ARCHITECTURE
INTERIOR DESIGN

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Issued: April 10, 2024

ADDENDUM No. 1

This Addendum is hereby made a part of the Bidding Documents to the same extent as though it was originally included therein. *This addendum must be acknowledged in the Bid Form.*

TO ALL BIDDERS FOR FURNISHING LABOR, EQUIPMENT AND MATERIALS NECESSARY AND REQUIRED FOR:

Project Name: Hurricane Ida Damage Repairs for VFW Center
Houma, LA 70363
Terrebonne Parish Consolidated Government

Architect's Project No. 2211E

The following Addendum to the Project Manual and Drawings shall be considered a part of the Bidding Documents. Where changes in plans, materials, equipment, and workmanship are made, same shall take precedent over the original Specifications. General Contractors are cautioned to bring to the attention of all subcontractors any changes which may affect their work.

The original Project Manual and/or Drawings shall be modified by this Addendum only to the extent specifically stated herein.

The Contract Documents for the above referenced project have been modified as listed below.

1. GENERAL ITEMS

1.1. ATTENDANCE RECORD: The attendance record for the pre-bid conference was added.

1.2. GENERAL NOTE: This job is to be bid on as an asbestos free project. See Spec. section 024119 – SELECTIVE DEMOLITION for further information.

1.3. GENERAL NOTE: Addition to scope of work:

1.3.1. The existing corrugated metal roof is covered with a TPO roofing membrane, which is to be removed.

1.3.2. Install new vinyl faced fiberglass insulation below new metal roofing. See added thermal insulation specification.

1.4. GENERAL NOTE: Re-roofing notes.

1.4.1. Base Bid: Corrugated Metal Roof:

- 24 Guage Berridge S Deck Panel or equal manufacturer as mentioned in the current spec.
- Continuous Length panel if length of current panels is 40ft or under
- 2-year Workmanship Warranty
- Kynar finish Panel with 40-Year Finish Warranty (example attached)

1.4.2. Alternate No. 1: Standing Seam Metal Roof

- 24 Gauge Berridge Double Lock Zee Lock Panel or equal manufacturer as mentioned in the current spec.
- Continuous Length Panel
- Engineering Submittal showing panel and clip attachment conformity with wind load design for the building.
- 2-Year Workmanship Warranty
- 20-Year Weathertight Warranty
- Kynar finish Panel with 40-Year Finish Warranty (example attached)

2. CHANGES, ADDITIONS, AND CORRECTIONS IN THE PROJECT MANUAL

2.1. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.1.1. REMOVE AND REPLACE: SECTION 012300 – ALTERNATES

2.1.1.1. Addition of Alternate No. 2,3 added.

2.2. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.2.1. 024119 – SELECTIVE DEMOLITION

2.3. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.3.1. 000003 – SECTION C LOUISIANA UNIFORM PUBLIC WORK BID FORM

2.3.1.1. Alternates: 2,3 added. Unit prices added.

2.4. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.4.1. 12200 – UNIT PRICES

2.4.1.1. Addition of dimensional lumber unit prices and vinyl faced fiberglass insulation.

2.5. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.5.1. REMOVE AND REPLACE: 072100 – THERMAL INSULATION

2.5.1.1. Addition of vinyl faced fiberglass insulation into spec.

2.6. Edit: ADDITION: ADD THE ATTACHED SECTION.

2.6.1. REMOVE AND REPLACE: 011000 – SUMMARY

3. CHANGES, ADDITIONS, AND CORRECTIONS IN THE DRAWINGS

3.1. ADDITION TO SET: SHEET S1.00, EXERIOR WALL PLAN.

3.2. ADDITION TO SET: SHEET S2.00, SECTIONS & DETAILS.

3.3. REMOVE AND REPLACE DRAWING: SHEET M1.0, MECHANICAL DEMO PLAN.

3.3.1. ITEMS ADDED TO ALTERNATE NO. 2

3.4. REMOVE AND REPLACE DRAWING: SHEET M2.0, MECHANICAL PLAN.

3.4.1. ITEMS ADDED TO ALTERNATE NO. 2

3.5. REMOVE AND REPLACE DRAWING: SHEET P1.0, PLUMBING DEMO PLAN.

3.5.1. ITEMS ADDED TO ALTERNATE NO. 3

3.6. REMOVE AND REPLACE DRAWING: SHEET P2.0, PLUMBING PLAN.

3.6.1. ITEMS ADDED TO ALTERNATE NO. 3

Subject to the requirements of the Contract Documents, the following manufacturers are considered equal to that specified in name only; neither the full effects of using them nor the compatibility with the entire design of the project have been evaluated. Any required changes or modifications to the project resulting from these substitutions will be the responsibility of the Contractor and shall be of no additional cost to the Owner above the original bid amount.

Specification Section	Description	Manufacturer
See attached submittal.	Lighting/Lighting Fixtures	LEA Lighting & Electrical

END OF ADDENDUM NO. 1

GFP
ARCHITECTURE
INTERIOR DESIGN

ATTENDANCE RECORD – PRE-BID CONFERENCE

Project:	Hurricane Ida Damage Repairs for VFW Center	**Date:**	April 9, 2024
Owner:	Terrebonne Parish Consolidated Government	**Time:**	2:00 PM
GFP Project No.:	2211E	**Location:**	301 Plant Road, Houma, LA

Name & Company	Address	Phone Number	E-mail Address
Kevin M. Gros, AIA Gros Flores Positerry, LLC	307 Canal Blvd. Thibodaux, LA 70301	985-447-9931	kgros@gfpdesign.com
Blake Thibodaux, Assoc. AIA Gros Flores Positerry, LLC	307 Canal Blvd. Thibodaux, LA 70301	985-227-3735	bthibodaux@gfpdesign.com
Rusty Summey Cotton Commercial	5443 Katy Hockley Cut-Off Rd, Katy, TX	281-505-8833	charles.summey@cotton team.com
Rock Enterprises Construction	120 22nd St. Kenner LA	504-214-4295	DamonG@RocknOLA.com
Rock Enterprises Con	120C 22nd st Kenner	504-444-4324	Landisn@rocknola.com
Freetown Builders	313 Gordon St Lafayette, LA 70560	337 465-9345	Calleman@Freetown Builders.com
IC H Contracting	2241 Darby Rd Houma, LA 70363	985 665-5510	Rodney wright.IcH.com
TBT Contracting	104 St. peter st	985-200-1221	office@TBTcontracting.com

Name & Company	Address	Phone Number	E-mail Address
Edward J. Laperouse Metal Works Inc	924 Lafort Bypass Rd, Thibodaux LA 70301	985-872 4511	brett@lapmetal.com
LAKEShore Roofing & Const INC. AARON Robideaux		985 859 3474	AARON@lakeshoreroofingINC.com
House Works		985637-2227	
Gerard Boudreaux Norris & Boudreaux Cont	1656 Bull Run Rd Schriever, LA 70395	985-387-0549	gerard@norrisandboudreaux.com
HMSE, LLC	912 Pueblo Drive Houma, LA	225-390-4824	jon@hmse-llc.com
Hubb's Properties, LLC Shelley Rainier	37093 White Rd. Prairieville, La 70769	225-229-0435 504-813-5858	Hubbsproperties@live.com Morain1510@live.com
Jason Broussard Royal Engineers		337-242-8821	jbroussard@royalengineering.net

Signed: [signature]
(GFP Representative)

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost for each alternate is the net addition to the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Execute accepted alternates under the same conditions as other work of the Contract.

C. Schedule: A schedule of alternates is included at the end of this Section.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ADD ALTERNATES

A. Base bid: Remove and replace the existing corrugated metal roof with a new corrugated metal roof and all accessories, equipment, devices, etc. involved.

B. Alternate No. 1 – Removing the existing metal roofing and installing a standing seam metal roof and all accessories, equipment, devices, etc. involved.

C. Alternate No. 2 – Remove and replace various HVAC Equipment as shown on the drawings and specified herein.

D. Alternate No. 3 Remove and replace Plumbing Equipment (Electric Water Heater) as shown on the drawings and specified herein.

END OF SECTION 012300

SECTION 024119 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Demolition and removal of selected portions of building or structure.

1.2 MATERIALS OWNERSHIP

A. Unless otherwise indicated, demolition waste becomes property of Contractor.

1.3 PREINSTALLATION MEETINGS

A. Predemolition Conference: Conduct conference at Project site.

1.4 INFORMATIONAL SUBMITTALS

A. Predemolition photographs or video.

1.5 FIELD CONDITIONS

A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.

B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
1. If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Hazardous materials will be removed by Owner under a separate contract.

D. Storage or sale of removed items or materials on-site is not permitted.

E. Utility Service: Maintain existing utilities and protect them against damage during selective demolition operations.

F. Arrange selective demolition schedule so as not to interfere with Owner's operations.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with hauling and disposal regulations of authorities having jurisdiction.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Perform a survey of condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during selective building demolition operations.

3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

A. Existing Services/Systems to Remain: Maintain services/systems and protect them against damage.

3.3 PROTECTION

A. Temporary Protection: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

B. Temporary Shoring: Design, provide, and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.

C. Remove temporary barricades and protections where hazards no longer exist.

3.4 SELECTIVE DEMOLITION

A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:

1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
3. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

4. Dispose of demolished items and materials promptly. Comply with requirements in Section 017419 "Construction Waste Management and Disposal."

B. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

3.5 CLEANING

A. Remove demolition waste materials from Project site and recycle or dispose of them according to Section 017419 "Construction Waste Management and Disposal."

1. Do not allow demolished materials to accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
3. Comply with requirements specified in Section 017419 "Construction Waste Management and Disposal."

B. Burning: Do not burn demolished materials.

C. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119

SECTION C
LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Terrebonne Parish Consolidated Government
P.O. Box 2768
Houma, LA 70361

(Owner to provide name and address of owner)

BID FOR: Hurricane Ida Damage Repairs for VFW Center
1190 Barrow St., Houma, LA 70360
TPCG Project No. IDA-0062; FEMA No. 680843
Architect's Project No. 2211E

(*Owner to provide name of project and other identifying information)*

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Gros Flores Positerry, LLC (GFP), 179 Enterprise Dr., Houma, LA 70360 and dated: March 20, 2024.

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars ($ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1: *(Remove existing metal roof and install a new standing seam metal roof and all accessories, flashings, equipment, devices, etc. involved.)* for the lump sum of:

_____ Dollars ($ _____)

Alternate No. 2: *(Remove and replace various HVAC Equipment as shown on the drawings and specified herein.)* for the lump sum of:

_____ Dollars ($ _____)

Alternate No. 3: *(Remove and replace Plumbing Equipment (Electric Water Heater) as shown on the drawings and specified herein)* for the lump sum of:

_____ Dollars ($_____)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

_____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

**** A CORPORATE RESOLUTION OR WRITTEN EVIDENCE** of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

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SECTION C
LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM

TO: Terrebonne Parish Consolidated Government
P.O. Box 2768
Houma, LA 70361

(Owner to provide name and address of owner)

BID FOR: Hurricane Ida Damage Repairs for VFW Center
1190 Barrow Street., Houma, LA 70360
TPCG Project No. IDA-0062; FEMA No. 680843
Architect's Project No.. 2211E

(*Owner to provide name of project and other identifying information)*

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	☒ Base Bid or ☐ Alt.# ___: 2" x 4" DIMENSIONAL LUMBER			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
01	16	LF		

DESCRIPTION:	☒ Base Bid or ☐ Alt.# ___: 2" x 6" DIMENSIONAL LUMBER			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
02	16	LF		

DESCRIPTION:	☒ Base Bid or ☐ Alt.# ___: 2" x 8" DIMENSIONAL LUMBER			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
03	16	LF		

DESCRIPTION:	☒ Base Bid or ☐ Alt.# ___: VINYL FACED FIBERGLASS INSULATION			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
04	100	SF		

DESCRIPTION:	☐ Base Bid or ☐ Alt.# ___:			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
N/A	N/A	N/A	N/A	N/A

DESCRIPTION:	☐ Base Bid or ☐ Alt.# ___:			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
N/A	N/A	N/A	N/A	N/A

DESCRIPTION:	☐ Base Bid or ☐ Alt.# ___:			
REF. NO.	QUANTITY:	UNIT OF MEASURE:	UNIT PRICE	UNIT PRICE EXTENSION *(Quantity times Unit Price)*
N/A	N/A	N/A	N/A	N/A

Wording for "DESCRIPTION" is to be provided by the Owner.
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

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SECTION 012200 - UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for unit prices.

1.2 DEFINITIONS

A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.3 PROCEDURES

A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.

B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.

C. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

A. Unit Price No. 1: 16 LINEAR FEET OF 2” X 4” DIMENSIONAL LUMBER

B. Unit Price No. 2: 16 LINEAR FEET OF 2” X 6” DIMENSIONAL LUMBER

C. Unit Price No. 2: 16 LINEAR FEET OF 2” X 8” DIMENSIONAL LUMBER

D. Unit Price No. 2: 100 SQ. FT. OF VINYL FACED FIBERGLASS INSULATION

E. END OF SECTION 012200

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SECTION 072100 - THERMAL INSULATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Glass-fiber blanket insulation.

1.2 ACTION SUBMITTALS

A. Product Data: For the following:
   1. Glass-fiber blanket insulation.

1.3 INFORMATIONAL SUBMITTALS

A. Installer's Certification: Listing type, manufacturer, and R-value of insulation installed in each element of the building thermal envelope.
   1. Sign, date, and post the certification in a conspicuous location on Project site.

B. Product test reports.

C. Research reports.

PART 2 - PRODUCTS

2.1 GLASS-FIBER BLANKET INSULATION

A. Glass-Fiber Blanket Insulation, Unfaced: ASTM C665, Type I; passing ASTM E136 for combustion characteristics.
   1. Basis of Design: Johns Manville Fiberglass Insulation, unfaced blanket.
      a. Thickness: 3-1/2”, 5-1/2”, or 10-1/4”
      b. Thermal Resistance: R-13 for 3-1/2” thickness; R-21 for 5-1/2” thickness, and R-30 for 10-1/4” thickness as shown on the Drawings.
   2. Other acceptable manufacturers:
      a. CertainTeed Corporation
      b. Knauf Insulation
      c. Owens Corning
   3. Flame-Spread Index: Not more than 25 when tested in accordance with ASTM E84.
   4. Smoke-Developed Index: Not more than 50 when tested in accordance with ASTM E84.
   5. Labeling: Provide identification of mark indicating R-value of each piece of insulation 12 inches (305 mm) and wider in width.
   6. Location:
      a) Above suspended acoustical ceiling
      b) Certain interior walls

B. Blanket Insulation, Vinyl Faced, Type III, Cat. 1
   1. R-7 insulation value, light density fiberglass metal building insulation faced with vapor barrier composed of woven high-density polyethylene coated on both sides with polyethylene on top side.
   2. Location: Below new metal roofing.

a) Entire Roof of Storage Building besides the storage portion

2.2 ACCESSORIES

A. Insulation for Miscellaneous Voids:
   1. Spray Polyurethane Foam Insulation: ASTM C1029, Type II, closed cell, with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, per ASTM E84.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Comply with insulation manufacturer's written instructions applicable to products and applications.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed to ice, rain, or snow at any time.

C. Install insulation with manufacturer's R-value label exposed after insulation is installed.

D. Extend insulation to envelop entire area to be insulated. Fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

E. Provide sizes to fit applications and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation units unless multiple layers are otherwise shown or required to make up total thickness or to achieve R-value.

3.2 INSTALLATION OF INSULATION IN FRAMED CONSTRUCTION

A. Blanket Insulation: Install in cavities formed by framing members according to the following requirements:
   1. Use insulation widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill the cavities, provide lengths that will produce a snug fit between ends.
   2. Place insulation in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.
   3. Maintain 3-inch (76-mm) clearance of insulation around recessed lighting fixtures not rated for or protected from contact with insulation.
   4. For metal-framed wall cavities where cavity heights exceed 96 inches (2438 mm), support unfaced blankets mechanically.

B. Miscellaneous Voids: Install insulation in miscellaneous voids and cavity spaces where required to prevent gaps in insulation using the following materials:
   1. Spray Polyurethane Insulation: Apply according to manufacturer's written instructions.

END OF SECTION 072100

SECTION 011000 - SUMMARY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Phased construction.
4. Contractor's use of site and premises.
5. Coordination with occupants.
6. Work restrictions.
7. Specification and Drawing conventions.

1.2 PROJECT INFORMATION

A. Project Identification: Hurricane Ida Damage Repairs for VFW Center; Parish Project No. IDA-0063; FEMA No. 1234168; Architect’s Project No. 2211E.

1. Project Location: 1190 Barrow St., Houma, LA 70360.

B. Owner: Terrebonne Parish Consolidated Government.

1. Owner's Project Representative: Royal Engineers & Consultants, 1231 Cameila Blvd., Lafayette, LA 70508.
   a. Contact Person: Jason Broussard. Cell Phone: (337) 247-8871; email: jbroussard@royalengineering.net.

C. Architect: Gros Flores Positerry, LLC (GFP) Architecture & Interior Design, 307 Canal Blvd.., Thibodaux, LA 70301. Phone: (985) 447-9931.

1. Architect's Representative: Kevin M. Gros, AIA

1.3 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of Project is defined by the Contract Documents and consists of the following:

1. This scope includes Hurricane Ida damage repairs to the interior, exterior, and an asphalt shingle roof replacement to the Terrebonne Parish Coroner's Office.
2. Remove and replace mechanical components as identified in the Contract Documents.
3. Remove and replace electrical and lighting components as identified in the Contract Documents.
4. Coordination with Owner’s separate vendors, who have communications antennae and/or equipment on the existing roof, for removal and reinstallation of vendors’ antennae and equipment.
5. Any additional Work indicated in the Contract Documents.

B. Type of Contract:

1. Project will be constructed under a single prime contract.

1.4 PHASED CONSTRUCTION

A. The Work shall be phased in coordination with the Owner.

1.5 CONTRACTOR'S USE OF SITE AND PREMISES

A. Limits on Use of Site: Limit use of Project site to Work in areas indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
   1. Driveways, Walkways, and Entrances: Keep driveways, parking garage, loading areas, entrances, and public streets serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or for storage of materials.

B. Condition of Existing Building: Maintain portions of existing building affected by construction operations in a weathertight condition throughout construction period. Repair damage caused by construction operations.

C. Condition of Existing Grounds: Maintain portions of existing grounds, landscaping, and hardscaping affected by construction operations throughout construction period. Repair damage caused by construction operations.

1.6 COORDINATION WITH OCCUPANTS

A. No existing occupancy.

1.7 WORK RESTRICTIONS

A. Comply with restrictions on construction operations.

1. Comply with limitations on use of public streets, work on public streets, rights of way, and other requirements of authorities having jurisdiction.

B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 7:00 a.m. to 5:00 p.m., Monday through Friday, unless otherwise indicated.
   1. The contract is based on a calendar day schedule. Contractors shall be allowed to work weekends as needed to comply with the construction schedule.

C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:

1. Notify Architect and Owner’s Representative not less than two business days in advance of proposed utility interruptions.
2. Obtain Owner's written permission before proceeding with utility interruptions.

D. Noise, Vibration, Dust, and Odors: Coordinate operations that may result in high levels of noise and vibration, dust, odors, or other disruption to Owner occupancy with Owner.

1. Notify Architect and Owner’s Representative not less than two business days in advance of proposed disruptive operations.
2. Obtain Owner's written permission before proceeding with disruptive operations.

E. Smoking and Controlled Substance Restrictions: Use of tobacco products and other controlled substances on Project site is not permitted.

F. Employee Identification: Provide identification tags for Contractor personnel working on Project site. Require personnel to always use identification tags.

G. Employee Screening: Comply with Owner's requirements for drug and background screening of Contractor personnel working on Project site.

1. Maintain list of approved screened personnel with Owner's representative.

1.8 SPECIFICATION AND DRAWING CONVENTIONS

A. `Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:

1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
2. Text Color: Text used in the Specifications, including units of measure, manufacturer and product names, and other text may appear in multiple colors or underlined as part of a hyperlink; no emphasis is implied by text with these characteristics.
3. Hypertext: Text used in the Specifications may contain hyperlinks. Hyperlinks may allow for access to linked information that is not residing in the Specifications. Unless otherwise indicated, linked information is not part of the Contract Documents.
4. Specification requirements are to be performed by Contractor unless specifically stated otherwise.

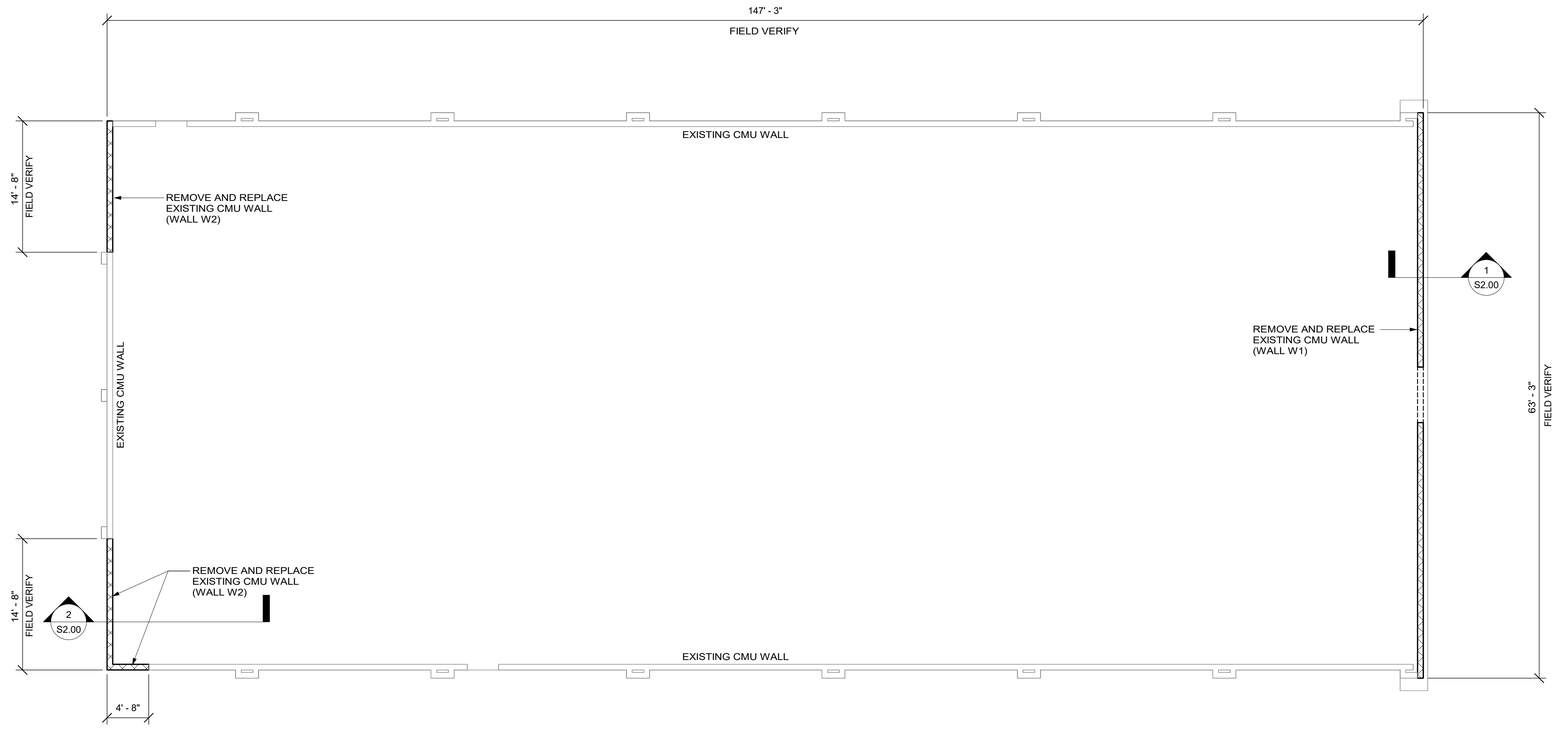
B. Division 00 Contracting Requirements: General provisions of the Contract, including General and Supplementary Conditions, apply to all Sections of the Specifications.

C. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000



1 EXTERIOR WALL PLAN
1/8" = 1'-0"

GENERAL NOTES:

1. The Contractor has sole authority and responsibility for the means, methods, sequence and safety of construction and shall, at all times, provide temporary shoring, bracing and tie-down anchorage consistent with the selected means, methods and sequence. Such temporary supports shall be adequate to assure stability and to prevent movement or collapse during erection and throughout construction.
2. Contractor shall immediately report any existing site conditions which are different from those indicated on the Drawings.
3. All dimensions and elevations of new work which are dependent on existing construction shall be verified by the Contractor prior to shop drawing preparation, material fabrication, or construction of any other work affected by such existing conditions.

REINFORCING STEEL:

4. Reinforcing bars shall conform to American Society for Testing Materials (ASTM) Specification A615 Grade 60 or ASTM A616 Grade 60 including Supplementary Requirements S1.
5. Provide corner reinforcing bars at all corners and intersections masonry walls to match horizontal reinforcement. Extend corner bars 40 diameters from corner in each direction.

STRUCTURAL STEEL:

6. Steel plates and angles shall conform to ASTM A36.
7. Use AWS A5.1 or A5.5 E70XX electrodes for manual arc welding and AWS A5.17 F7X-EXXX electrodes for submerged arc welding.
8. All welders shall be qualified according to AWS Standards for the type of welding that they perform on this Project. Welders shall carry their certification papers and show them to the Owner's representatives upon request.
9. Shop paint new structural steel with a primer conforming to Steel Structures Painting Council Paint System No. 1. Dry film thickness shall be 1.7 - 2.0 mils. Immediately before painting, thoroughly prepare the steel surface in compliance with the Steel Structures Painting Council Specifications SP-3. Remove all oil and grease, loose mill scale, loose rust, loose paint and other detrimental foreign matter from the steel surface.
10. After erection, all welded areas and touch up all abrasions, damaged or defective paint and rust areas and remove all dirt, mud, mortar, debris, etc., from steel surfaces.

CONCRETE MASONRY:

11. Concrete masonry construction and materials for shall conform to the requirements of "Specifications for Masonry Structures" (TMS 602-16), published by The Masonry Society.
12. Concrete masonry shall have a design compressive strength f'm = 1500 psi determined by the unit strength method in accordance with "Specifications for Masonry Structures" (TMS 602-16). Concrete masonry units shall have a minimum compressive strength of 1900 psi if Type M or S mortar is used and 2150 psi if Type N mortar is used.
13. Masonry grout shall comply with ASTM C476. Conventional Grout shall be mechanically consolidated when placed, shall have a slump of 8 to 11 inches, and shall have a minimum 28-day compressive strength of 2000 psi. Self-consolidating Grout shall have a slump flow of 24 to 30 inches as determined by ASTM C1611/C1611M, shall have a Visual Stability Index (VSI) of not greater than 1 as determined by Appendix X1 of ASTM C1611/C1611M, and shall have a 28-day compressive strength of 2000 psi. Use course grout (3/8-inch maximum aggregrate) for grout spaces over 2 inches and fine grout (1/4-inch maximum aggregrate) for grout spaces less than 2 inches.
14. Grout shall be sampled and tested in accordance with ASTM C1019 for each 5000 square feet of masonry wall surface, but no less once each day that grout is placed. Compressive strength cube specimens shall be tested at seven (7) days and twenty-eight (28) days. Test at least three (3) specimens at each age.
15. Prior to beginning masonry construction, submit mix design and test results for grout, and material certification for concrete masonry units and mortar.
16. All concrete masonry walls shall be braced adequately to prevent shifting or collapse until all intersecting walls are complete, wall connections to structural framing members are complete, and all floor and roof decks are installed and properly fastened.
17. Tests and Inspection of masonry construction shall conform to Level B Quality Assurance as described in Section 3.1 of the referenced specification:

As masonry construction begins, verify the following are in compliance:
- Proportions of site-prepared mortar
- Construction of mortar joints
- Location of reinforcement and connectors

Prior to grouting, verify the following are in compliance:
- Grout space
- Grade, type and size of reinforcement and anchor bolts
- Placement of reinforcement and connectors
- Proportions of site-prepared grout
- Construction of mortar joints

During grouting, verify that grout placement is in compliance.

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GFP ARCHITECTURE INTERIOR DESIGN

ARCHITECTURE
GROS FLORES POSITERRY, LLC
307 CANAL BLVD
THIBODAUX, LA 70301
TEL: (985) 447-9931

CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
NONE

ELECTRICAL
NONE

OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW ST.
HOUMA, LA 70363
CONSTRUCTION DOCUMENTS

KEY PLAN — PLAN NORTH — TRUE NORTH

PROFESSIONAL SEAL

CLIENT
TPCG

PROJECT NUMBER
2211E

DATE 3/20/2024

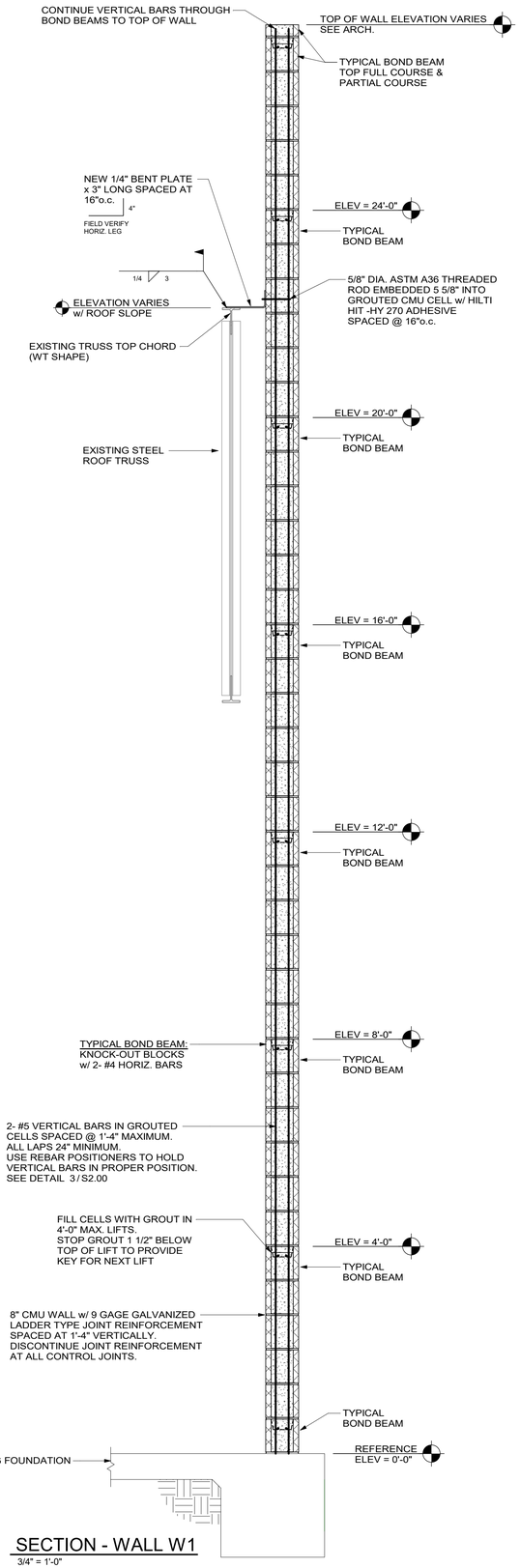
REVISIONS

No.	Description	Date
1	Addendum No. 1	03/26/2024

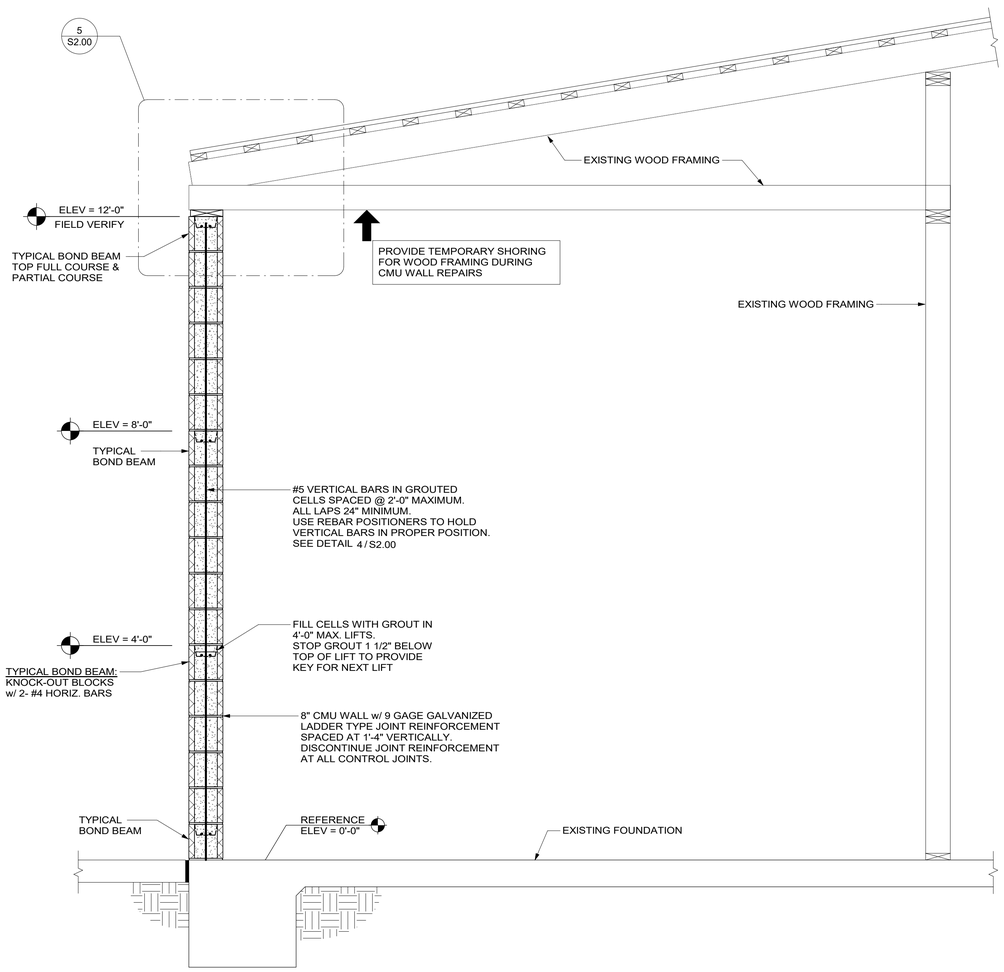
EXTERIOR WALL PLAN

1

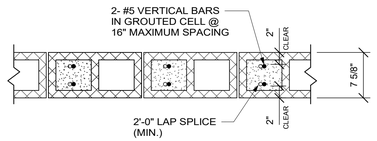
S1.00



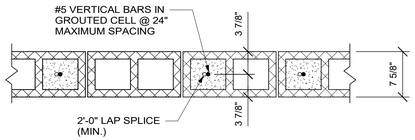
1 SECTION - WALL W1
3/4" = 1'-0"



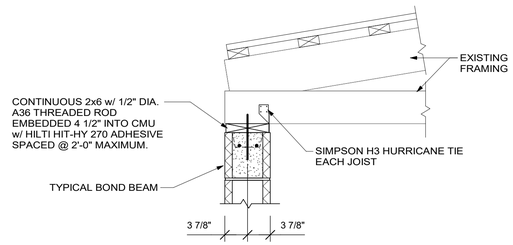
2 SECTION - WALL W2
3/4" = 1'-0"



3 TYPICAL CMU REINFORCING - WALL W1
1" = 1'-0"



4 TYPICAL CMU REINFORCING - WALL W2
1" = 1'-0"



5 DETAIL
1" = 1'-0"

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GFP ARCHITECTURE INTERIOR DESIGN

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307 CANAL BLVD
THIBODAUX, LA 70301
TEL: (985) 447-9931

CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
NONE

ELECTRICAL
NONE

OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW ST.
HOUMA, LA 70363
CONSTRUCTION DOCUMENTS

KEY PLAN
PLAN NORTH
TRUE NORTH

PROFESSIONAL SEAL
STATE OF LOUISIANA
MICHAEL H. BADEAUX
REG. NO. 37507
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

CLIENT
TPCG

PROJECT NUMBER
2211E

DATE 3/20/2024

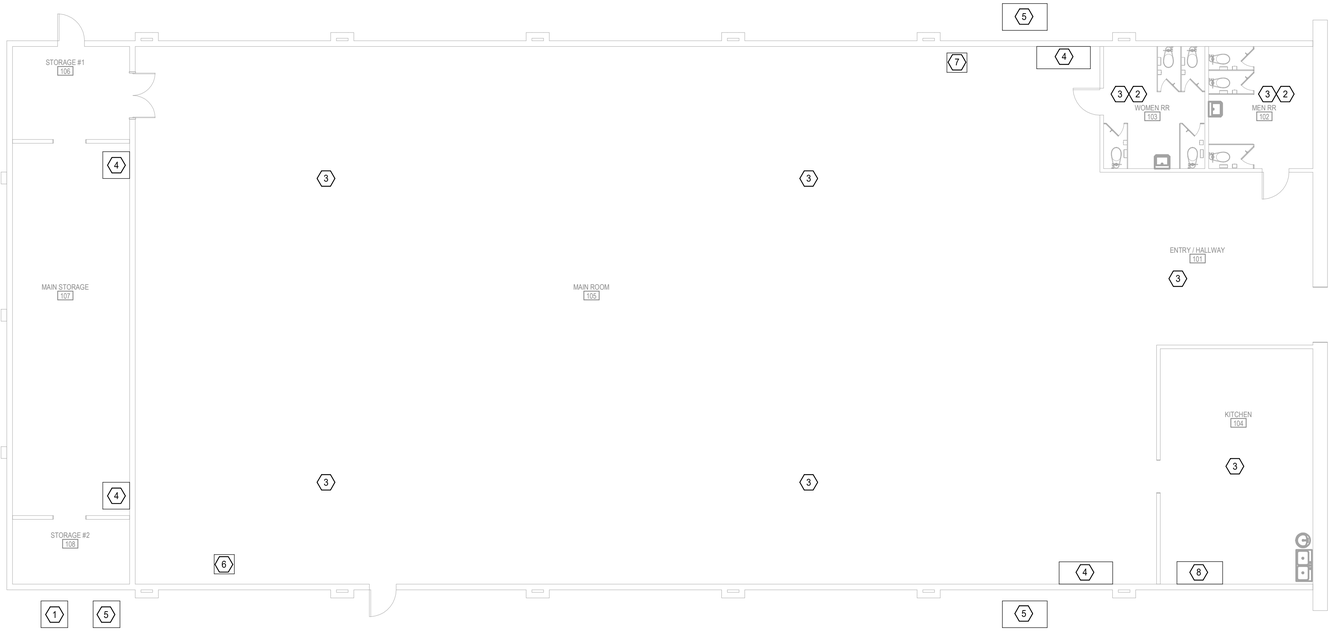
REVISIONS

No.	Description	Date
1	Addendum No. 1	03/26/2024

SECTIONS & DETAILS

4

S2.00



GENERAL NOTES

1. THESE DRAWINGS WERE DERIVED FROM EXISTING PLANS AND LIMITED SITE SURVEY. CONTRACTOR IS RESPONSIBLE FOR VISITING SITE AND VERIFYING EXISTING CONDITIONS PRIOR TO BIDDING OF PROJECT.
2. ALL EXISTING MECHANICAL SYSTEMS THAT ARE ABANDONED WHETHER INDICATED ON PLANS OR NOT SHALL BE REMOVED.
3. ALL EXISTING FLEX DUCTWORK, METAL DUCTWORK, AND ASSOCIATED INSULATION SHALL BE REMOVED.

SPECIFIC NOTES

1. EXISTING SPLIT SYSTEM CONDENSING UNIT TO BE TESTED, REMOVE AND REPLACE WITH NEW IF NECESSARY. (ALT NO. 2)
2. EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK TO BE REMOVED AND REPLACED WITH NEW.
3. EXISTING DIFFUSERS AND ASSOCIATED DUCTWORK TO BE REMOVED AND REPLACED WITH NEW.
4. EXISTING SPLIT SYSTEM AIR HANDLING UNIT TO BE REMOVED AND REPLACED WITH NEW. (ALT NO. 2)
5. EXISTING SPLIT SYSTEM CONDENSING UNIT TO BE REMOVED AND REPLACED WITH NEW. (ALT NO. 2)
6. EXISTING ELECTRIC UNIT HEATER TO BE REMOVED, REPLACE WITH NEW. (ALT NO. 2)
7. EXISTING GAS FIRED UNIT HEATER TO BE REMOVED, REPLACE WITH NEW. (ALT NO. 2)
8. EXISTING 3'X5' STAINLESS KITCHEN EXHAUST HOOD TO BE REMOVED. HOOD DISCHARGES THRU SIDEWALL. REPLACE WITH NEW. (ALT NO. 2)

1 MECHANICAL DEMOLITION PLAN

M1.0 SCALE: NONE

GFP ARCHITECTURE INTERIOR DESIGN

ARCHITECTURE
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CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

ELECTRICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW STREET
HOUMA, LA 70363
CONSTRUCTION DOCUMENTS

KEY PLAN — PLAN NORTH — TRUE NORTH

PROFESSIONAL SEAL

STATE OF LOUISIANA
GENE J. YENARI II
REG. NO. 28523
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
20 MARCH 2024

CLIENT
Owner

PROJECT NUMBER
2211E

DATE 03.20.2024

REVISIONS

No.	Description	Date
1	Addendum 1	04.10.24

MECHANICAL DEMO PLAN

M1.0

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave, Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2404201 Designed By: Designer
Drawn By: TM Checked By: GY

CHECKED BY: GY
DRAWN BY: TM

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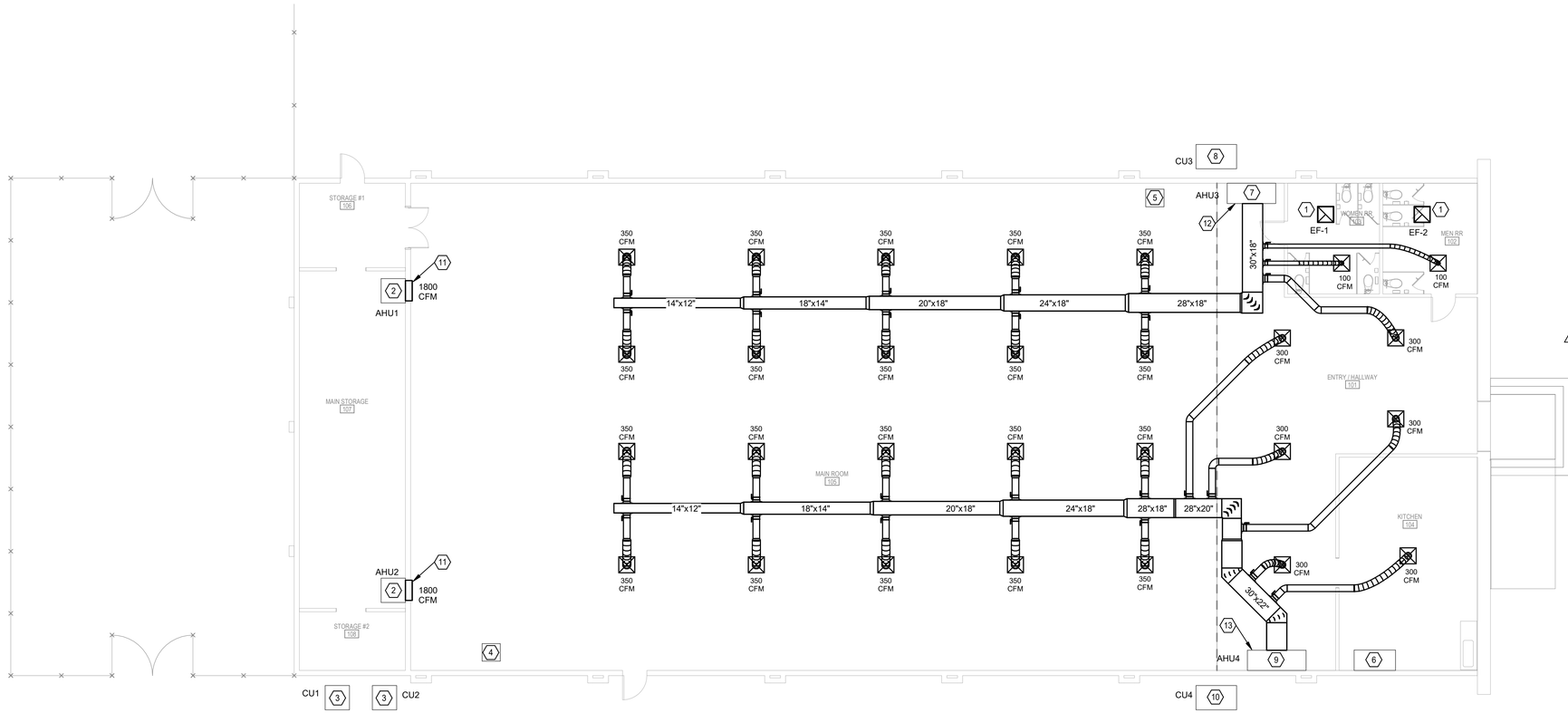

1 MECHANICAL PLAN

M2.0 SCALE: 1/8" = 1'-0"

GENERAL NOTES

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2. ALL EXISTING MECHANICAL SYSTEMS THAT ARE ABANDONED WHETHER INDICATED ON PLANS OR NOT SHALL BE REMOVED.
3. ALL EXISTING FLEX DUCTWORK, METAL DUCTWORK, AND ASSOCIATED INSULATION SHALL BE REMOVED.

SPECIFIC NOTES

1. NEW 300 CFM EXHAUST FAN AND DUCT THRU WALL TO BUILDING EXTERIOR. PROVIDE WIND RATED LOUVER.
2. NEW 5 TON SPLIT SYSTEM AIR HANDLING UNIT WITH GAS HEAT. (ALT NO. 2)
3. NEW 5 TON SPLIT SYSTEM CONDENSING UNIT. (ALT NO. 2)
4. NEW 5 KW ELECTRIC UNIT HEATER.
5. NEW GAS FIRED UNIT HEATER. 60,000 BTU.
6. NEW 3'X5' SIDEWALL DISHARGE STAINLESS KITCHEN HOOD. 1250 CFM EXHAUST. PROVIDE RAIN HOOD.
7. NEW 10 TON SPLIT SYSTEM AIR HANDLING UNIT. (ALT NO. 2)
8. NEW 10 TON SPLIT SYSTEM CONDENSING UNIT. (ALT NO. 2)
9. NEW 12.5 TON SPLIT SYSTEM AIR HANDLING UNIT. (ALT NO. 2)
10. NEW 12.5 TON SPLIT SYSTEM CONDENSING UNIT. (ALT NO. 2)
11. PROVIDE 30X12 SUPPLY AIR SIDEWALL DIFFUSER LOCATED BELOW CEILING. 30X36 FILTER GRILLE LOCATED IN PLENUM BELOW UNIT.
12. PROVIDE (2) 30X36 FILTER GRILLES IN PLENUM UNDER UNIT.
13. PROVIDE (3) 30X36 FILTER GRILLES IN PLENUM UNDER UNIT.

GFP ARCHITECTURE INTERIOR DESIGN

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GROS FLORES POSITERRY, LLC
307 CANAL BLVD
THIBODAUX, LA 70301
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CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

ELECTRICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW STREET
HOUMA, LA 70363
CONSTRUCTION DOCUMENTS

KEY PLAN — PLAN NORTH — TRUE NORTH

PROFESSIONAL SEAL

STATE OF LOUISIANA
GENE YENARI
REG. NO. 28523
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
20 MARCH 2024

CLIENT
Owner

PROJECT NUMBER
2211E

DATE 03.20.2024

REVISIONS

No.	Description	Date
1	Addendum 1	04.10.24

MECHANICAL PLAN

M2.0

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave, Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2404201 Designed By: TM
Drawn By: TM Checked By: GY

CHECKED BY: GY
DRAWN BY: TM

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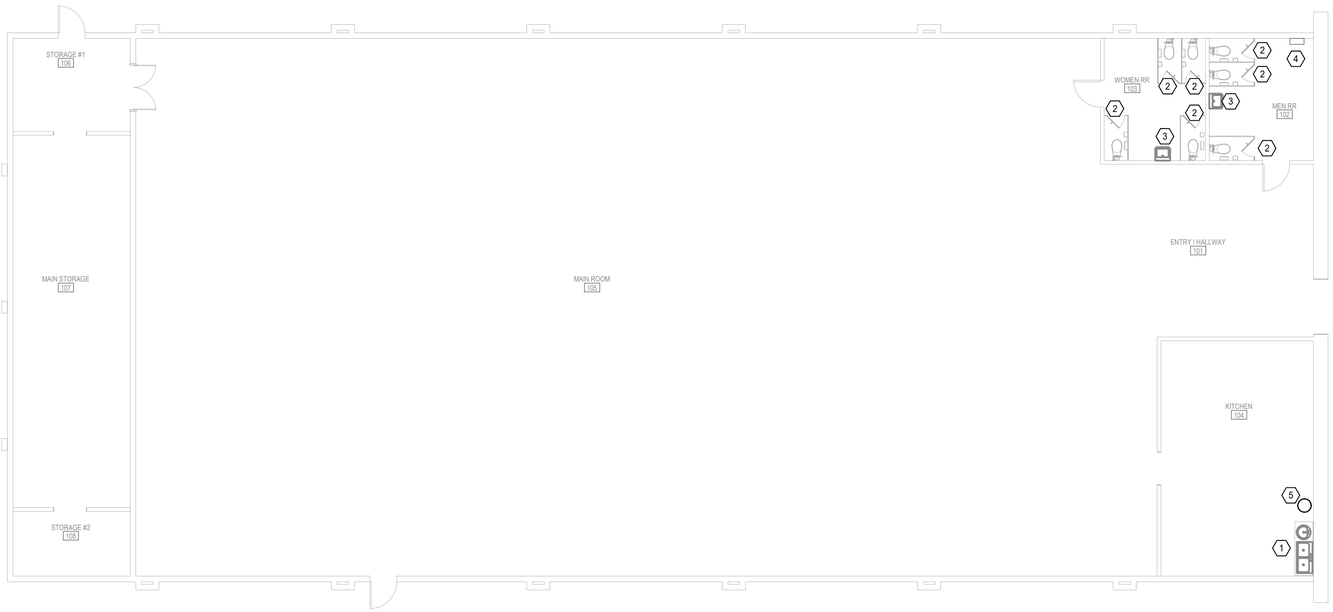

GENERAL NOTES

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2. ALL EXISTING PLUMBING SYSTEMS THAT ARE ABANDONED WHETHER INDICATED ON PLANS OR NOT SHALL BE REMOVED.
3. WHERE CEILINGS ARE BEING RAISED OR MODIFIED, ALL PLUMBING AND SPRINKLER SYSTEMS SHALL BE RELOCATED OR RAISED AS REQUIRED.
4. REPAIR ANY RIPPED OR MISSING INSULATION IN EXISTING PLUMBING.
5. ALL NEW UNDERGROUND WASTE PIPING TO BE A MINIMUM 3".
6. PROVIDE TRAP PRIMER AT ALL FLOOR AND HUB DRAIN LOCATIONS.

SPECIFIC NOTES

1. REMOVE AND REINSTALL EXISTING SINK. PROVIDE NEW HARDWARE.
2. REMOVE EXISTING WATER CLOSET, EXISTNG CW, WASTE, AND VENT PIPING TO REMAIN FOR CONNECTION TO NEW FIXTURE. PROVIDE NEW HARDWARE.
3. REMOVE EXISTING LAV, EXISTNG CW, HW, WASTE, AND VENT PIPING TO REMAIN FOR CONNECTION TO NEW FIXTURE. PROVIDE NEW HARDWARE.
4. REMOVE EXISTING URINAL, EXISTNG CW, WASTE, AND VENT PIPING TO REMAIN FOR CONNECTION TO NEW FIXTURE. PROVIDE NEW HARDWARE.
5. REMOVE EXISTING ELECTRIC WATER HEATER. PIPING TO REMAIN FOR CONNECTION TO NEW WATER HEATER. (ALT NO. 3)

1

1 PLUMBING DEMOLITION PLAN

P1.0 SCALE: NONE

GFP ARCHITECTURE INTERIOR DESIGN

ARCHITECTURE
GROS FLORES POSITERRY, LLC
307 CANAL BLVD
THIBODAUX, LA 70301
TEL: (985) 447-9931

CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

ELECTRICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW STREET
HOUMA, LA 70363
CONSTRUCTION DOCUMENTS

KEY PLAN — PLAN NORTH — TRUE NORTH

PROFESSIONAL SEAL
STATE OF LOUISIANA
GENE YENARI
REG. NO. 28523
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
20 MARCH 2024

CLIENT
Owner

PROJECT NUMBER
2211E

DATE 03.20.2024

REVISIONS

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PLUMBING DEMO PLAN

P1.0

YKH Consulting
YENARI • KELLY • HADAWAY
Mechanical • Electrical • Plumbing
3701 Hessmer Ave, Metairie, LA. 70002
ykhconsulting.com 504.264.5111

Job No.: 2404201 Designed By: TM
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DRAWN BY: TM

Autodesk Docs://2404201 - TPCG VFW Center/2404201-YKH-TPCG VFW Center-MEP-R22.rvt
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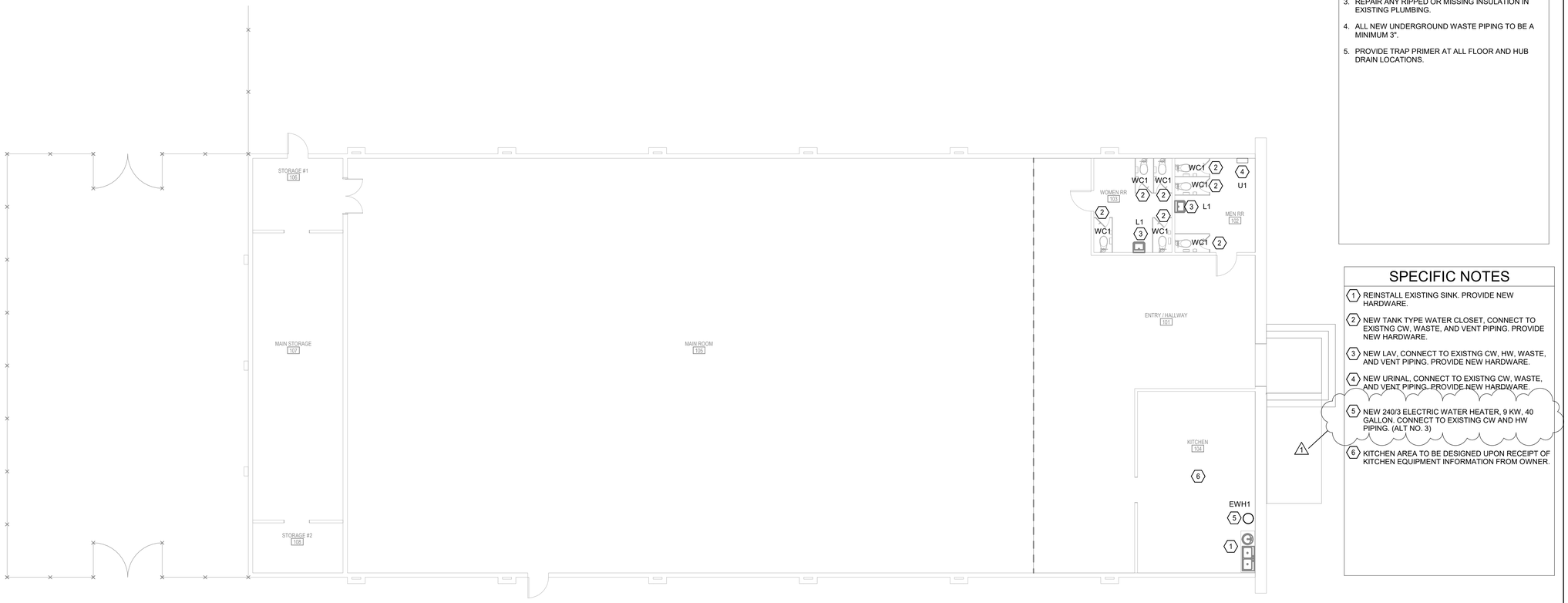

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2. ALL EXISTING PLUMBING SYSTEMS THAT ARE ABANDONED WHETHER INDICATED ON PLANS OR NOT SHALL BE REMOVED.
3. REPAIR ANY RIPPED OR MISSING INSULATION IN EXISTING PLUMBING.
4. ALL NEW UNDERGROUND WASTE PIPING TO BE A MINIMUM 3".
5. PROVIDE TRAP PRIMER AT ALL FLOOR AND HUB DRAIN LOCATIONS.

SPECIFIC NOTES

1. REINSTALL EXISTING SINK. PROVIDE NEW HARDWARE.
2. NEW TANK TYPE WATER CLOSET, CONNECT TO EXISTNG CW, WASTE, AND VENT PIPING. PROVIDE NEW HARDWARE.
3. NEW LAV, CONNECT TO EXISTNG CW, HW, WASTE, AND VENT PIPING. PROVIDE NEW HARDWARE.
4. NEW URINAL, CONNECT TO EXISTNG CW, WASTE, AND VENT PIPING. PROVIDE NEW HARDWARE.
5. NEW 240/3 ELECTRIC WATER HEATER, 9 KW, 40 GALLON. CONNECT TO EXISTING CW AND HW PIPING. (ALT NO. 3)
6. KITCHEN AREA TO BE DESIGNED UPON RECEIPT OF KITCHEN EQUIPMENT INFORMATION FROM OWNER.

1 PLUMBING PLAN

P2.0 SCALE: 1/8" = 1'-0"

GFP ARCHITECTURE INTERIOR DESIGN

ARCHITECTURE
GROS FLORES POSITERRY, LLC
307 CANAL BLVD
THIBODAUX, LA 70301
TEL: (985) 447-9931

CIVIL
NONE

STRUCTURAL
NONE

MECHANICAL
YKH CONSULTING, LLC
TEL: (504) 264-5112

ELECTRICAL
YKH CONSULTING, LLC
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OTHER
NONE

OTHER
NONE

HURRICANE IDA DAMAGE REPAIRS FOR VFW CENTER

1190 BARROW STREET
HOUMA, LA 70363
CONSTRCUTION DOCUMENTS

KEY PLAN — PLAN NORTH — TRUE NORTH

PROFESSIONAL SEAL
STATE OF LOUISIANA
GENE YENARI
REG. No. 28523
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
20 MARCH 2024

CLIENT
Owner

PROJECT NUMBER
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DATE 03.20.2024

REVISIONS

No.	Description	Date
1	Addendum 1	04.10.24

PLUMBING PLAN

P2.0

YKH Consulting
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Mechanical • Electrical • Plumbing
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ykhconsulting.com 504.264.5111

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DRAWN BY: TM

Autodesk Docs://2404201 - TPCG VFW Center/2404201-YKH-TPCG VFW Center-MEP-R22.rvt
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LTG AND ELEC ASSOC OF NRLNS
3945 N I-10 SERVICE RD WEST
SUITE 200
METAIRIE, LA 70002
Phone: 504-887-1235 EXT:
Fax: 504-887-0358
Contact: Schmitt, Steve

VFW - Houma

24-40020-0

4/8/2024

Submission Type

- [x] Prior Approval
- [ ] Resubmittal for Approval
- [ ] Approval
- [ ] Corrections
- [ ] Your Use
- [ ] Other

Notes:
In accordance with your prior approval clause, we would like to submit the following lighting fixtures for your consideration on the above subject project

SUBMITTAL REVIEW

- [x] APPROVED
- [ ] REVISE AND RESUBMIT
- [ ] APPROVED AS NOTED
- [ ] SUBMIT SPECIFIED ITEM

Reviewed for general compliance only. contractor is not relieved of responsibility to preform the work meeting all requirements stipulated or implied by the contract documents.

YKH Consulting, LLC

By Rocky Fleetwood Date 04/09/2024

Submitted To:
GROS FLORES POSITERRY, LLC,
THIBODAUX, LA

LIGHTING & ELECTRICAL ASSOCIATES

Project 24-40020-0 Date 4/8/2024
VFW - Houma

Submitted By
LTG AND ELEC ASSOC OF NRLNS

Type	Manufacturer/Brand	Catalog Number	Notes
F1	ABL-Lithonia Lighting	WPX2 LED 40K MVOLT DDBXD M2	
FA	ABL-Lithonia Lighting	EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT	
FA2	ABL-Lithonia Lighting	CPX 2X4 ALO8 SWW7 M2	
FA2X	ABL-Lithonia Lighting	CPX 2X4 ALO8 SWW7 IE10WCP	
FAX	ABL-Lithonia Lighting	EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP	
FB	ABL-Lithonia Lighting	ZL1D L48 3000LM FST MVOLT 35K 80CRI WH	
FBX	ABL-Lithonia Lighting	ZL1D L48 3000LM FST MVOLT 35K 80CRI E10WLCP WH	
FC	EELP	CGF18-WHW	
	EELP	CGF2-WC	
X1	ABL-Lithonia Lighting	LQM S W 3 R MVOLT EL N SD M6	
LCP	ABL-Acuity Brands Controls	ARP INTENC08 NLT 8FCR MVOLT SC SM DTC	
PC	ABL-Acuity Brands Controls	NIO PC KIT	
OS	ABL-Acuity Brands Controls	CM PDT 9	
PP	ABL-Acuity Brands Controls	PP20	
$OS	ABL-Acuity Brands Controls	WSXA PDT XX	
$0D	ABL-Acuity Brands Controls	WSXA PDT D XX	
	Acuity Brands Lighting	ACUITY WARRANTY	
	Acuity Brands Lighting	ACUITY EMERGENCY WARRANTY	
	Acuity Brands Lighting	ACUITY CONTROLS WARRANTY	
	EELP	EELP WARRANTY	

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WPX2 LED 40K MVOLT DDBXD M2 Note:	Type F1

WPX LED
Wall Packs

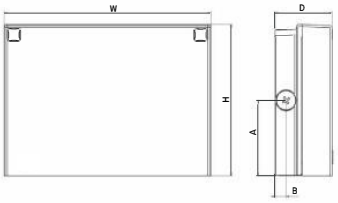
Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications



Front View **Side View**

Luminaire	Height (H)	Width (W)	Depth (D)	Side Conduit Location		Weight
				A	B	
WPX1	8.1" (20.6 cm)	11.1" (28.3 cm)	3.2" (8.1 cm)	4.0" (10.3 cm)	0.6" (1.6 cm)	6.1 lbs (2.8kg)
WPX2	9.1" (23.1 cm)	12.3" (31.1 cm)	4.1" (10.5 cm)	4.5" (11.5 cm)	0.7" (1.7 cm)	8.2 lbs (3.7kg)
WPX3	9.5" (24.1 cm)	13.0" (33.0 cm)	5.5" (13.7 cm)	4.7" (12.0 cm)	0.7" (1.7 cm)	11.0 lbs (5.0kg)

Introduction

The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing solutions for both HID wall pack replacement and new construction opportunities. Available in three sizes, the WPX family delivers 1,550 to 9,200 lumens with a wide, uniform distribution.

The WPX full cut-off solutions fully cover the footprint of the HID glass wall packs that they replace, providing a neat installation and an upgraded appearance. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life. Photocell and emergency egress battery options make WPX ideal for every wall mounted lighting application.

Ordering Information

EXAMPLE: WPX2 LED 40K MVOLT DDBXD

WPX2 LED	40K	MVOLT		DDBXD
Series	**Color Temperature**	**Voltage**	**Options**	**Finish**
WPX1 LED P1 1,550 Lumens, 11W [1]	30K 3000K	MVOLT 120V - 277V	(blank) None	DDBXD Dark bronze
WPX1 LED P2 2,900 Lumens, 24W	40K 4000K	347 347V [3]	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) [2]	DWHXD White
WPX2 LED 6,000 Lumens, 47W	50K 5000K		E14WC Emergency battery backup, CEC compliant (14W, -20°C min) [2]	DBLXD Black
WPX3 LED 9,200 Lumens, 69W			PE Photocell [3]	Note : For other options, consult factory.

Note: The lumen output and input power shown in the ordering tree are average representations of all configuration options. Specific values are available on request.

NOTES

1. All WPX wall packs come with 6kV surge protection standard, except WPX1 LED P1 package which comes with 2.5kV surge protection standard. Add SPD6KV option to get WPX1 LED P1 with 6kV surge protection.
   Sample nomenclature: WPX1 LED P1 40K MVOLT SPD6KV DDBXD
2. Battery pack options only available on WPX1 and WPX2.
3. Battery pack options not available with 347V and PE options.

FEATURES & SPECIFICATIONS

INTENDED USE
The WPX LED wall packs are designed to provide a cost-effective, energy-efficient solution for the one-for-one replacement of existing HID wall packs. The WPX1, WPX2 and WPX3 are ideal for replacing up to 150W, 250W, and 400W HID luminaires respectively. WPX luminaires deliver a uniform, wide distribution. WPX is rated for -40°C to 40°C.

CONSTRUCTION
WPX feature a die-cast aluminum main body with optimal thermal management that both enhances LED efficacy and extends component life. The luminaires are IP66 rated, and sealed against moisture or environmental contaminants.

ELECTRICAL
Light engine(s) configurations consist of high-efficacy LEDs and LED lumen maintenance of L90/100,000 hours. Color temperature (CCT) options of 3000K, 4000K and 5000K with minimum CRI of 70. Electronic drivers ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection (Note: WPX1 LED P1 package comes with a standard surge protection rating of 2.5kV. It can be ordered with an optional 6kV surge protection).
All photocell (PE) operate on MVOLT (120V - 277V) input.

Note: The standard WPX LED wall pack luminaires come with field-adjustable drive current feature. This feature allows tuning the output current of the LED drivers to adjust the lumen output (to dim the luminaire).

INSTALLATION
WPX can be mounted directly over a standard electrical junction box. Three 1/2 inch conduit ports on three sides allow for surface conduit wiring. A port on the back surface allows poke-through conduit wiring on surfaces that don't have an electrical junction box. Wiring can be made in the integral wiring compartment in all cases. WPX is only recommended for installations with LEDs facing downwards.

LISTINGS
CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. IP66 Rated. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WPX2 LED 40K MVOLT DDBXD M2 Note:	Type F1

Performance Data

Electrical Load

Luminaire	Input Power (W)	120V	208V	240V	277V	347V
WPX1 LED P1	11W	0.09	0.05	0.05	0.04	0.03
WPX1 LED P2	24W	0.20	0.12	0.10	0.09	0.07
WPX2	47W	0.39	0.23	0.20	0.17	0.14
WPX3	69W	0.58	0.33	0.29	0.25	0.20

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a 25°C ambient, based on 6,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.94	>0.92	>0.90

HID Replacement Guide

Luminaire	Equivalent HID Lamp	WPX Input Power
WPX1 LED P1	100W	11W
WPX1 LED P2	150W	24W
WPX2	250W	47W
WPX3	400W	69W

Lumen Output

Luminaire	Color Temperature	Lumen Output
WPX1 LED P1	3000K	1,537
	4000K	1,568
	5000K	1,602
WPX1 LED P2	3000K	2,748
	4000K	2,912
	5000K	2,954
WPX2	3000K	5,719
	4000K	5,896
	5000K	6,201
WPX3	3000K	8,984
	4000K	9,269
	5000K	9,393

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Emergency Egress Battery Packs

The emergency battery backup is integral to the luminaire — no external housing or back box is required. The emergency battery will power the luminaire for a minimum duration of 90 minutes and deliver minimum initial output of 550 lumens. Both battery pack options are CEC compliant.

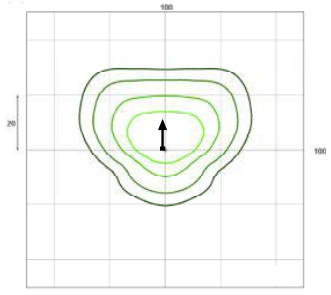
Battery Type	Minimum Temperature Rating	Power (Watts)	Controls Option	Ordering Example
Standard	0°C	4W	E4WH	WPX2 LED 40K MVOLT **E4WH** DDBXD
Cold Weather	-20°C	14W	E14WC	WPX2 LED 40K MVOLT **E14WC** DDBXD

Photometric Diagrams

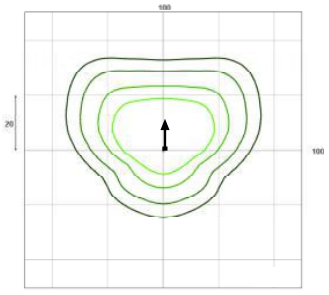
To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WPX LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

LEGEND
- 0.1 fc
- 0.2 fc
- 0.5 fc
- 1.0 fc

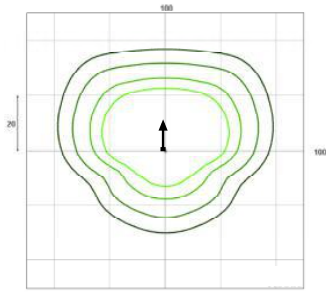
WPX1 LED P1



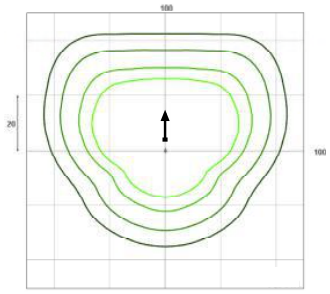
WPX1 LED P2



WPX2 LED



WPX3 LED



Mounting Height = 12 Feet.

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

LITHONIA LIGHTING®

DIGITAL NAVIGATION

Ordering Tree nLight Platform Sensor Switch JOT Photometrics Performance Data Drawings

Catalog Number	
Notes	
Type	

EPANL LED

1'x4', 2'x2', and 2'x4'

FEATURES & SPECIFICATIONS

INTENDED USE — The EPANL Series LED Edge-Lit Flat Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space. Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, hospitals and healthcare facilities. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — This edgelit platform was built to last with an aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The PMMA light guide plate and lens resists yellowing and transmits light with superior efficacy. The satin white lens provides excellent shielding and fully luminous appearance. EPANL's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into 15/16" or 9/16" T-grid ceilings. Fixture may be recessed, suspended, surface box mounted or mounted in a hard-ceiling see accessories section for more information. Fixture may be mounted and wired in continuous rows.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

Integrated Smart Sensor (nLight Air Wireless Platform): The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CL**AIR**ITY+, which allows for simple sensor adjustment.

Integrated Wireless Sensor (single room control): Sensor Switch VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 7 for more details on the integrated wireless sensor.

ELECTRICAL — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. See page 3 for detailed lumen maintenance information. 0-10V dimming driver, dims to 1% or 10% and contains non-isolated dimming leads.

LISTINGS — CSA Certified to meet US and Canadian standards. Tested to meet UL1598. Intended for indoor use only. Product is not to be stored in non-climate controlled spaces.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Damp location listed. IC rated. IP5X rated. Long nomenclature, configurable product is rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. Tested in accordance with ISO 14644-1; suitable for ISO Class 5–9 positive and negative pressure clean rooms. Suitable for ambient temperatures from 32°F (0°C) to 77°F (25°C).

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Dimensions

	1x4	2x2	2x4
Length	47.72"	23.70"	47.72"
Width	11.85"	23.70"	23.70"
Depth	2.19"	2.19"	2.19"
Weight	13.9 lbs	7.4 lbs	15.1 lbs

* Base configurations; options may add weight

Embed nLight controls today. Prepare for tomorrow.

Now	Tomorrow
User-friendly install	Scalability
Enhanced energy savings	Space configuration
Code compliance	Future-ready

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

A+ Capable options indicated by this color background.

ORDERING INFORMATION

Example: EPANL 2X4 4000LM 80CRI 35K MIN1 MVOLT E10WCP NLTAIR2 RIO

EPANL	2X4	6000LM		80CRI	40K	MIN1
Series	**Width and Length**	**Lumens**		**CRI**	**Color Temperature**	**Minimum Dimming Level ‡**
		Standard Lumens:	High Efficiency Lumens:			
EPANL LED Flat Panel	1x4 1'x4'	1500LM 1500 Lumens	1500LMHE 1500 Lumens	80CRI 80 CRI	30K 3000K	MIN10 Dims to 10% ‡
		3000LM 3000 Lumens	3000LMHE 3000 Lumens		35K 3500K	MIN1 Dims to 1%
		4000LM 4000 Lumens	4000LMHE 4000 Lumens		40K 4000K	
		4800LM 4800 Lumens	4800LMHE 4800 Lumens		50K 5000K	
		6000LM 6000 Lumens	6000LMHE 6000 Lumens			
	2x2 2'x2'	2000LM 2000 Lumens	2000LMHE 2000 Lumens			
		3400LM 3400 Lumens	3400LMHE 3400 Lumens			
		4000LM 4000 Lumens	4000LMHE 4000 Lumens			
		4800LM 4800 Lumens	4800LMHE 4800 Lumens			
	2x4 2'x4'	3000LM 3000 Lumens	3000LMHE 3000 Lumens			
		4000LM 4000 Lumens	4000LMHE 4000 Lumens			
		4800LM 4800 Lumens	4800LMHE 4800 Lumens			
		5400LM 5400 Lumens	5400LMHE 5400 Lumens			
		6000LM 6000 Lumens	6000LMHE 6000 Lumens			
		6800LM 6800 Lumens	6800LMHE 6800 Lumens			
		7200LM 7200 Lumens	7200LMHE 7200 Lumens			

ZT	MVOLT		
Dimming ‡	**Voltage**	**Step Level Dimming**	**Emergency Option**
ZT Generic 0-10V Dimming	MVOLT 120-277V	(Blank) None	E10WCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS ‡
EZT eldoLED 0-10V Dimming	120 120V	SLD Step Level Dimming ‡	GTD Generator Transfer Device ‡
DALI eldoLED DALI	277 277V		EMG for use with NLIGHT or NLTAIR2 on generator supply EM power ‡
	347 347V ‡		

Control Options

Control Input

nLight Wired:

NLIGHT	nLight enabled, no constant lumen management
CL80 NLIGHT	nLight enabled, constant lumen output 80%

nLight Wireless:

NLTAIR2	nLight AIR Generation 2 enabled ‡

Control

nLight Wired: ‡

(blank)	no control

nLight Wireless:

RIO	nLight AIR Radio module without sensor ‡
RES7	nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡
RES7PDT	nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡

Individual Control

J0T	Wireless room control with "Just One Touch" pairing ‡
J0TVTX15	Wireless occupancy sensor with "Just One Touch" pairing ‡

Options

GLR	Fast-blowing fuse ‡
GMF	Slow-blowing fuse ‡
PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit
PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit
PWS1846 PWSLV	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡
PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡
CP	Chicago plenum ‡
NPLT	Narrow Pallet
BDP	Factory Installed Ballast Disconnect Plug
RRL_	RELOC®-ready luminaire ‡

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restictions chart on the next page. Options are sorted alphanumerically.

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EPANL LED Flat Panel

‡ Option Value Ordering Restrictions	
Option Value	**Restriction**
347	Not available with SLD, E10WCP, or GTD options.
Dimming	If Step Level Dimming (SLD) or NLIGHT or NLTAIR2 is specified, leave this section blank.
CP	Not available with nLight wired (NLIGHT), nLight wireless (NLTAIR2). Not available with PWS1836, PWS1846, PWS1856LV, or PWS1846 PWSLV.
E10WCP	Refer to Emergency Battery Estimated Lumen section for lumen estimation. Test Switch must be remote mounted or installed in an adjacent ceiling tile. When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
EMG	Requires a connection to existing NLIGHT or NLTAIR2 network. Power is provided from separate nLight enabled fixture. When EMG is combined with NLTAIR2 see UL924 Sequence of Operation Chart on page 4.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
GTD	Not available with JOT, JOTVTX15, sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options. Example: GTD BSE10.
JOT, JOTVTX15	Not available with NLIGHT, DALI, SLD, GTD, EMG, or NLTAIR2 options.
MIN10	Not available with EZT, NLIGHT or DALI.
Minimum Dimming Level	If Step Level Dimming (SLD) is specified, leave this section blank.
NLTAIR2	Only available with MIN1 minimum dimming level option.
PWS1846 PWSLV	Not available with GTD, nLight wired, nLight wireless, NLIGHT or NLTAIR2.
PWS1856LV	Not available with nLight wired, nLight wireless, NLIGHT, or NLTAIR2.
RES7, RES7PDT, RIO	See UL924 Sequence of Operation chart on page 4. Can be used as a normal power sensing device for nLight Air devices and luminaries with EM options.
RRL_	For ordering logic consult RRL_2013.
SLD	Not available with with any nLight Interface, Control options, or GTD. When using prewire option use PWS1846.

Tunable White (Select SKUs Only)

Available SKUs:

*2735H0 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT
*2735H9 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT PWS1836
*2735HJ EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP
*2735HN EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP PWS1846

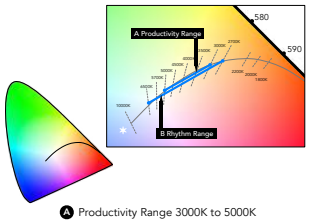
Operating Performance:

Nomenclature	CCT	Lumens	Efficacy	CRI
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 3000K	3105	4527.53	98.81	80.78
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 4000K	3974	4920.24	127.2	83.85
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 5000K	4925	5004.18	123.41	82.89

Mainstream Dynamic Tunable White with nTune Technology: Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Productivity Range of 3000K-5000K. Refer to the Programming User's Guide for instructions on customizing to your application with SensorView.

Tunable White GPHD

- **Gamut**: One dimensional Warm-Cool
- **Path**: Direct 3000K to 5000K (Productivity Range)
- **Handle**: Two Natural Language Handles: Intensity and CCT
- **Data**: nLight with nTune technology for both handles of control



A Productivity Range 3000K to 5000K

Lumen Maintenance:

EPANL	Reported Lumen Maintenance	Forecasted Lumen Maintenance
SE LEDs	L90 @ 41k Hrs / L80 @ >54k Hrs / L70 @>54k Hrs	L90 @ 41k Hrs / L80 @ 84k Hrs / L70 @ 134k Hrs
HE LEDs	L90 @ 44k Hrs / L80 @ >54k Hrs / L70 @ >54k Hrs	L90 @ 44k Hrs / L80 @ 93k Hrs / L70 @ 148k Hrs

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EPANL LED Flat Panel

ACCESSORIES

Accessories: *Order as separate catalog number.*	
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
PANLEM E10WCP BKT CVR	Field installable kit includes 10 watt battery, bracket and cover[1]
PANLEM BKT CVR	Field installable kit bracket and cover only, 10W battery NOT included[1]
2X2SMKSH	2'x2' Surface Mount Troffer Kit
2X4SMKSH	2'x4' Surface Mount Troffer Kit
1X4SMKSH	1'x4' Surface Mount Troffer Kit
BDP U	Field Installable Ballast Disconnect Plug
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2]
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2,3]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2]
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2,3]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2]
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2,3]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2]
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2,3]

Emergency Battery Estimated Lumens

Use the formula below to estimate the delivered lumens in emergency mode

Estimated Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055CP)

LPW = Lumen per watt rating of the luminaire.

SMKSH Accessory

Notes:
1. Test switch must be remote mounted or installed in an adjacent ceiling tile.
2. See Suspension Kits section below for additional detail.
3. For MVOLT only, not available with 347V

Emergency Battery Pack Options – Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

UL 924 Response – nLight AIR Devices with EM Option

The below information applies to all nLight AIR devices with an EM option.
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

star
SELF-TESTING AUTOMATED REPORTING

+

Field Installed Emergency LED Driver

ILB CP10 HE AELR A

Compliance Just Got Easier!

Emergency Lighting with Self Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Emergency lighting equipment enabled with STAR, automatically conducts the required monthly and annual tests, logs results within the units, and wirelessly communicates test data on demand to the CLARITY+ mobile app. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

DOWNLOAD CLAIRTY™+

Available on the App Store | ANDROID APP ON Google play

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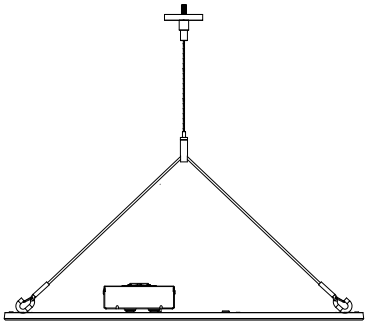
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

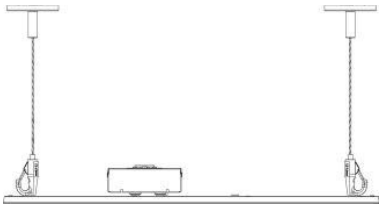
Suspension Kits

2 drops (1x4)

2 drops (2x2)



4 drops (2x4)



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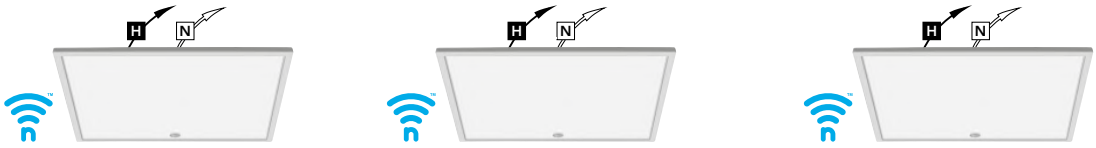
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

nLight Platform

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

nLight Air Wireless



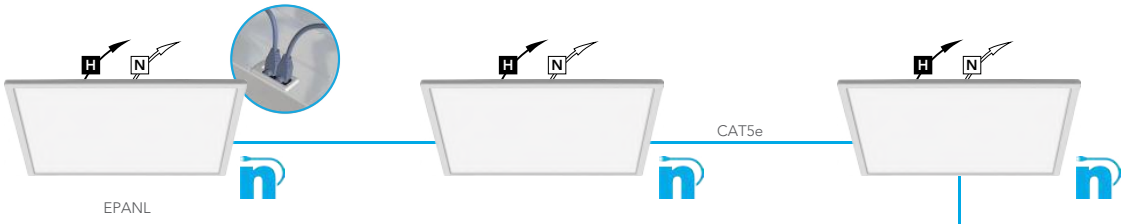
EPANL

Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CL***AIR***ITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODBA 2P DX G2 Mobile Device

nLight Wired Networking



EPANL

Simple as 1,2,3

1. Install the nLight® Wired fixtures with nIO control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)

nLight Wired nPODM 2P DX

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

Controls Accessories

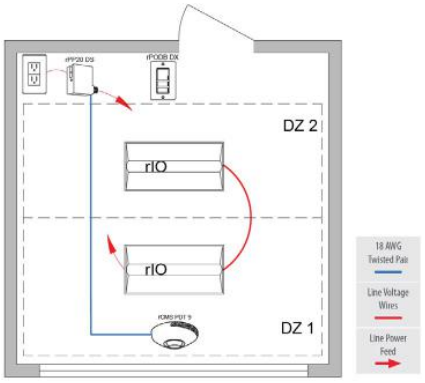
nLight® Wired Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	**Model number**	**Cat-5 cable (plenum rated)**	**Model number**
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2

EPANL fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.



rCMS[1] — **Example: RCMS PDT 10 AR G2**

Series / Detection		Power Supply[1]		Occupancy Detection		Lens (Required)		Operating Mode		Generation	
RCMS	nLight AIR occupancy and daylight sensor	[blank]	Power Supply ordered separately	[blank]	PIR Detection	10	Large Motion/ Extended Range 360°	[BLANK]	None	G2	Generation 2 compatibility
		PS 150	Standard 150 mA Power Supply	PDT	Dual Tech PIR/ Microphonics	9	Small Motion/ Extended Range 360°	AR	Auxiliary Relay		
						6	High Bay 360° Lens				

Notes
1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.

Sensor Switch WSX

nLight WIRED NPOD UNITOUCH

nLight WIRED nPODMA DX

nLight AIR rPODBA

EPANL with rES7 **rPODBA** **RCMS**

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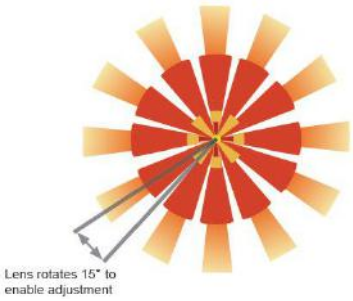
EPANL LED Flat Panel

Sensor Coverage Pattern
Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor

9 FT Mounting

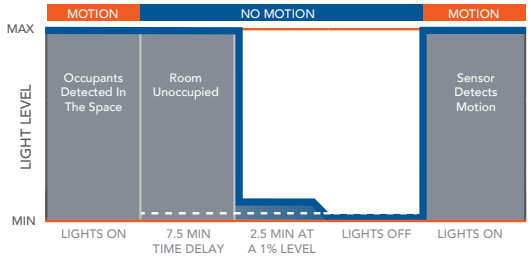


5.5	18
4.6	15
3.7	12
2.7	9
1.8	6
0.9	3
0 m	0 ft
0.9	3
1.8	6
2.7	9
3.7	12
4.6	15
5.5	18

nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated rES7 or rES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

Sequence of Operation (nES7 and Sensor)



*The presetting on the automatic dimming photocell is 10fc (RES7).

Sensor Switch JOT

JOT
Just One Touch

Sensor Switch JOT Enabled Wireless Solution

Designed with contractors in mind, the Sensor Switch JOT enabled wireless solution offers a straightforward approach to the installation and pairing of lighting fixtures and controls. Absolutely no 0-10V control wires and no mobile apps are needed with JOT enabled products, allowing for lightning speed installation right out of the box.

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

EPANL Series with integrated JOT OCC Sensors

EPANL Series

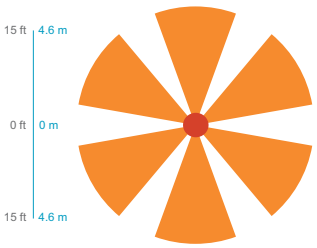
Sensor Switch SPODMRA JOT

Sensor Switch WSXA JOT

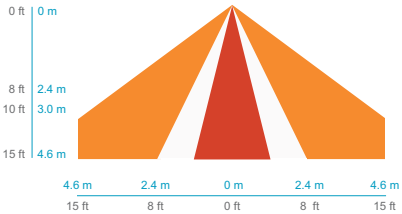
15F - LARGE MOTION EXTENDED RANGE 360

- Optimized full coverage from 8 ft - 15 ft (2.4 m - 4.5 m) mounting heights
- Reliable detection of large motion (e.g. pedestrian walking traffic)
- 1.3 x mounting height equals approximate detection range

TOP VIEW



SIDE VIEW



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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 1X4 1500LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1574	14	113	PII6VKUP
EPANL 1X4 1500LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1574	14	113	
EPANL 1X4 1500LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1637	14	117	P7MFGP4R
EPANL 1X4 1500LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1637	14	117	
EPANL 1X4 1500LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1699	14	122	PS9YYB0V
EPANL 1X4 1500LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1699	14	122	
EPANL 1X4 1500LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 1500LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2960	27	110	P5L7HREA
EPANL 1X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2960	27	110	
EPANL 1X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3078	27	114	PICJQWDG
EPANL 1X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3078	27	114	
EPANL 1X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3197	27	119	P4AJ0GI1
EPANL 1X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3197	27	119	
EPANL 1X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 4000LHME 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3426	31	111	
EPANL 1X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3963	37	107	P4SKVRJP
EPANL 1X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	107	
EPANL 1X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4116	37	111	PFCL1300
EPANL 1X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4116	37	111	
EPANL 1X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4633	45	104	PVIRS0QB
EPANL 1X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4633	45	104	
EPANL 1X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4807	45	108	PIQUALNF
EPANL 1X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4807	45	108	
EPANL 1X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4923	45	110	PR3K6SHH
EPANL 1X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4923	45	110	
EPANL 1X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4967	45	111	PIS28T0X
EPANL 1X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4967	45	111	
EPANL 1X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5156	44	116	PKIBC75K

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EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 1X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5156	44	116	
EPANL 1X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5272	44	119	PNX0E6ZR
EPANL 1X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5272	44	119	
EPANL 1X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5490	44	124	PF0B5KQD
EPANL 1X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5490	44	128	
EPANL 1X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5665	44	128	PEC0GL65
EPANL 1X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5665	44	130	
EPANL 1X4 6000LM 80CRI 30K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5953	55	109	PSBGKZ54
EPANL 1X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5953	51	117	P25AS4VV
EPANL 1X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5953	51	117	
EPANL 1X4 6000LM 80CRI 35K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5997	55	110	P8R62RB3
EPANL 1X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5997	51	118	PEC0ZVXY
EPANL 1X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5997	51	118	
EPANL 1X4 6000LM 80CRI 40K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6171	55	113	PC28H7F3
EPANL 1X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6171	51	121	PJ2LT8RF
EPANL 1X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6171	51	121	
EPANL 1X4 6000LM 80CRI 50K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6240	55	114	PIY822O4
EPANL 1X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6240	51	123	PL6024K5
EPANL 1X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6240	51	123	
EPANL 2X2 2000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2071	19	110	P7I6D3WI
EPANL 2X2 2000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2071	19	110	
EPANL 2X2 2000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2154	19	115	PPTL71HY
EPANL 2X2 2000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2154	19	115	
EPANL 2X2 2000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2237	19	119	P0OY8NZ2
EPANL 2X2 2000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2237	19	119	
EPANL 2X2 2000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 2000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 3400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3291	30	109	P2QQIV0K
EPANL 2X2 3400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3291	30	109	
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3428	30	113	PQAFPPJ6
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3566	30	118	PY8MM627
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	3566	30	118	PMKTPCS2
EPANL 2X2 3400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3566	30	118	
EPANL 2X2 3400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3703	30	122	PCRM0D2R
EPANL 2X2 3400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3703	30	122	
EPANL 2X2 3400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3198	27	121	PWJ6HVP3
EPANL 2X2 3400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3198	27	121	
EPANL 2X2 3400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3285	27	124	PBV78YXA
EPANL 2X2 3400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3285	27	124	
EPANL 2X2 3400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3399	27	128	PBMBSQA8
EPANL 2X2 3400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3399	27	128	
EPANL 2X2 3400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3477	27	131	PU32L41S
EPANL 2X2 3400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3477	27	131	
EPANL 2X2 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4121	37	110	PW0040LR
EPANL 2X2 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4121	37	110	
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4280	37	114	P2O6CXK4
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3978	33	121	
EPANL 2X2 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3978	33	121	

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X2 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4843	45	109	PS2AC19A
EPANL 2X2 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4843	45	109	
EPANL 2X2 4800LM 80CRI 50K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4886	45	110	P89SURCD
EPANL 2X2 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X2 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3141	29	110	P4PIGUFW
EPANL 2X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3141	29	110	
EPANL 2X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3266	29	115	PSPB7FBG
EPANL 2X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3266	29	115	
EPANL 2X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3392	29	119	PSL0A6G7
EPANL 2X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3392	29	119	
EPANL 2X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2943	23	129	PNSQ2LMI
EPANL 2X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2943	23	129	
EPANL 2X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2986	23	131	P84A41CZ
EPANL 2X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2986	23	131	
EPANL 2X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3071	23	135	P0S68XSR
EPANL 2X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3071	23	135	
EPANL 2X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3114	23	137	PW2SY5X9
EPANL 2X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3114	23	137	
EPANL 2X4 3760LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	3984	27	147	PQMB5PAR
EPANL 2X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4077	38	108	PG2MH0ZE
EPANL 2X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4077	38	108	
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4240	38	113	PNKUCIIA
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4403	38	117	P94H4XFG
EPANL 2X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4403	38	117	
EPANL 2X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3874	31	123	PT1H08CF
EPANL 2X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	31	123	
EPANL 2X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3930	31	125	P8VKRLEE
EPANL 2X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3930	31	125	
EPANL 2X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4042	31	129	PW2KT9FQ
EPANL 2X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4042	31	129	
EPANL 2X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4098	31	130	PD7JL7CS
EPANL 2X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4098	31	130	
EPANL 2X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4998	45	111	P8FFEBQH
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5119	45	113	PL3AU798
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5164	45	114	P8TD4A4V
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5164	48	107	
EPANL 2X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5164	45	114	

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 5000LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5218	37	141	PL4KIXE5
EPANL 2X4 5400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5345	49	109	PJAPOIUK
EPANL 2X4 5400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5345	49	109	
EPANL 2X4 5400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5546	49	113	PVKKX9GJ
EPANL 2X4 5400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5546	49	113	
EPANL 2X4 5400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5679	49	116	P31GEZNP
EPANL 2X4 5400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5679	49	116	
EPANL 2X4 5400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5730	49	117	PWRHGEH4
EPANL 2X4 5400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5730	49	117	
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5302	41	131	P3J0AC0V
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5302	41	128	PNWXLXM3
EPANL 2X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5302	41	131	
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5421	41	134	P4E4JYPW
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5421	41	131	PPKAFL54
EPANL 2X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5421	41	134	
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5645	41	139	PWC0NHMW
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5645	41	137	PZRLJ13L
EPANL 2X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5645	41	139	
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5825	41	144	PDKG7XHY
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5825	41	141	P367S8NK
EPANL 2X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5825	41	144	
EPANL 2X4 5757LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5776	40	143	P71Q69QD
EPANL 2X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6318	50	126	PCMK605N
EPANL 2X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6318	50	126	
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6364	50	127	PMHI2SAT
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6364	55	115	PD2QM1LA
EPANL 2X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6364	50	127	
EPANL 2X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6548	50	131	P4H3UGFQ
EPANL 2X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6548	50	132	
EPANL 2X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6622	50	132	P167DCJS
EPANL 2X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6622	50	132	
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5755	43	135	P6JUAFCI
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5755	45	128	PDDV7M0A
EPANL 2X4 6000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5755	43	135	
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5884	43	138	PENZU105
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5884	45	131	PIVHYPPI
EPANL 2X4 6000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5884	43	138	
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6127	43	144	P2GV0F0B
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6127	45	136	PBOA5LE2
EPANL 2X4 6000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6127	43	144	
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6322	43	148	PZZYBV55
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6322	45	140	P888TM5U
EPANL 2X4 6000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6322	43	148	
EPANL 2X4 6800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7013	62	113	PSV30WTM
EPANL 2X4 6800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7013	62	113	
EPANL 2X4 6800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7064	62	114	PWGICRXA
EPANL 2X4 6800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7064	62	114	
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7269	62	117	PPU6PYNE
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7269	62	111	PTRH2WMJ
EPANL 2X4 6800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7269	62	117	
EPANL 2X4 6800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7351	62	118	PHDE0RE3
EPANL 2X4 6800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7351	62	118	
EPANL 2X4 6800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6450	48	135	PTT9MBX1
EPANL 2X4 6800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6450	48	135	
EPANL 2X4 6800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6596	48	138	PICAPAMD
EPANL 2X4 6800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6596	48	138	
EPANL 2X4 6800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6868	48	144	P8IULOJ1
EPANL 2X4 6800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6868	48	144	

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X4 6800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7086	48	149	PUZSXKJQ
EPANL 2X4 6800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7086	48	149	
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7388	66	113	PWVK6LER
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7388	70	106	
EPANL 2X4 7200LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7388	66	111	
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7442	66	112	P57KW7H4
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7442	70	107	
EPANL 2X4 7200LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7442	66	112	
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7657	66	115	P2GQ1ISA
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7657	70	110	PNWQLGKR
EPANL 2X4 7200LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7657	66	115	
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7744	66	117	PQMRLFRM
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7744	70	111	PIIH4OFQ
EPANL 2X4 7200LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7744	66	117	
EPANL 2X4 7200LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6792	50	137	PJNOUK7J
EPANL 2X4 7200LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6792	50	137	
EPANL 2X4 7200LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6945	50	140	PHWEYL0D
EPANL 2X4 7200LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6945	50	140	
EPANL 2X4 7200LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7232	50	146	PW3RZAG0
EPANL 2X4 7200LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7232	50	146	
EPANL 2X4 7200LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7462	50	151	PPYDM8D6
EPANL 2X4 7200LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7462	50	151	

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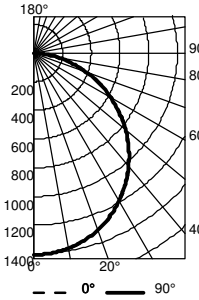
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

EPANL LED Flat Panel

PHOTOMETRICS

Full Photometric data is available on Lithonia.acuitybrands.com

EPANL 2x2 4000LM 80CRI 40K, 4121 delivered lumens.



CP Summary

	0°	90
0°	1405	1405
5°	1401	1400
15°	1353	1352
25°	1258	1254
35°	1114	1113
45°	940	934
55°	733	727
65°	512	506
75°	280	275
85°	75	73
90	1	1

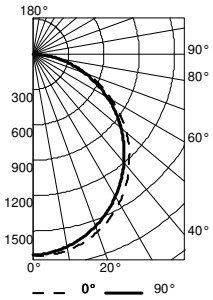
Coefficients of Utilization

RCR	pf 20% pc 80% 70%50%30%	70% 50%30%10%	50% 50%30%10%
0	119 119 119	116 116 116	111 111 111
1	108 103 99	101 97 94	97 94 91
2	98 90 83	88 82 76	84 79 74
3	90 79 70	77 69 63	74 68 62
4	82 70 61	68 60 54	66 59 53
5	75 62 53	61 52 46	59 51 46
6	69 56 47	55 46 40	53 45 40
7	64 51 42	50 41 35	48 41 35
8	60 46 38	46 37 32	44 37 31
9	56 42 34	42 34 28	41 33 28
10	52 39 31	39 31 26	38 31 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1099	26.7	26.7
0° - 40°	1802	43.7	43.7
0° - 60°	3200	77.6	77.6
0° - 90°	4120	100.0	100.0
90° - 120°	1	0.0	0.0
90° - 130°	1	0.0	0.0
90° - 150°	1	0.0	0.0
90° - 180°	1	0.0	0.0
0° - 180°	4121	100.0	100.0

EPANL 2x4 4800LM 80CRI 40K, 5119 delivered lumens.



CP Summary

	0°	90
0°	1703	1703
5°	1707	1689
15°	1653	1610
25°	1535	1477
35°	1364	1300
45°	1154	1086
55°	903	851
65°	636	593
75°	354	335
85°	103	103
90	3	13

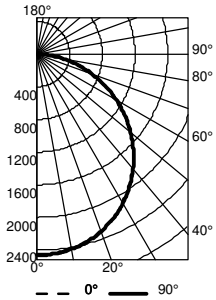
Coefficients of Utilization

RCR	pf 20% pc 80% 70%50%30%	70% 50%30%10%	50% 50%30%10%
0	119 119 119	116 116 116	111 111 111
1	108 103 99	101 97 93	97 94 91
2	98 90 83	88 82 76	84 79 74
3	90 79 70	77 69 63	74 68 62
4	82 70 61	68 60 54	66 59 53
5	75 62 53	61 52 46	59 51 46
6	69 56 47	55 46 40	53 46 40
7	64 51 42	50 41 35	48 41 35
8	60 46 38	46 37 32	44 37 31
9	56 42 34	42 34 28	41 33 28
10	52 39 31	39 31 26	38 31 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1330	26.7	26.7
0° - 40°	2179	43.8	43.8
0° - 60°	3862	77.6	77.6
0° - 90°	4975	100.0	100.0
90° - 120°	1	0.0	0.0
90° - 130°	1	0.0	0.0
90° - 150°	1	0.0	0.0
90° - 180°	1	0.0	0.0
0° - 180°	4976	100.0	100.0

EPANL 2x4 6800LM 80CRI 40K, 7269 delivered lumens.



CP Summary

	0°	90
0°	2461	2461
5°	2461	2451
15°	2387	2376
25°	2221	2218
35°	1977	1975
45°	1674	1671
55°	1311	1317
65°	911	921
75°	508	521
85°	136	158
90	1	15

Coefficients of Utilization

RCR	pf 20% pc 80% 70%50%30%	70% 50%30%10%	50% 50%30%10%
0	119 119 119	116 116 116	111 111 111
1	108 103 99	101 97 93	97 94 90
2	98 90 83	88 81 76	84 79 74
3	89 79 70	77 69 63	74 67 62
4	82 70 61	68 60 53	66 58 53
5	75 62 53	61 52 46	59 51 45
6	69 56 47	55 46 40	53 45 40
7	64 51 42	50 41 35	48 41 35
8	60 46 37	45 37 31	44 37 31
9	56 42 34	42 34 28	41 33 28
10	52 39 31	38 31 26	37 30 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1927	26.5	26.5
0° - 40°	3164	43.5	43.5
0° - 60°	5632	77.5	77.5
0° - 90°	7271	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	7271	100.0	100.0

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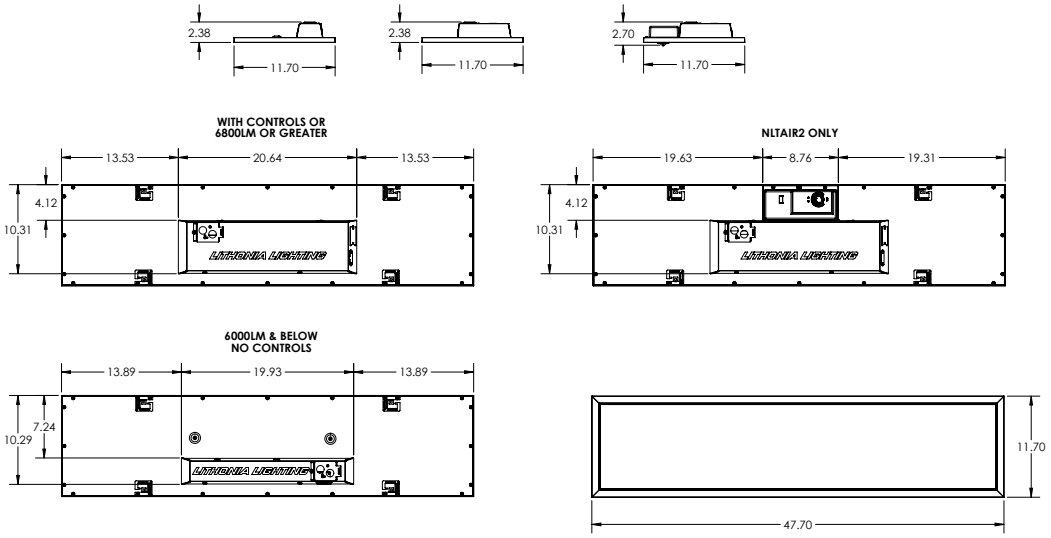
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT Note:	Type FA

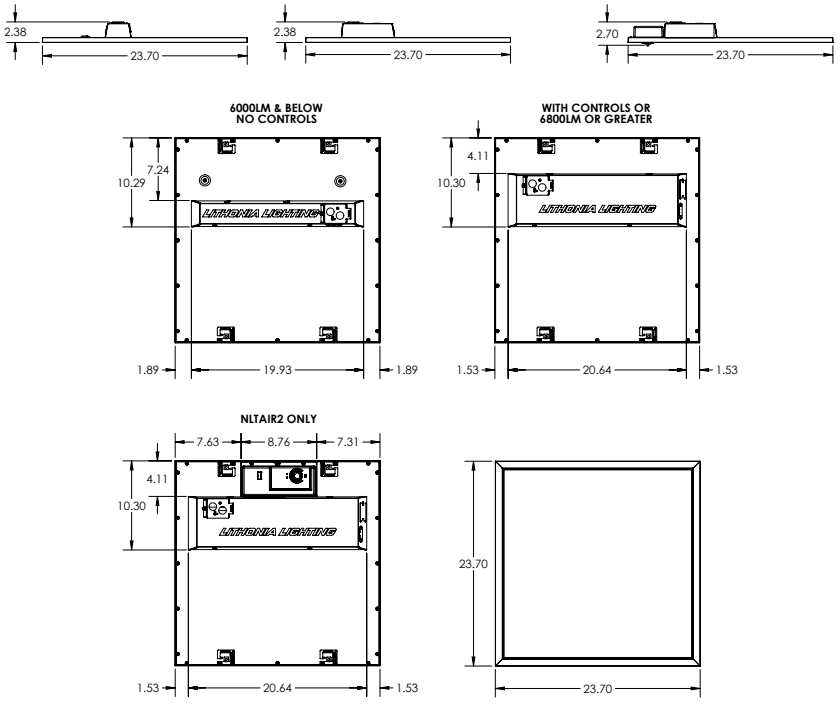
EPANL LED Flat Panel

DIMENSIONS

1X4 Configurations



2X2 Configurations



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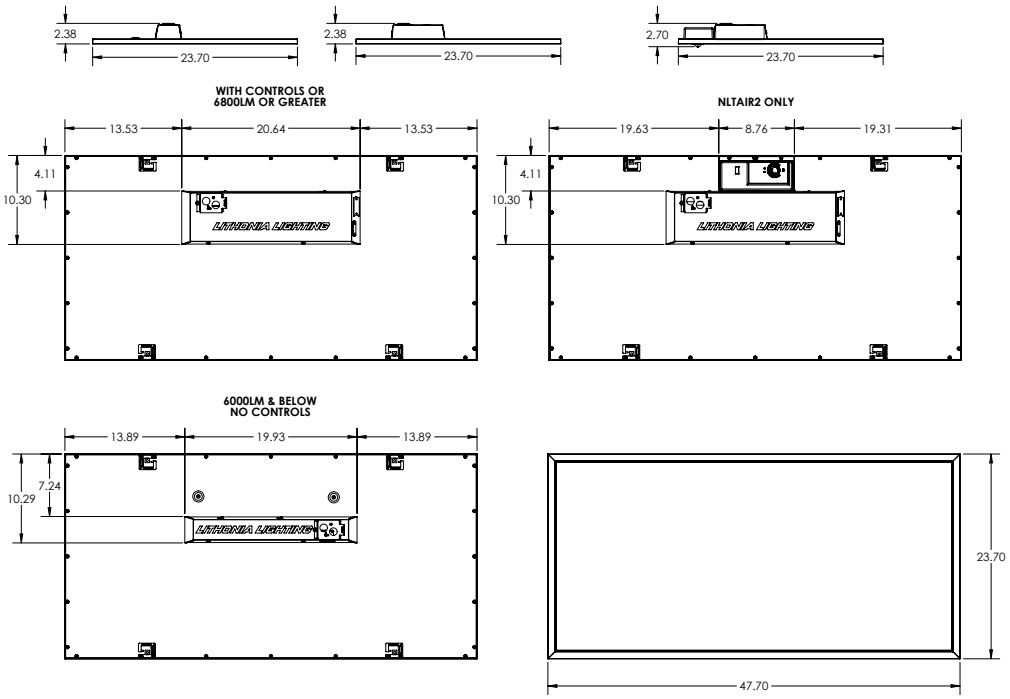
EPANL LED Flat Panel

DIMENSIONS (continued)

2X4 Configurations



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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 M2 Note:	Type FA2

LITHONIA LIGHTING®

DIGITAL NAVIGATION

Ordering Tree Platform Photometrics Performance Data

Catalog Number	
Notes	
Type	

CPX LED PANEL

Non-Configurable
1' x 4', 2' x 2'and 2' x 4'

FEATURES & SPECIFICATIONS

INTENDED USE — The CPX Series LED is a low-glare panel featuring an external driver. This cost-effective, reliable flat panel is visually comfortable and can be recessed mounted. Suitable for many applications such as schools, offices, retail, convenience stores, hospitals, healthcare facilities and other commercial spaces. Certain airborne contaminants can diminish integrity of acrylic. **Click here for Acrylic Environmental Compatibility table for suitable uses**. Adjustable Lumen (ALO7, ALO8) and Switchable White (SWW7) configurations available. **U.S. Patent No. 10,681,784.**

CONSTRUCTION — The extruded aluminum frame with satin white lens provides excellent shielding and uniform luminance. CPX's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into T-grid ceilings.

ELECTRICAL — Direct-lit Panel with Long-Life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L70>60,000). 0-10V dimming driver, dims to 10% and contains non-isolated dimming leads.

LISTINGS — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. IP5X Rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. NOM Certified.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

Switchable Lumens

† Tested in accordance with ISO 14644-1; suitable in ISO Class 5-9 positive and negative pressure clean rooms.

Non-Configurable FIXTURES

ORDERING INFORMATION

Catalog Number	UPC	Description	Lumens	Color Temperature	CRI	Voltage	Wattage	Efficacy	Pallet Qty.
CPX 2X4 4000LM 40K M2	191848338506	2x4 LED Panel	4692	4000K	80	120-277	38.9	121	20
CPX 1X4 ALO7 SWW7 M4	194994568063	1X4 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	40
CPX 1X4 ALO7HE SWW7 UVOLT M4 ‡	194994625926	1X4 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	40
CPX 1X4 ALO7 SWW7 IE10WCP	194995604456	1X4 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	26
CPX 2X2 ALO7 SWW7 M4	193048542806	2X2 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	40
CPX 2X2 ALO7HE SWW7 UVOLT M4 ‡	194994371854	2X2 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	40
CPX 2X2 ALO7 SWW7 IE10WCP	194995604494	2X2 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	26
CPX 2X4 ALO8 SWW7 M2	193048542844	2X4 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	20
CPX 2X4 ALO8HE SWW7 UVOLT M2 ‡	194994371861	2X4 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	20
CPX 2X4 ALO8 SWW7 IE10WCP	194995604319	2X4 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	13

‡ Switchable CPX fixtures with IE10WCP will default to 5000K when in emergency mode.
‡ CPX UVOLT DLC Premium

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 M2 Note:	Type FA2

Non-Configurable CPX LED Flat Panel

SWITCHABLE PERFORMANCE DATA

CPX Switchable Table						
Size(ft)	**Nomenclature**	**Lumen Package**	**CCT**	**Lumen**	**Wattage**	**Efficacy**
1x4	CPX 1x4 ALO7 SWW7 M4	Low Lumen	3500K	2430	19.7	123.4
			4000K	2594	19.7	131.7
			5000K	2483	19.5	127.3
		Med Lumen	3500K	3289	28.4	115.8
			4000K	3583	27.2	131.7
			5000K	3369	28.2	119.5
		High Lumen	3500K	3914	35.7	109.6
			4000K	4280	33.7	127
			5000K	4009	35.5	112.9
2x2	CPX 2X2 ALO7 SWW7 M4	Low Lumen	3500K	2399	19.1	125.6
			4000K	2570	18.5	138.9
			5000K	2456	19.1	128.6
		Med Lumen	3500K	3356	28.7	116.9
			4000K	3649	27.5	132.7
			5000K	3427	28.5	120.2
		High Lumen	3500K	4131	37.5	110.2
			4000K	4564	35.8	127.5
			5000K	4212	37.3	112.9
2x4	CPX 2X4 ALO8 SWW7 M2	Low Lumen	3500K	3813	28.94	131.8
			4000K	4033	28.1	143.5
			5000K	3938	28.86	136.5
		Med Lumen	3500K	4677	36.8	127.1
			4000K	5009	35.55	140.9
			5000K	4834	36.65	131.9
		High Lumen	3500K	6048	50.56	119.6
			4000K	6563	48.53	135.2
			5000K	6241	50.24	124.2

Product Type	**Size(ft)**	**Nomenclature**	**Lumen Package**	**CCT (K)**	**Lumen**	**Wattage**	**Lumen/Wattage**
CPX G2 Switchable CCT and Lumen Select UVOLT Premium	2x2	CPX 2X2 ALO7HE SWW7 UVOLT M4	Low Lumen	3500K	2258	15.8	142.9
				4000K	2323	15.4	150.8
				5000K	2278	15.8	144.2
			Med Lumen	3500K	3307	24.1	137.2
				4000K	3429	23.2	147.8
				5000K	3325	24.0	138.6
			High Lumen	3500K	4168	31.9	130.6
				4000K	4401	30.5	144.3
				5000K	4208	31.7	132.7
	2x4	CPX 2X4 ALO8HE SWW7 UVOLT M2	Low Lumen	3500K	3939	27.6	142.7
				4000K	4060	27	150.4
				5000K	3980	27.5	144.7
			Med Lumen	3500K	3500	35.1	99.7
				4000K	5070	34	149.1
				5000K	4950	35	141.4
			High Lumen	3500K	6321	47.2	133.9
				4000K	6590	45.5	144.8
				5000K	6420	47	136.6
	1x4	CPX 1X4 ALO7HE SWW7 UVOLT M4	Low Lumen	3500K	2305	15.9	144.9
				4000K	2350	15.5	151.6
				5000K	2324	15.8	147.1
			Med Lumen	3500K	3368	23.9	140.9
				4000K	3474	23.1	150.4
				5000K	3404	24	141.8
			High Lumen	3500K	4242	31.3	135.5
				4000K	4445	30.1	147.7
				5000K	4297	31.3	137.3

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Non-Configurable CPX LED Flat Panel

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ACCESSORIES

Accessories: *Order as separate catalog number.*

ILBLP CP10 HE SD A	IOTA 10 Watt Constant Power, High Efficiency LED Emergency Driver for CA Title 20 ‡
ELA PSDMT	Remote mount tray for ILBLP battery.
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSH	Multi-Use Surface Mount Kit 1x4, Shallow Depth
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1]
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

Emergency Battery Delivered Lumens

Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055)

LPW = Lumen per watt rating of the luminaire.

Notes

1 For MVOLT only, not available with 347V.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at productsupportemergency@acuitybrands.com for any Emergency Battery related questions.

Lumen Maintenance

Reported Lumen Maintenance	Forecasted Lumen Maintenance
L90 @ 52k Hrs / L80 @ >60k Hrs / L70 @ >60k Hrs	L90 @ 52k Hrs / L80 @ 108k Hrs / L70 @ 170k Hrs

*Note - Reported LM based on IES standard 6X test period for LM-80 report. Forecasted LM based on TM-21 report extrapolation past 6X LM-80 testing.

CPX compatible with Sensor Switch™ WSX-D and SPOD wall switches.

WSX-D

SPOD

PHOTOMETRICS

See www.lithonia.com for photometry reports.

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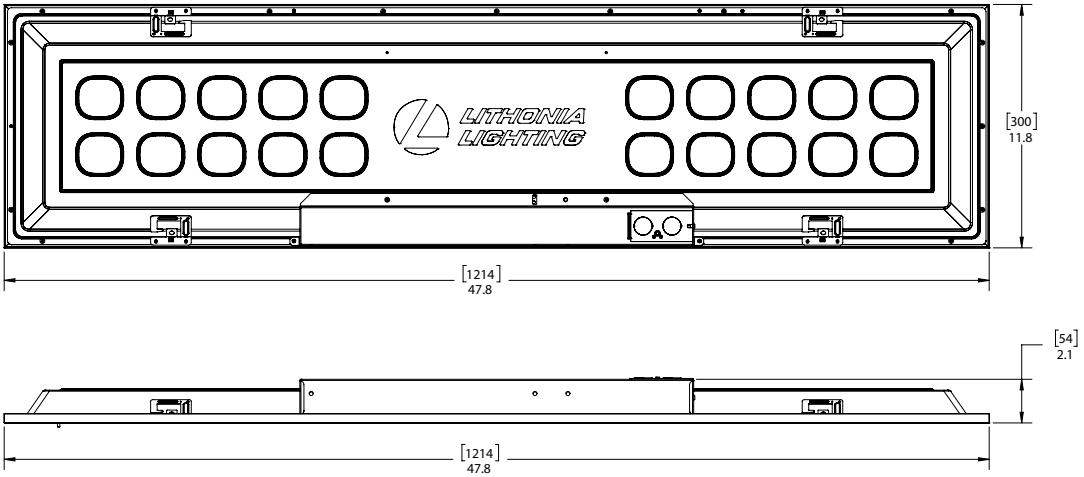
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 M2 Note:	Type FA2

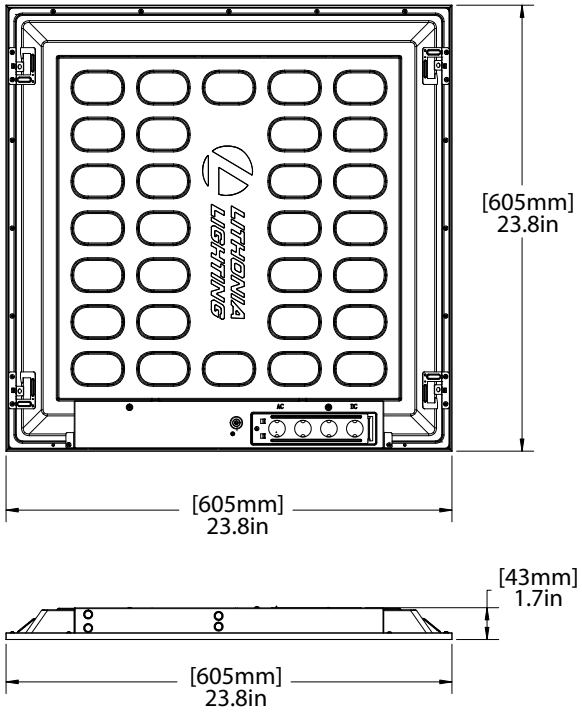
Non-Configurable CPX LED Flat Panel

DIMENSIONS

Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 2.1" 5.4cm
Weight:
Unit: 8.11lbs
Unit Carton: 15.1lbs



Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 9.45lbs
Unit Carton: 10.45lbs
Master Carton: 39.5lbs



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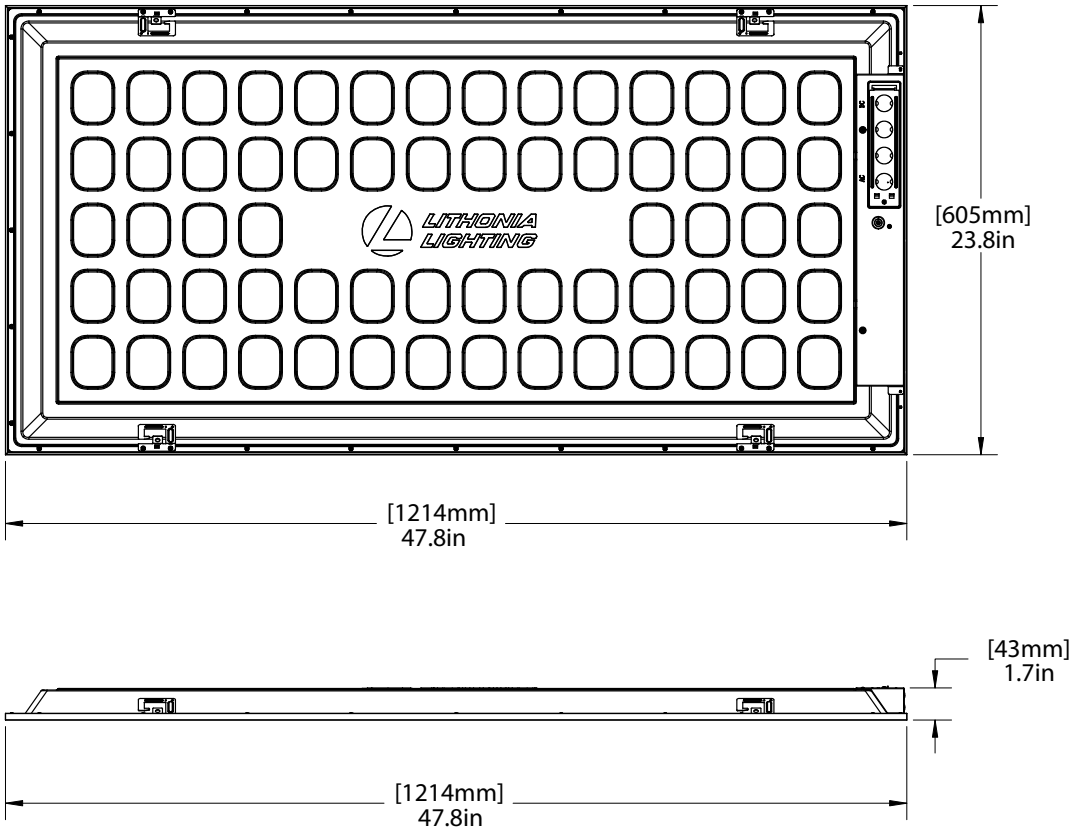
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 M2 Note:	Type FA2

Non-Configurable CPX LED Flat Panel

DIMENSIONS

Length: 47.8 (121.4)
Width: 23.8" 60.5cm
Depth: 1.7" 4.3CM
Weight:
Unit: 17.05lbs
Unit Carton: 19.05lbs
Master Carton: 36.55lbs



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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 IE10WCP Note:	Type FA2X

LITHONIA LIGHTING®

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Ordering Tree Platform Photometrics Performance Data

Catalog Number
Notes
Type

CPX LED PANEL

Non-Configurable
1' x 4', 2' x 2'and 2' x 4'

FEATURES & SPECIFICATIONS

INTENDED USE — The CPX Series LED is a low-glare panel featuring an external driver. This cost-effective, reliable flat panel is visually comfortable and can be recessed mounted. Suitable for many applications such as schools, offices, retail, convenience stores, hospitals, healthcare facilities and other commercial spaces. Certain airborne contaminants can diminish integrity of acrylic. **Click here for Acrylic Environmental Compatibility table for suitable uses**. Adjustable Lumen (ALO7, ALO8) and Switchable White (SWW7) configurations available. **U.S. Patent No. 10,681,784.**

CONSTRUCTION — The extruded aluminum frame with satin white lens provides excellent shielding and uniform luminance. CPX's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into T-grid ceilings.

ELECTRICAL — Direct-lit Panel with Long-Life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. Greater than 70% LED lumen maintenance at 60,000 hours (L70>60,000). 0-10V dimming driver, dims to 10% and contains non-isolated dimming leads.

LISTINGS — CSA certified to meet US and Canadian standards. Damp location listed. IC rated. IP5X Rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. NOM Certified.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

Switchable Lumens

† Tested in accordance with ISO 14644-1; suitable in ISO Class 5-9 positive and negative pressure clean rooms.

Non-Configurable FIXTURES

ORDERING INFORMATION

Catalog Number	UPC	Description	Lumens	Color Temperature	CRI	Voltage	Wattage	Efficacy	Pallet Qty.
CPX 2X4 4000LM 40K M2	191848338506	2x4 LED Panel	4692	4000K	80	120-277	38.9	121	20
CPX 1X4 ALO7 SWW7 M4	194994568063	1X4 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	40
CPX 1X4 ALO7HE SWW7 UVOLT M4 ‡	194994625926	1X4 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	40
CPX 1X4 ALO7 SWW7 IE10WCP	194995604456	1X4 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	26
CPX 2X2 ALO7 SWW7 M4	193048542806	2X2 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	40
CPX 2X2 ALO7HE SWW7 UVOLT M4 ‡	194994371854	2X2 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	40
CPX 2X2 ALO7 SWW7 IE10WCP	194995604494	2X2 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	26
CPX 2X4 ALO8 SWW7 M2	193048542844	2X4 Switchable Panel	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	20
CPX 2X4 ALO8HE SWW7 UVOLT M2 ‡	194994371861	2X4 Switchable Panel	See Premium Switchable Table	3500K/4000K/5000K	>80	120-347	See Premium Switchable Table	See Premium Switchable Table	20
CPX 2X4 ALO8 SWW7 IE10WCP	194995604319	2X4 Switchable Panel with Battery ‡	See Switchable Table	3500K/4000K/5000K	>80	120-277	See Switchable Table	See Switchable Table	13

‡ Switchable CPX fixtures with IE10WCP will default to 5000K when in emergency mode.
‡ CPX UVOLT DLC Premium

Non-Configurable CPX LED Flat Panel

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SWITCHABLE PERFORMANCE DATA

CPX Switchable Table						
Size(ft)	Nomenclature	Lumen Package	CCT	Lumen	Wattage	Efficacy
1x4	CPX 1x4 ALO7 SWW7 M4	Low Lumen	3500K	2430	19.7	123.4
			4000K	2594	19.7	131.7
			5000K	2483	19.5	127.3
		Med Lumen	3500K	3289	28.4	115.8
			4000K	3583	27.2	131.7
			5000K	3369	28.2	119.5
		High Lumen	3500K	3914	35.7	109.6
			4000K	4280	33.7	127
			5000K	4009	35.5	112.9
2x2	CPX 2X2 ALO7 SWW7 M4	Low Lumen	3500K	2399	19.1	125.6
			4000K	2570	18.5	138.9
			5000K	2456	19.1	128.6
		Med Lumen	3500K	3356	28.7	116.9
			4000K	3649	27.5	132.7
			5000K	3427	28.5	120.2
		High Lumen	3500K	4131	37.5	110.2
			4000K	4564	35.8	127.5
			5000K	4212	37.3	112.9
2x4	CPX 2X4 ALO8 SWW7 M2	Low Lumen	3500K	3813	28.94	131.8
			4000K	4033	28.1	143.5
			5000K	3938	28.86	136.5
		Med Lumen	3500K	4677	36.8	127.1
			4000K	5009	35.55	140.9
			5000K	4834	36.65	131.9
		High Lumen	3500K	6048	50.56	119.6
			4000K	6563	48.53	135.2
			5000K	6241	50.24	124.2

Product Type	Size(ft)	Nomenclature	Lumen Package	CCT (K)	Lumen	Wattage	Lumen/Wattage
CPX G2 Switchable CCT and Lumen Select UVOLT Premium	2x2	CPX 2X2 ALO7HE SWW7 UVOLT M4	Low Lumen	3500K	2258	15.8	142.9
				4000K	2323	15.4	150.8
				5000K	2278	15.8	144.2
			Med Lumen	3500K	3307	24.1	137.2
				4000K	3429	23.2	147.8
				5000K	3325	24.0	138.6
			High Lumen	3500K	4168	31.9	130.6
				4000K	4401	30.5	144.3
				5000K	4208	31.7	132.7
	2x4	CPX 2X4 ALO8HE SWW7 UVOLT M2	Low Lumen	3500K	3939	27.6	142.7
				4000K	4060	27	150.4
				5000K	3980	27.5	144.7
			Med Lumen	3500K	3500	35.1	99.7
				4000K	5070	34	149.1
				5000K	4950	35	141.4
			High Lumen	3500K	6321	47.2	133.9
				4000K	6590	45.5	144.8
				5000K	6420	47	136.6
	1x4	CPX 1X4 ALO7HE SWW7 UVOLT M4	Low Lumen	3500K	2305	15.9	144.9
				4000K	2350	15.5	151.6
				5000K	2324	15.8	147.1
			Med Lumen	3500K	3368	23.9	140.9
				4000K	3474	23.1	150.4
				5000K	3404	24	141.8
			High Lumen	3500K	4242	31.3	135.5
				4000K	4445	30.1	147.7
				5000K	4297	31.3	137.3

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Non-Configurable CPX LED Flat Panel

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ACCESSORIES

Accessories: *Order as separate catalog number.*

ILBLP CP10 HE SD A	IOTA 10 Watt Constant Power, High Efficiency LED Emergency Driver for CA Title 20 ‡
ELA PSDMT	Remote mount tray for ILBLP battery.
DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
1X4SMKSH	Multi-Use Surface Mount Kit 1x4, Shallow Depth
2X2SMKSH	Multi-Use Surface Mount Kit 2x2, Shallow Depth
2X4SMKSH	Multi-Use Surface Mount Kit 2x4, Shallow Depth
1X4SMKSHP PAF	Multi-Use Surface Mount Kit 1X4 Post-Paint
2X2SMKSHP PAF	Multi-Use Surface Mount Kit 2X2 Post-Paint
2X4SMKSHP PAF	Multi-Use Surface Mount Kit 2X4 Post-Paint
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 2X2 or 1X4 Panel Fixture.[1]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4 or 2X2 or 1X4 Panel Fixtures.[1]
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

Emergency Battery Delivered Lumens

Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055)

LPW = Lumen per watt rating of the luminaire.

Notes

1 For MVOLT only, not available with 347V.

Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at productsupportemergency@acuitybrands.com for any Emergency Battery related questions.

Lumen Maintenance

Reported Lumen Maintenance	Forecasted Lumen Maintenance
L90 @ 52k Hrs / L80 @ >60k Hrs / L70 @ >60k Hrs	L90 @ 52k Hrs / L80 @ 108k Hrs / L70 @ 170k Hrs

*Note - Reported LM based on IES standard 6X test period for LM-80 report. Forecasted LM based on TM-21 report extrapolation past 6X LM-80 testing.

CPX compatible with Sensor Switch™ WSX-D and SPOD wall switches.

WSX-D

SPOD

PHOTOMETRICS

See www.lithonia.com for photometry reports.

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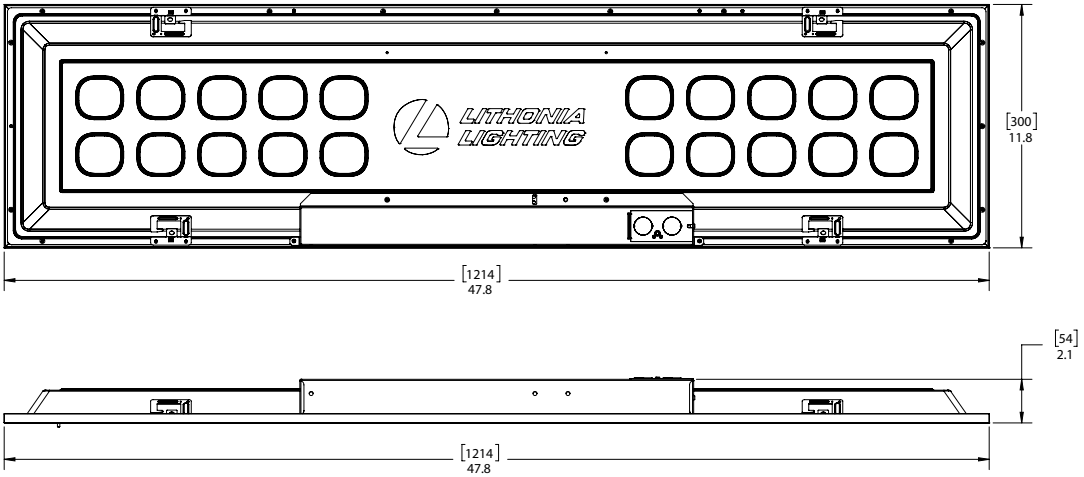
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 IE10WCP Note:	Type FA2X

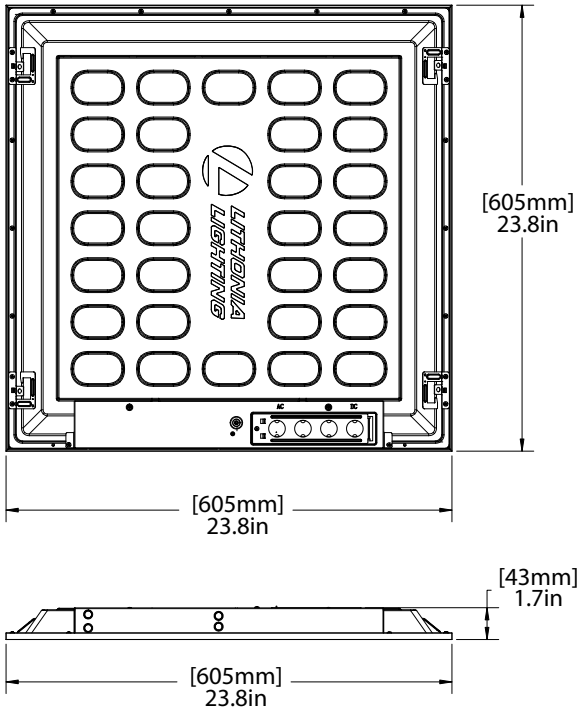
Non-Configurable CPX LED Flat Panel

DIMENSIONS

Length: 47.8" 121.4cm
Width: 11.8" 30.0cm
Depth: 2.1" 5.4cm
Weight:
Unit: 8.11lbs
Unit Carton: 15.1lbs



Length: 23.8" 60.5cm
Width: 23.8" 60.5cm
Depth: 1.7" 4.3cm
Weight:
Unit: 9.45lbs
Unit Carton: 10.45lbs
Master Carton: 39.5lbs



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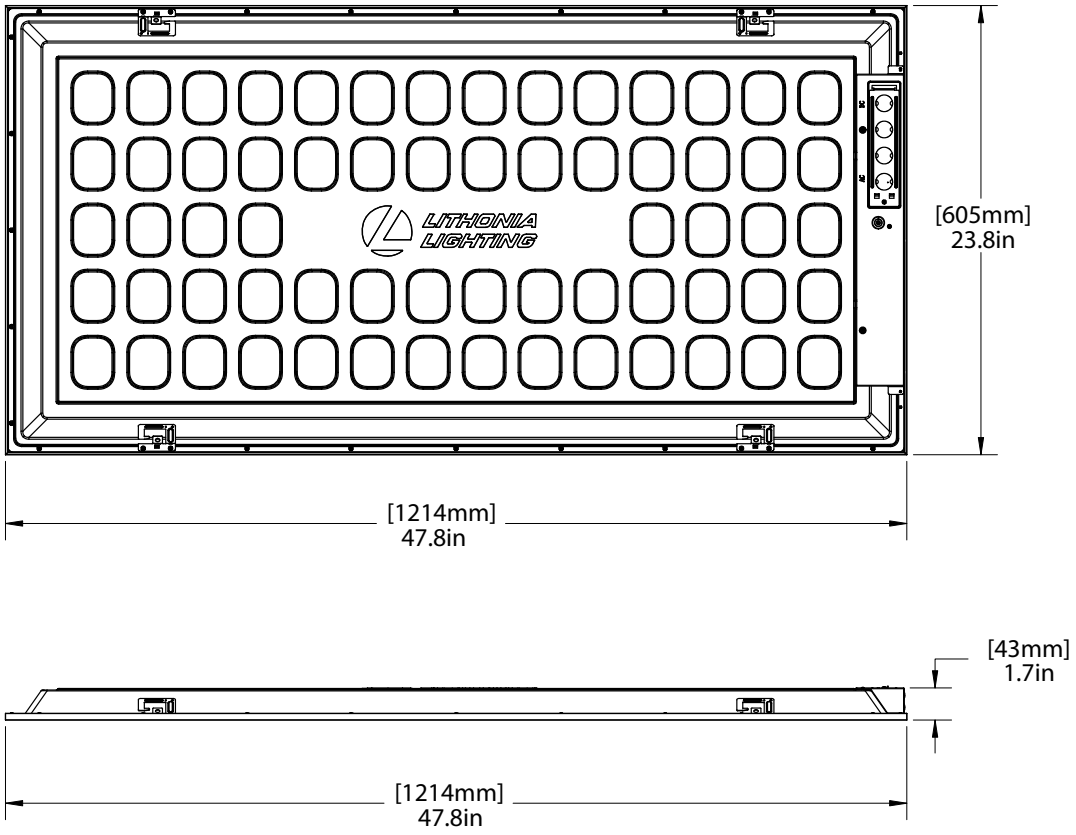
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CPX 2X4 ALO8 SWW7 IE10WCP Note:	Type FA2X

Non-Configurable CPX LED Flat Panel

DIMENSIONS

Length: 47.8 (121.4)
Width: 23.8" 60.5cm
Depth: 1.7" 4.3CM
Weight:
Unit: 17.05lbs
Unit Carton: 19.05lbs
Master Carton: 36.55lbs



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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

LITHONIA LIGHTING®

DIGITAL NAVIGATION

Ordering Tree nLight Platform Sensor Switch JOT Photometrics Performance Data Drawings

Catalog Number	
Notes	
Type	

EPANL LED

1'x4', 2'x2', and 2'x4'

FEATURES & SPECIFICATIONS

INTENDED USE — The EPANL Series LED Edge-Lit Flat Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space. Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, hospitals and healthcare facilities. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — This edgelit platform was built to last with an aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The PMMA light guide plate and lens resists yellowing and transmits light with superior efficacy. The satin white lens provides excellent shielding and fully luminous appearance. EPANL's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into 15/16" or 9/16" T-grid ceilings. Fixture may be recessed, suspended, surface box mounted or mounted in a hard-ceiling see accessories section for more information. Fixture may be mounted and wired in continuous rows.

Integrated Sensor (nLight Wired Networking): This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

Integrated Smart Sensor (nLight Air Wireless Platform): The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CL**AIR**ITY+, which allows for simple sensor adjustment.

Integrated Wireless Sensor (single room control): Sensor Switch VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 7 for more details on the integrated wireless sensor.

ELECTRICAL — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. See page 3 for detailed lumen maintenance information. 0-10V dimming driver, dims to 1% or 10% and contains non-isolated dimming leads.

LISTINGS — CSA Certified to meet US and Canadian standards. Tested to meet UL1598. Intended for indoor use only. Product is not to be stored in non-climate controlled spaces.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Damp location listed. IC rated. IP5X rated. Long nomenclature, configurable product is rated for NSF/ANSI Standard 2 - Light Fixture for Splash Zone and Non Food Zone. Tested in accordance with ISO 14644-1; suitable for ISO Class 5–9 positive and negative pressure clean rooms. Suitable for ambient temperatures from 32°F (0°C) to 77°F (25°C).

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Dimensions

	1x4	2x2	2x4
Length	47.72"	23.70"	47.72"
Width	11.85"	23.70"	23.70"
Depth	2.19"	2.19"	2.19"
Weight	13.9 lbs	7.4 lbs	15.1 lbs

* Base configurations; options may add weight

Embed nLight controls today. Prepare for tomorrow.

Now	Tomorrow
User-friendly install	Scalability
Enhanced energy savings	Space configuration
Code compliance	Future-ready

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

A+ Capable options indicated by this color background.

ORDERING INFORMATION

Example: EPANL 2X4 4000LM 80CRI 35K MIN1 MVOLT E10WCP NLTAIR2 RIO

EPANL	2X4	6000LM		80CRI	40K	MIN1
Series	**Width and Length**	**Lumens**		**CRI**	**Color Temperature**	**Minimum Dimming Level ‡**
		Standard Lumens:	High Efficiency Lumens:			
EPANL LED Flat Panel	1x4 1'x4'	1500LM 1500 Lumens	1500LMHE 1500 Lumens	80CRI 80 CRI	30K 3000K	MIN10 Dims to 10% ‡
		3000LM 3000 Lumens	3000LMHE 3000 Lumens		35K 3500K	MIN1 Dims to 1%
		4000LM 4000 Lumens	4000LMHE 4000 Lumens		40K 4000K	
		4800LM 4800 Lumens	4800LMHE 4800 Lumens		50K 5000K	
		6000LM 6000 Lumens	6000LMHE 6000 Lumens			
	2x2 2'x2'	2000LM 2000 Lumens	2000LMHE 2000 Lumens			
		3400LM 3400 Lumens	3400LMHE 3400 Lumens			
		4000LM 4000 Lumens	4000LMHE 4000 Lumens			
		4800LM 4800 Lumens	4800LMHE 4800 Lumens			
	2x4 2'x4'	3000LM 3000 Lumens	3000LMHE 3000 Lumens			
		4000LM 4000 Lumens	4000LMHE 4000 Lumens			
		4800LM 4800 Lumens	4800LMHE 4800 Lumens			
		5400LM 5400 Lumens	5400LMHE 5400 Lumens			
		6000LM 6000 Lumens	6000LMHE 6000 Lumens			
		6800LM 6800 Lumens	6800LMHE 6800 Lumens			
		7200LM 7200 Lumens	7200LMHE 7200 Lumens			

ZT	MVOLT		E10WCP
Dimming ‡	**Voltage**	**Step Level Dimming**	**Emergency Option**
ZT Generic 0-10V Dimming	MVOLT 120-277V	(Blank) None	E10WCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS ‡
EZT eldoLED 0-10V Dimming	120 120V	SLD Step Level Dimming ‡	GTD Generator Transfer Device ‡
DALI eldoLED DALI	277 277V		EMG for use with NLIGHT or NLTAIR2 on generator supply EM power ‡
	347 347V ‡		

Control Options

Control Input

nLight Wired:

NLIGHT	nLight enabled, no constant lumen management
CL80 NLIGHT	nLight enabled, constant lumen output 80%

nLight Wireless:

NLTAIR2	nLight AIR Generation 2 enabled ‡

Control

nLight Wired: ‡

(blank)	no control

nLight Wireless:

RIO	nLight AIR Radio module without sensor ‡
RES7	nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ‡
RES7PDT	nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ‡

Individual Control

JOT	Wireless room control with "Just One Touch" pairing ‡
JOTVTX15	Wireless occupancy sensor with "Just One Touch" pairing ‡

Options

GLR	Fast-blowing fuse ‡
GMF	Slow-blowing fuse ‡
PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit
PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit
PWS1846 PWSLV	Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge ‡
PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage wires ‡
CP	Chicago plenum ‡
NPLT	Narrow Pallet
BDP	Factory Installed Ballast Disconnect Plug
RRL_	RELOC®-ready luminaire ‡

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restictions chart on the next page. Options are sorted alphanumerically.

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EPANL LED Flat Panel

‡ Option Value Ordering Restrictions	
Option Value	**Restriction**
347	Not available with SLD, E10WCP, or GTD options.
Dimming	If Step Level Dimming (SLD) or NLIGHT or NLTAIR2 is specified, leave this section blank.
CP	Not available with nLight wired (NLIGHT), nLight wireless (NLTAIR2). Not available with PWS1836, PWS1846, PWS1856LV, or PWS1846 PWSLV.
E10WCP	Refer to Emergency Battery Estimated Lumen section for lumen estimation. Test Switch must be remote mounted or installed in an adjacent ceiling tile. When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
EMG	Requires a connection to existing NLIGHT or NLTAIR2 network. Power is provided from separate nLight enabled fixture. When EMG is combined with NLTAIR2 see UL924 Sequence of Operation Chart on page 4.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
GTD	Not available with JOT, JOTVTX15, sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options. Example: GTD BSE10.
JOT, JOTVTX15	Not available with NLIGHT, DALI, SLD, GTD, EMG, or NLTAIR2 options.
MIN10	Not available with EZT, NLIGHT or DALI.
Minimum Dimming Level	If Step Level Dimming (SLD) is specified, leave this section blank.
NLTAIR2	Only available with MIN1 minimum dimming level option.
PWS1846 PWSLV	Not available with GTD, nLight wired, nLight wireless, NLIGHT or NLTAIR2.
PWS1856LV	Not available with nLight wired, nLight wireless, NLIGHT, or NLTAIR2.
RES7, RES7PDT, RIO	See UL924 Sequence of Operation chart on page 4. Can be used as a normal power sensing device for nLight Air devices and luminaries with EM options.
RRL_	For ordering logic consult RRL_2013.
SLD	Not available with with any nLight Interface, Control options, or GTD. When using prewire option use PWS1846.

Tunable White (Select SKUs Only)

Available SKUs:

*2735H0 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT
*2735H9 EPANL 2X2 TUWH PROR 4800LM 80CRI NLT PWS1836
*2735HJ EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP
*2735HN EPANL 2X2 TUWH PROR 4800LM 80CRI NLT E10WCP PWS1846

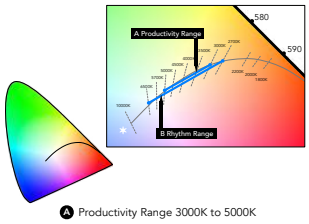
Operating Performance:

Nomenclature	CCT	Lumens	Efficacy	CRI
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 3000K	3105	4527.53	98.81	80.78
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 4000K	3974	4920.24	127.2	83.85
EPANL 2X2 TUWH PROR 4800LM 80CRI NLT @ 5000K	4925	5004.18	123.41	82.89

Mainstream Dynamic Tunable White with nTune Technology: Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Productivity Range of 3000K-5000K. Refer to the Programming User's Guide for instructions on customizing to your application with SensorView.

Tunable White GPHD

- **Gamut**: One dimensional Warm-Cool
- **Path**: Direct 3000K to 5000K (Productivity Range)
- **Handle**: Two Natural Language Handles: Intensity and CCT
- **Data**: nLight with nTune technology for both handles of control



A Productivity Range 3000K to 5000K

Lumen Maintenance:

EPANL	Reported Lumen Maintenance	Forecasted Lumen Maintenance
SE LEDs	L90 @ 41k Hrs / L80 @ >54k Hrs / L70 @>54k Hrs	L90 @ 41k Hrs / L80 @ 84k Hrs / L70 @ 134k Hrs
HE LEDs	L90 @ 44k Hrs / L80 @ >54k Hrs / L70 @ >54k Hrs	L90 @ 44k Hrs / L80 @ 93k Hrs / L70 @ 148k Hrs

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

ACCESSORIES

Accessories: *Order as separate catalog number.*

DGA14	Drywall grid adapter for 1x4 recessed fixture.
DGA22	Drywall grid adapter for 2x2 recessed fixture.
DGA24	Drywall grid adapter for 2x4 recessed fixture.
PANLEM E10WCP BKT CVR	Field installable kit includes 10 watt battery, bracket and cover[1]
PANLEM BKT CVR	Field installable kit bracket and cover only, 10W battery NOT included[1]
2X2SMKSH	2'x2' Surface Mount Troffer Kit
2X4SMKSH	2'x4' Surface Mount Troffer Kit
1X4SMKSH	1'x4' Surface Mount Troffer Kit
BDP U	Field Installable Ballast Disconnect Plug
PAC 2DNF 36	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2]
PAC 2DF 36	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 36 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2,3]
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2]
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2,3]
PAC 2DNF 72	Panel Air Craft Kit, 2 cables with Y splitter, No Power Feed 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2]
PAC 2DF 72	Panel Air Craft Kit, 2 cables with Y splitter, with Power Feed, 72 inches. Recommended for 1X4 or 2X2 Panel Fixtures only.[2,3]
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2]
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures.[2,3]

Emergency Battery Estimated Lumens

Use the formula below to estimate the delivered lumens in emergency mode

Estimated Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1055CP)

LPW = Lumen per watt rating of the luminaire.

SMKSH Accessory

Notes:
1. Test switch must be remote mounted or installed in an adjacent ceiling tile.
2. See Suspension Kits section below for additional detail.
3. For MVOLT only, not available with 347V

Emergency Battery Pack Options – Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter / 2 Hour Runtime
ILB CP10 A	10W	90	1200	
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
The CP10 delivered emergency illumination outperforms legacy 1400 lumen fluorescent emergency ballast.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

UL 924 Response – nLight AIR Devices with EM Option

The below information applies to all nLight AIR devices with an EM option.
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

star
SELF-TESTING AUTOMATED REPORTING

+

Field Installed Emergency LED Driver

ILB CP10 HE AELR A

Compliance Just Got Easier!

Emergency Lighting with Self Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Emergency lighting equipment enabled with STAR, automatically conducts the required monthly and annual tests, logs results within the units, and wirelessly communicates test data on demand to the CLARITY+ mobile app. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

DOWNLOAD CLAIRTY™+

Available on the App Store | ANDROID APP ON Google play

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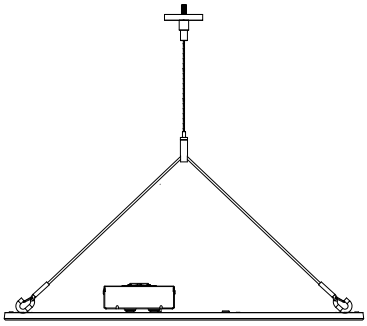
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

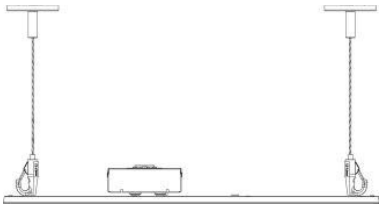
Suspension Kits

2 drops (1x4)

2 drops (2x2)



4 drops (2x4)



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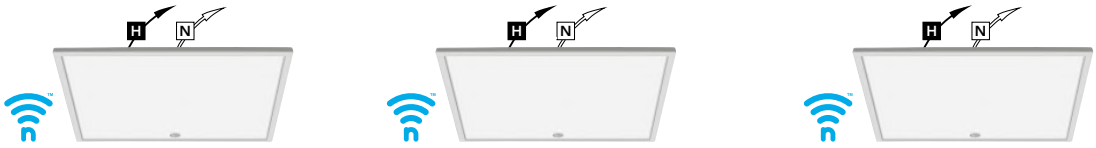
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

nLight Platform

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

nLight Air Wireless



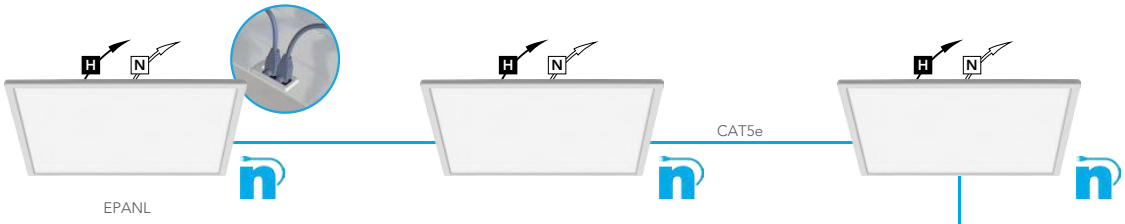
EPANL

Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With the CL***AIR***ITY+ Pro app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

nLight AIR rPODBA 2P DX G2 Mobile Device

nLight Wired Networking



EPANL

Simple as 1,2,3

1. Install the nLight® Wired fixtures with nIO control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)

nLight Wired nPODM 2P DX

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EPANL LED Flat Panel

Controls Accessories

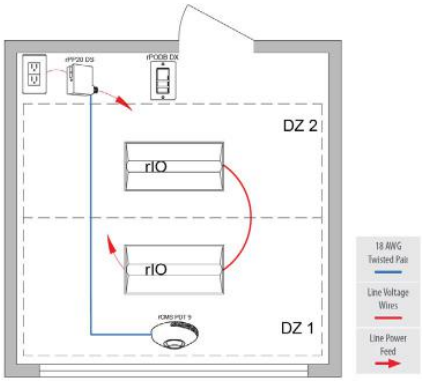
nLight® Wired Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	**Model number**	**Cat-5 cable (plenum rated)**	**Model number**
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

nLight® AIR Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2

EPANL fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.



rCMS[1] — **Example: RCMS PDT 10 AR G2**

Series / Detection		Power Supply[1]		Occupancy Detection		Lens (Required)		Operating Mode		Generation	
RCMS	nLight AIR occupancy and daylight sensor	[blank]	Power Supply ordered separately	[blank]	PIR Detection	10	Large Motion/ Extended Range 360°	[BLANK]	None	G2	Generation 2 compatibility
		PS 150	Standard 150 mA Power Supply	PDT	Dual Tech PIR/ Microphonics	9	Small Motion/ Extended Range 360°	AR	Auxiliary Relay		
						6	High Bay 360° Lens				

Notes
1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.

Sensor Switch WSX

nLight WIRED NPOD UNITOUCH

nLight WIRED nPODMA DX

nLight AIR rPODBA

EPANL with rES7 **rPODBA** **RCMS**

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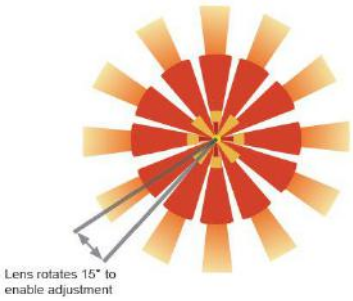
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

Sensor Coverage Pattern
Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor

9 FT Mounting

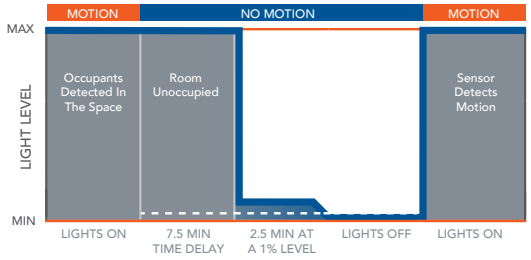


5.5	18
4.6	15
3.7	12
2.7	9
1.8	6
0.9	3
0 m	0 ft
0.9	3
1.8	6
2.7	9
3.7	12
4.6	15
5.5	18

nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated rES7 or rES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

Sequence of Operation (nES7 and Sensor)



*The presetting on the automatic dimming photocell is 10fc (RES7).

Sensor Switch JOT

JOT
Just One Touch

Sensor Switch JOT Enabled Wireless Solution

Designed with contractors in mind, the Sensor Switch JOT enabled wireless solution offers a straightforward approach to the installation and pairing of lighting fixtures and controls. Absolutely no 0-10V control wires and no mobile apps are needed with JOT enabled products, allowing for lightning speed installation right out of the box.

1. **Power:** Install JOT enabled fixtures and controls as instructed.
2. **Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
3. **Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

EPANL Series with integrated JOT OCC Sensors

EPANL Series

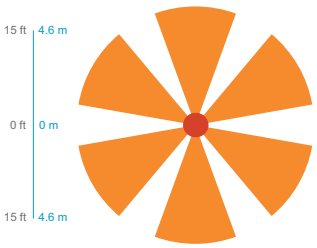
Sensor Switch SPODMRA JOT

Sensor Switch WSXA JOT

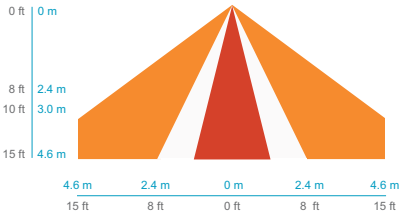
15F - LARGE MOTION EXTENDED RANGE 360

- Optimized full coverage from 8 ft - 15 ft (2.4 m - 4.5 m) mounting heights
- Reliable detection of large motion (e.g. pedestrian walking traffic)
- 1.3 x mounting height equals approximate detection range

TOP VIEW



SIDE VIEW



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EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 1X4 1500LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1511	14	108	
EPANL 1X4 1500LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1574	14	113	PII6VKUP
EPANL 1X4 1500LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1574	14	113	
EPANL 1X4 1500LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1637	14	117	P7MFGP4R
EPANL 1X4 1500LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1637	14	117	
EPANL 1X4 1500LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	1699	14	122	PS9YYB0V
EPANL 1X4 1500LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1699	14	122	
EPANL 1X4 1500LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1419	12	119	
EPANL 1X4 1500LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1457	12	122	
EPANL 1X4 1500LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1508	12	127	
EPANL 1X4 1500LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 1500LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1543	12	130	
EPANL 1X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2841	27	106	
EPANL 1X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2960	27	110	P5L7HREA
EPANL 1X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2960	27	110	
EPANL 1X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3078	27	114	PICJQWDG
EPANL 1X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3078	27	114	
EPANL 1X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3197	27	119	P4AJ0GI1
EPANL 1X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3197	27	119	
EPANL 1X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2771	23	123	
EPANL 1X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2845	23	126	
EPANL 1X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2945	23	130	
EPANL 1X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3012	23	133	
EPANL 1X4 4000LHME 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3426	31	111	
EPANL 1X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3659	37	100	
EPANL 1X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3811	37	104	
EPANL 1X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3963	37	107	P4SKVRJP
EPANL 1X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	107	
EPANL 1X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4116	37	111	PFCL1300
EPANL 1X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4116	37	111	
EPANL 1X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3667	31	120	
EPANL 1X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3765	31	123	
EPANL 1X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3897	31	128	
EPANL 1X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3985	31	130	
EPANL 1X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4633	45	104	PVIRS0QB
EPANL 1X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4633	45	104	
EPANL 1X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4807	45	108	PIQUALNF
EPANL 1X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4807	45	108	
EPANL 1X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4923	45	110	PR3K6SHH
EPANL 1X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4923	45	110	
EPANL 1X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4967	45	111	PIS28T0X
EPANL 1X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4967	45	111	
EPANL 1X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4340	37	117	
EPANL 1X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4456	37	120	
EPANL 1X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	124	
EPANL 1X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4717	37	127	
EPANL 1X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5156	44	116	PKIBC75K

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EPANL LED Flat Panel

Performance Data					
Model No.	DLC Classification	Lumens	Watts	LPW	DLC Product Id
EPANL 1X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5156	44	116	
EPANL 1X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5272	44	119	PNX0E6ZR
EPANL 1X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5272	44	119	
EPANL 1X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5490	44	124	PF0B5KQD
EPANL 1X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5490	44	128	
EPANL 1X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5665	44	128	PEC0GL65
EPANL 1X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5665	44	130	
EPANL 1X4 6000LM 80CRI 30K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5953	55	109	PSBGKZ54
EPANL 1X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5953	51	117	P25AS4VV
EPANL 1X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5953	51	117	
EPANL 1X4 6000LM 80CRI 35K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5997	55	110	P8R62RB3
EPANL 1X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5997	51	118	PEC0ZVXY
EPANL 1X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5997	51	118	
EPANL 1X4 6000LM 80CRI 40K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6171	55	113	PC28H7F3
EPANL 1X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6171	51	121	PJ2LT8RF
EPANL 1X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6171	51	121	
EPANL 1X4 6000LM 80CRI 50K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6240	55	114	PIY822O4
EPANL 1X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6240	51	123	PL6024K5
EPANL 1X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6240	51	123	
EPANL 2X2 2000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1988	19	106	
EPANL 2X2 2000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2071	19	110	P7I6D3WI
EPANL 2X2 2000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2071	19	110	
EPANL 2X2 2000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2154	19	115	PPTL71HY
EPANL 2X2 2000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2154	19	115	
EPANL 2X2 2000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2237	19	119	P0OY8NZ2
EPANL 2X2 2000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2237	19	119	
EPANL 2X2 2000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1856	16	119	
EPANL 2X2 2000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1906	16	123	
EPANL 2X2 2000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	1972	16	127	
EPANL 2X2 2000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 2000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2017	16	130	
EPANL 2X2 3400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3291	30	109	P2QQIV0K
EPANL 2X2 3400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3291	30	109	
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3428	30	113	PQAFPPJ6
EPANL 2X2 3400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3428	30	113	
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3566	30	118	PY8MM627
EPANL 2X2 3400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	3566	30	118	PMKTPCS2
EPANL 2X2 3400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3566	30	118	
EPANL 2X2 3400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3703	30	122	PCRM0D2R
EPANL 2X2 3400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3703	30	122	
EPANL 2X2 3400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3198	27	121	PWJ6HVP3
EPANL 2X2 3400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3198	27	121	
EPANL 2X2 3400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3285	27	124	PBV78YXA
EPANL 2X2 3400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3285	27	124	
EPANL 2X2 3400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3399	27	128	PBMBSQA8
EPANL 2X2 3400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3399	27	128	
EPANL 2X2 3400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3477	27	131	PU32L41S
EPANL 2X2 3400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3477	27	131	
EPANL 2X2 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3804	37	104	
EPANL 2X2 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3963	37	108	
EPANL 2X2 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4121	37	110	PW0040LR
EPANL 2X2 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4121	37	110	
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4280	37	114	P2O6CXK4
EPANL 2X2 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4280	37	114	
EPANL 2X2 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	33	118	
EPANL 2X2 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3978	33	121	
EPANL 2X2 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3978	33	121	

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X2 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4117	33	125	
EPANL 2X2 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4211	33	128	
EPANL 2X2 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4558	45	102	
EPANL 2X2 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4729	45	106	
EPANL 2X2 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4843	45	109	PS2AC19A
EPANL 2X2 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4843	45	109	
EPANL 2X2 4800LM 80CRI 50K [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4886	45	110	P89SURCD
EPANL 2X2 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4886	45	110	
EPANL 2X2 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4420	36	121	
EPANL 2X2 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4539	36	125	
EPANL 2X2 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4697	36	129	
EPANL 2X2 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X2 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4804	36	132	
EPANL 2X4 3000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3015	29	106	
EPANL 2X4 3000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3141	29	110	P4PIGUFW
EPANL 2X4 3000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3141	29	110	
EPANL 2X4 3000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3266	29	115	PSPB7FBG
EPANL 2X4 3000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3266	29	115	
EPANL 2X4 3000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3392	29	119	PSL0A6G7
EPANL 2X4 3000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3392	29	119	
EPANL 2X4 3000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2943	23	129	PNSQ2LMI
EPANL 2X4 3000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2943	23	129	
EPANL 2X4 3000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	2986	23	131	P84A41CZ
EPANL 2X4 3000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	2986	23	131	
EPANL 2X4 3000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3071	23	135	P0S68XSR
EPANL 2X4 3000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3071	23	135	
EPANL 2X4 3000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3114	23	137	PW2SY5X9
EPANL 2X4 3000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3114	23	137	
EPANL 2X4 3760LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	3984	27	147	PQMB5PAR
EPANL 2X4 4000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3914	38	104	
EPANL 2X4 4000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4077	38	108	PG2MH0ZE
EPANL 2X4 4000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4077	38	108	
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4240	38	113	PNKUCIIA
EPANL 2X4 4000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4240	38	113	
EPANL 2X4 4000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4403	38	117	P94H4XFG
EPANL 2X4 4000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4403	38	117	
EPANL 2X4 4000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3874	31	123	PT1H08CF
EPANL 2X4 4000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3874	31	123	
EPANL 2X4 4000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	3930	31	125	P8VKRLEE
EPANL 2X4 4000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	3930	31	125	
EPANL 2X4 4000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4042	31	129	PW2KT9FQ
EPANL 2X4 4000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4042	31	129	
EPANL 2X4 4000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4098	31	130	PD7JL7CS
EPANL 2X4 4000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4098	31	130	
EPANL 2X4 4800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4817	45	107	
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	4998	45	111	P8FFEBQH
EPANL 2X4 4800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4998	45	111	
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5119	45	113	PL3AU798
EPANL 2X4 4800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5119	45	113	
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5164	45	114	P8TD4A4V
EPANL 2X4 4800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	5164	48	107	
EPANL 2X4 4800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5164	45	114	

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EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X4 4800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4491	37	120	
EPANL 2X4 4800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4612	37	123	
EPANL 2X4 4800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4773	37	127	
EPANL 2X4 4800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 4800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	4882	37	130	
EPANL 2X4 5000LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5218	37	141	PL4KIXE5
EPANL 2X4 5400LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5345	49	109	PJAPOIUK
EPANL 2X4 5400LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5345	49	109	
EPANL 2X4 5400LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5546	49	113	PVKKX9GJ
EPANL 2X4 5400LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5546	49	113	
EPANL 2X4 5400LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5679	49	116	P31GEZNP
EPANL 2X4 5400LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5679	49	116	
EPANL 2X4 5400LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5730	49	117	PWRHGEH4
EPANL 2X4 5400LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5730	49	117	
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5302	41	131	P3J0AC0V
EPANL 2X4 5400LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5302	41	128	PNWXLXM3
EPANL 2X4 5400LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5302	41	131	
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5421	41	134	P4E4JYPW
EPANL 2X4 5400LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5421	41	131	PPKAFL54
EPANL 2X4 5400LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5421	41	134	
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5645	41	139	PWC0NHMW
EPANL 2X4 5400LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5645	41	137	PZRLJ13L
EPANL 2X4 5400LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5645	41	139	
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5825	41	144	PDKG7XHY
EPANL 2X4 5400LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5825	41	141	P367S8NK
EPANL 2X4 5400LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5825	41	144	
EPANL 2X4 5757LMHE 80CRI 40K MIN10 ZT MVOLT NACV	Standard	5776	40	143	P71Q69QD
EPANL 2X4 6000LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6318	50	126	PCMK605N
EPANL 2X4 6000LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6318	50	126	
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6364	50	127	PMHI2SAT
EPANL 2X4 6000LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6364	55	115	PD2QM1LA
EPANL 2X4 6000LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6364	50	127	
EPANL 2X4 6000LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6548	50	131	P4H3UGFQ
EPANL 2X4 6000LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6548	50	132	
EPANL 2X4 6000LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6622	50	132	P167DCJS
EPANL 2X4 6000LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6622	50	132	
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5755	43	135	P6JUAFCI
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5755	45	128	PDDV7M0A
EPANL 2X4 6000LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5755	43	135	
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	5884	43	138	PENZU105
EPANL 2X4 6000LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5884	45	131	PIVHYPPI
EPANL 2X4 6000LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	5884	43	138	
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6127	43	144	P2GV0F0B
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6127	45	136	PBOA5LE2
EPANL 2X4 6000LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6127	43	144	
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6322	43	148	PZZYBV55
EPANL 2X4 6000LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6322	45	140	P888TM5U
EPANL 2X4 6000LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6322	43	148	
EPANL 2X4 6800LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7013	62	113	PSV30WTM
EPANL 2X4 6800LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7013	62	113	
EPANL 2X4 6800LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7064	62	114	PWGICRXA
EPANL 2X4 6800LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7064	62	114	
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7269	62	117	PPU6PYNE
EPANL 2X4 6800LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7269	62	111	PTRH2WMJ
EPANL 2X4 6800LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7269	62	117	
EPANL 2X4 6800LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7351	62	118	PHDE0RE3
EPANL 2X4 6800LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7351	62	118	
EPANL 2X4 6800LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6450	48	135	PTT9MBX1
EPANL 2X4 6800LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6450	48	135	
EPANL 2X4 6800LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6596	48	138	PICAPAMD
EPANL 2X4 6800LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6596	48	138	
EPANL 2X4 6800LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6868	48	144	P8IULOJ1
EPANL 2X4 6800LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6868	48	144	

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

Performance Data					
Model No.	**DLC Classification**	**Lumens**	**Watts**	**LPW**	**DLC Product Id**
EPANL 2X4 6800LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7086	48	149	PUZSXKJQ
EPANL 2X4 6800LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7086	48	149	
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7388	66	113	PWVK6LER
EPANL 2X4 7200LM 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7388	70	106	
EPANL 2X4 7200LM 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7388	66	111	
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7442	66	112	P57KW7H4
EPANL 2X4 7200LM 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Not Listed	7442	70	107	
EPANL 2X4 7200LM 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7442	66	112	
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7657	66	115	P2GQ1ISA
EPANL 2X4 7200LM 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7657	70	110	PNWQLGKR
EPANL 2X4 7200LM 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7657	66	115	
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7744	66	117	PQMRLFRM
EPANL 2X4 7200LM 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	7744	70	111	PIIH4OFQ
EPANL 2X4 7200LM 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7744	66	117	
EPANL 2X4 7200LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6792	50	137	PJNOUK7J
EPANL 2X4 7200LMHE 80CRI 30K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6792	50	137	
EPANL 2X4 7200LMHE 80CRI 35K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	6945	50	140	PHWEYL0D
EPANL 2X4 7200LMHE 80CRI 35K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	6945	50	140	
EPANL 2X4 7200LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7232	50	146	PW3RZAG0
EPANL 2X4 7200LMHE 80CRI 40K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7232	50	146	
EPANL 2X4 7200LMHE 80CRI 50K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] [MVOLT, 120, 277] [ALL OPTIONS]	Standard	7462	50	151	PPYDM8D6
EPANL 2X4 7200LMHE 80CRI 50K [MVOLT, 120, 277] SLD [ALL OPTIONS]	Not Listed	7462	50	151	

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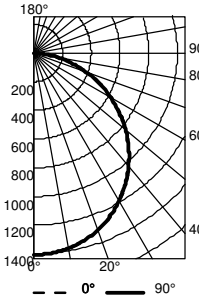
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EPANL 2X4 6000LM 80CRI 40K MIN1 ZT MVOLT E10WCP Note:	Type FAX

EPANL LED Flat Panel

PHOTOMETRICS

Full Photometric data is available on Lithonia.acuitybrands.com

EPANL 2x2 4000LM 80CRI 40K, 4121 delivered lumens.



CP Summary

	0°	90
0°	1405	1405
5°	1401	1400
15°	1353	1352
25°	1258	1254
35°	1114	1113
45°	940	934
55°	733	727
65°	512	506
75°	280	275
85°	75	73
90	1	1

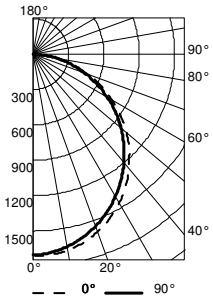
Coefficients of Utilization

RCR	pf 20% pc 80% 70% 50%	pw 70% 50% 30%	50% 30% 10%	50% 30% 10%
0		119 119 119	116 116 116	111 111 111
1		108 103 99	101 97 94	97 94 91
2		98 90 83	88 82 76	84 79 74
3		90 79 70	77 69 63	74 68 62
4		82 70 61	68 60 54	66 59 53
5		75 62 53	61 52 46	59 51 46
6		69 56 47	55 46 40	53 45 40
7		64 51 42	50 41 35	48 41 35
8		60 46 38	46 37 32	44 37 31
9		56 42 34	42 34 28	41 33 28
10		52 39 31	39 31 26	38 31 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1099	26.7	26.7
0° - 40°	1802	43.7	43.7
0° - 60°	3200	77.6	77.6
0° - 90°	4120	100.0	100.0
90° - 120°	1	0.0	0.0
90° - 130°	1	0.0	0.0
90° - 150°	1	0.0	0.0
90° - 180°	1	0.0	0.0
0° - 180°	4121	100.0	100.0

EPANL 2x4 4800LM 80CRI 40K, 5119 delivered lumens.



CP Summary

	0°	90
0°	1703	1703
5°	1707	1689
15°	1653	1610
25°	1535	1477
35°	1364	1300
45°	1154	1086
55°	903	851
65°	636	593
75°	354	335
85°	103	103
90	3	13

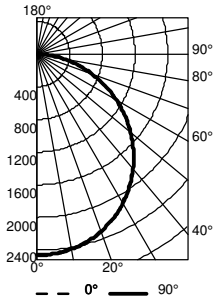
Coefficients of Utilization

RCR	pf 20% pc 80% 70% 50%	pw 70% 50% 30%	50% 30% 10%	50% 30% 10%
0		119 119 119	116 116 116	111 111 111
1		108 103 99	101 97 93	97 94 91
2		98 90 83	88 82 76	84 79 74
3		90 79 70	77 69 63	74 68 62
4		82 70 61	68 60 54	66 59 53
5		75 62 53	61 52 46	59 51 46
6		69 56 47	55 46 40	53 46 40
7		64 51 42	50 41 35	48 41 35
8		60 46 38	46 37 32	44 37 31
9		56 42 34	42 34 28	41 33 28
10		52 39 31	39 31 26	38 31 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1330	26.7	26.7
0° - 40°	2179	43.8	43.8
0° - 60°	3862	77.6	77.6
0° - 90°	4975	100.0	100.0
90° - 120°	1	0.0	0.0
90° - 130°	1	0.0	0.0
90° - 150°	1	0.0	0.0
90° - 180°	1	0.0	0.0
0° - 180°	4976	100.0	100.0

EPANL 2x4 6800LM 80CRI 40K, 7269 delivered lumens.



CP Summary

	0°	90
0°	2461	2461
5°	2461	2451
15°	2387	2376
25°	2221	2218
35°	1977	1975
45°	1674	1671
55°	1311	1317
65°	911	921
75°	508	521
85°	136	158
90	1	15

Coefficients of Utilization

RCR	pf 20% pc 80% 70% 50%	pw 70% 50% 30%	50% 30% 10%	50% 30% 10%
0		119 119 119	116 116 116	111 111 111
1		108 103 99	101 97 93	97 94 90
2		98 90 83	88 81 76	84 79 74
3		89 79 70	77 69 63	74 67 62
4		82 70 61	68 60 53	66 58 53
5		75 62 53	61 52 46	59 51 45
6		69 56 47	55 46 40	53 45 40
7		64 51 42	50 41 35	48 41 35
8		60 46 37	45 37 31	44 37 31
9		56 42 34	42 34 28	41 33 28
10		52 39 31	38 31 26	37 30 26

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	1927	26.5	26.5
0° - 40°	3164	43.5	43.5
0° - 60°	5632	77.5	77.5
0° - 90°	7271	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	7271	100.0	100.0

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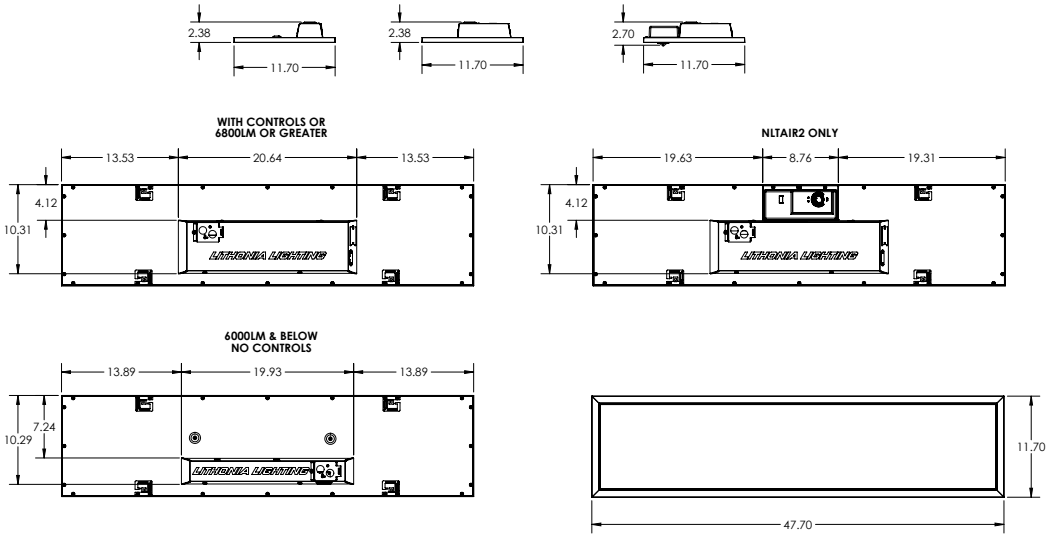
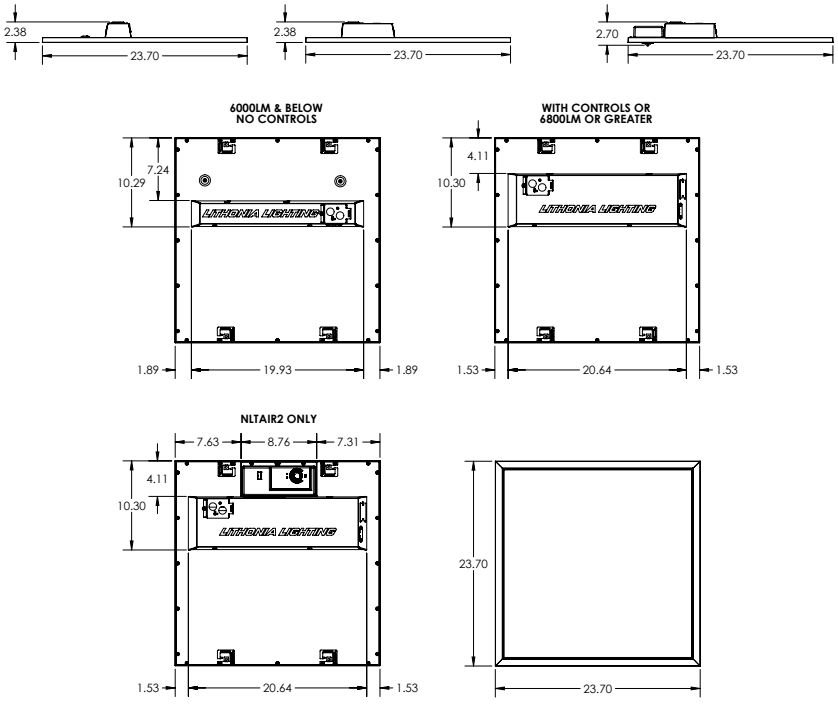
EPANL LED Flat Panel

DIMENSIONS

1X4 Configurations



2X2 Configurations



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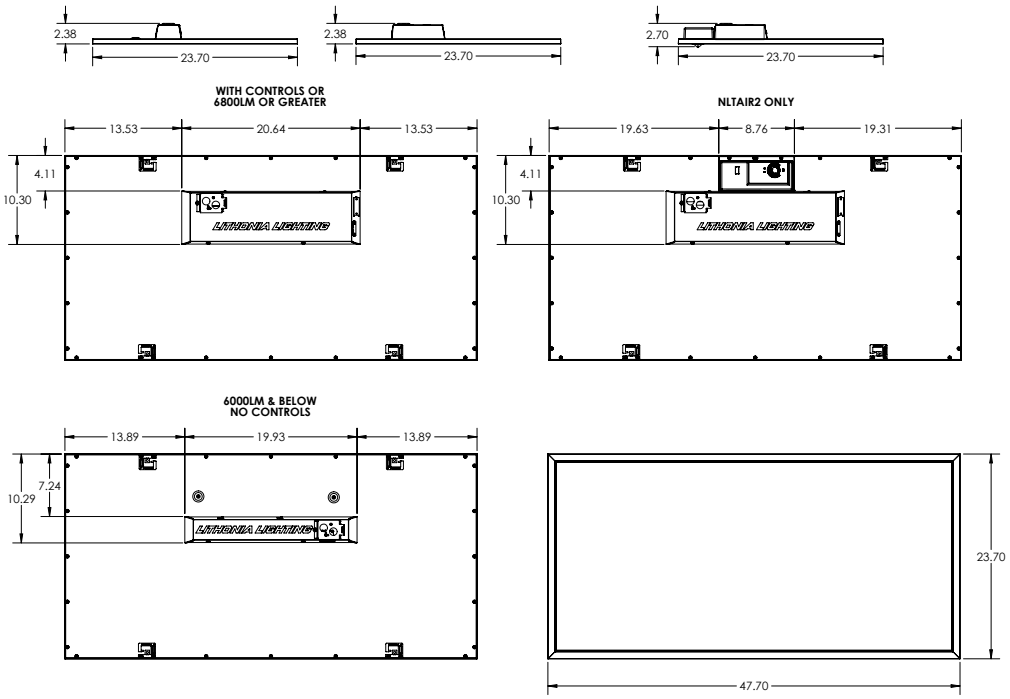
EPANL LED Flat Panel

DIMENSIONS (continued)

2X4 Configurations



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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ZL1D L48 3000LM FST MVOLT 35K 80CRI WH Note:	Type FB

LITHONIA LIGHTING®

Catalog Number
Notes
Type

LED Striplight

ZL1D

24", 48" and 96" Lengths

FEATURES & SPECIFICATIONS

INTENDED USE — Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in T8 lengths. Ideal for use in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.

CONSTRUCTION — Compact-design channel and cover are formed from code-gauge cold-rolled steel. Easy to install six-point row aligner included for continuous row mounting.

Finish: Paint options include high-gloss, baked white enamel (WH), or matte black (MB). After fabrication, five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

OPTICS — Standard diffuse snap on/snap off lens eliminates pixels, improves uniformity and minimizes glare.

ELECTRICAL — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications (see PLR_ ordering information on page 5). Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page 4 for actual wattage consumption), **multi-volt input and 0-10V dimming standard**. This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

LEDs provide 80CRI or 90 CRI at 3000 K, 3500 K,4000 K or 5000 K.

Lumen output up to 1,500 lumens per foot. Luminaire should be installed in applications where ambient temperatures do not exceed 86°F (30°C).

INSTALLATION — Fixture may be surface mounted (with or without ZSPRG hanger), pendant or stem mounted with appropriate mounting options. Six-point aligner locks in place for easy continuous row mounting.

LISTINGS — CSA certified to US and Canadian safety standards. For use in damp locations between -40°F (-40°C) and 86°F (30°C).

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ZL1D L48 3000LM FST MVOLT 35K 80CRI WH Note:	Type FB

ZL1D LED Striplight

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: ZL1D L48 3000LM FST MVOLT 40K 80CRI WH

ZL1D	L48		3000LM	FST	MVOLT	35K	80CRI
Series	**Length**	**Reflectors‡**	**Nominal lumens‡**	**Diffuser**	**Voltage**	**Color temperature**	**Color rendering index**
ZL1D LED striplight	L24 24" ‡	(blank) Less reflector	1500LM 1,500 lumens	FST Drop lens	MVOLT 120-277V	27K 2700 K	80CRI 80 CRI
		SMR Symmetric	2500LM 2,500 lumens		120 120V	30K 3000 K	90CRI 90 CRI
			3500LM 3,500 lumens		208 208V	35K 3500 K	
	L48 48"	(blank) Less reflector	3000LM 3,000 lumens		240 240V	40K 4000 K	
		ASR Asymmetric	5000LM 5,000 lumens		277 277V	50K 5000 K	
		SMR Symmetric	7000LM 7,000 lumens		347 347V ‡		
TZL1D LED striplight ‡	L96 96"	(blank) Less reflector	6000LM 6,000 lumens		480 480V ‡		
		SMR Symmetric	10000LM 10,000 lumens				
			14000LM 14,000 lumens				

Options			Paint finish	
PLR__	Plug-in wiring‡	**Individual Controls ‡**	WH	White
PLR1LVG	Plug-in wiring-low voltage‡	LBOZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) ‡	MB	Matte black
E7W	Emergency battery pack, 7W CA Title 20 Noncompliant‡	LBH0SZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), high/low occupancy dimming, pre-wired (LINK) ‡	GALVB	Galvanized fixture with black plastic lens endcaps
2E7W	Two Emergency battery packs, 7W CA Title 20 Noncompliant‡	LBPZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF photocell, pre-wired (LINK) ‡	GALVW	Galvanized fixture with white plastic lens endcaps
E10WLCP	Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	LBM0SZU 360° low mount LSXR PIR sensor, (7-15' mounting heights), dimming and switching photocell, pre-wired (LINK) ‡		
2E10WLCP	Two Emergency battery packs, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	**Cord sets: ‡**		
E15WLCP	Emergency battery pack, 15W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	CS1W Cord with NEMA 5-15P, 120V straight blade plug, 18 gauge, 3 conductors, white, 6ft		
OUTEND	Cord set to exit endplate of fixture	CS3W Cord with NEMA L5-15P, 120V twist lock plug, 18 gauge, 3 conductors, white, 6ft		
BAA	Buy America(n) Act Compliant	CS7W Cord with NEMA 7-15P, 277V straight blade plug, 18 gauge, 3 conductors, white, 6ft		
nLight® Wireless		CS11W Cord with NEMA L7-15P, 277V twist lock plug, 18 gauge, 3 conductors, white, 6ft		
NLTAIR2 RLSXR10	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK)	CS25W Cord with NEMA L24-20P, 347V twist lock plug, 18 gauge, 3 conductors, white, 6ft		
NLTAIR2 RLSXR10EM	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights),UL 924 Emergency Operation, via power interrupt detection (not available with battery pack) (LINK) ‡	CS97W Cord with NEMA L8-20P, 480V twist lock plug, 18 gauge, 3 conductors, white, 6ft		
		CS93W Cord only (no plug), 18 gauge, 3 conductors, white, 6ft		

Accessories: *Order as separate catalog number.*

HC36 M12	Hanger chain, 36" (1 pair)	ZLR L24 SYM UPL WH	24" symmetric reflector with uplight, white finish
ZACVH M100	Adjustable 10' aircraft cable with Y hanger (1 pair)	ZLR L24 SYM WH	24" symmetric reflector, white finish
ZLANGBKT	Luma-tilt™ angle bracket for shelf or ledge mounting only	ZLR L46 SYM UPL WH	46" symmetric reflector with uplight, white finish
		ZLR L46 SYM WH	46" symmetric reflector, white finish
SQ_	Swivel stem hanger (specify length in 2" increments up to 48")	ZLR L48 ASY WH	48" asymmetric reflector, white finish
		ZLR L48 SYM UPL WH	48" symmetric reflector with uplight, white finish
NPP16D	nLight® wired power/relay pack, 0-10VDC dimming output (LINK)	ZLR L48 SYM WH	48" symmetric reflector, white finish
RPP20D	nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK)	ZLR L92 SYM UPL WH	92" symmetric reflector with uplight, white finish
		ZLR L92 SYM WH	92" symmetric reflector, white finish
LSXR	Sensor Switch® LSXR occupancy sensor (LINK)	ZLR L96 SYM UPL WH	96" symmetric reflector with uplight, white finish
ZSPRG J2	Tong and T-grid hanger, for 15/16" T-grid (Order quantity required in multiples of 2)	ZLR L96 SYM WH	96" symmetric reflector, white finish
		UNIVERSAL REFL ALIGNER	Universal reflector aligners, quantity 1
WGZ24	24" wireguard, white ‡		
WGZ48	48" wireguard, white ‡		

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

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ZL1D LED Striplight

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
2E7W	Utilizes (2) Power Sentry PS750L emergency drivers. MVOLT required. Available with L96 only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
2E10WLCP	Utilizes (2) Power Sentry PS1055LCP emergency drivers. MVOLT required. Available with L96 10,000LM or 14000LM only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
347, 480	Utilizes step down transformer.
Cordsets	Must specify voltage when plug is included. CS93W available with MVOLT. Cordsets exit back of fixture unless OUTEND option is specified.
E7W	Utilizes Power Sentry PS750L emergency driver. MVOLT required. Not available with L24 or any cordset that includes a plug.
E10WLCP	Utilizes Power Sentry PS1055LCP emergency driver. MVOLT required. Available with L48 or L96 only. Not available with L24 or any cordset that includes a plug.
E15WLCP	Utilizes Power Sentry PS1555LCP emergency driver. MVOLT required. Available with L96 only. Not available with L24, L48 or any cordset that includes a plug.
Individual Controls	Available with MVOLT, 347 or 480 only. See ordering information on page 6 for more configurations. This sensor configuration is suitable for minimum ambient temperature of 14°F (-10°C). See page 6 for low temperature option providing -4°F (-20°C) minimum ambient. When choosing Sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
L24	Not available with 347V, 480V or Batteries
nLight® Wireless	See (LINK) in sensor description to RLSXR specification sheet for more configurations. When choosing a sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
NLTAIR2 RLSXR10EM	MVOLT only.
Nominal Lumens	See Operational Data on page 4 for actual lumens.
PLR__	Not available with cordset options. See ordering information on page 5. When choosing a sensor and PLR for the same fixture, consult the factory.
PLR1LVG	Not available with cordset options.
Reflectors	Optional. Reflectors ship separately.
TZL1D	Tandem fixture comes as two L48 fixtures
WGZ24	Not available with ASR or SMR reflector options.
WGZ48	Not available with ASR or SMR reflector options. Order a Qty of 2 for L96 tandem fixtures.

COMMERCIAL INDOOR: One Lithonia Way, Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com techsupport-commercialindoor@acuitybrands.com

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ZL1D LED Striplight

OPERATIONAL DATA

	Nominal lumen package	Length (inches)	Delivered Lumens 3000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 3500K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 4000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 5000K CCT @ 77°F (25°C) ambient temperature		Wattage @ 120V/277V	Comparable Light Source
			80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI		
Lensed	1500LM	24	1985	1619	2030	1675	2061	1707	2137	1745	17	1-lamp 17W T8
	2500LM	24	2682	2187	2742	2264	2785	2307	2887	2358	22	1-lamp 17W T8
	3500LM	24	4099	3341	4190	3459	4255	3524	4412	3603	36	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	3000LM	48	3880	3163	3966	3274	4028	3336	4176	3410	30	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	5000LM	48	5337	4351	5456	4504	5541	4589	5745	4691	41	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
	7000LM	48	7317	5965	7480	6175	7596	6291	7876	6431	59	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	6000LM	96	8077	6585	8257	6816	8386	6945	8694	7099	60	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	10000LM	96	11021	8985	11267	9301	11442	9477	11864	9687	81	4-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	14000LM	96	15397	12553	15741	12995	15986	13240	16574	13534	121	4-lamp 32W T8, 3-lamp 54W T5HO, 150W HID

PROJECTED LUMEN MAINTENANCE

Operating Hours	0	15,000	30,000	45,000	60,000	100,000
Lumen Maintenance Factor	1	0.94	0.89	0.83	0.79	0.67

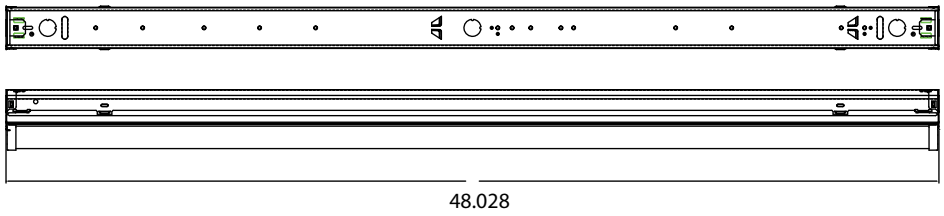
DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.

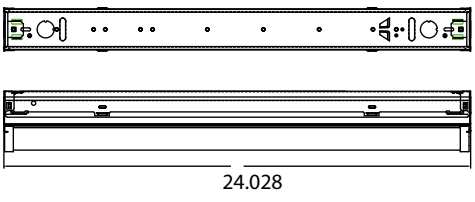
Specifications subject to change without notice.

PALLET DIMENSIONS

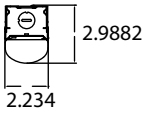
Length	Approximate weight	Fixtures per pallet	Approximate pallet dimensions (L x W x H)
L24	7 lbs.	176	46" X 51" X 31 5/8"
L48	13 lbs.	176	46" X 51" X 31 5/8"
L96	26 lbs.	63	46" X 98 1/2" X 31 3/8"



ZL1D L48

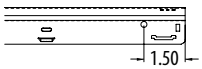


Knockout hole is .86in in diameter.



ZL1D L24

Mounting Hole Location - All Lengths



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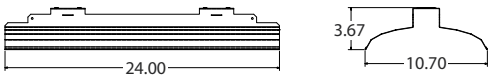
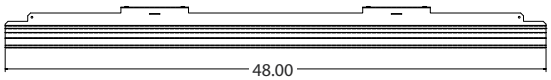
ZL1D LED Striplight

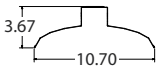
REFLECTORS (Optional)

L24 Reflector

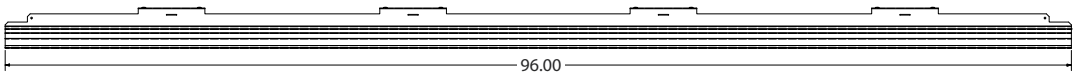


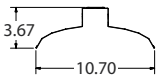
L48 Reflector





L96 Reflector





PHOTOMETRICS

Please see www.lithonia.com

PLUG-IN WIRING INFORMATION

Advanced plug-in system with two-circuit capability. Available on industrial and strip products and a variety of architectural products mounted in continuous rows. PLR22 (2-circuit) and crossover harness switches hot circuit serving next fixture in row. Reduces fixture types on job for alternating circuit applications (see example below.)

Easy one-step installation, saves up to 35% on labor costs. Expanded switching flexibility helps save energy.

Rows can be 50% longer with two-circuit systems. Polarized, lock-together nylon connectors prevent miswiring in the field. #12 THHN conductor, rated 600V, 90°C. White neutral wire included. Grounding accomplished by fixture in-row connectors.

CSA certified systems available with up to 2 circuits. G ground required.

Not for use with dedicated emergency circuits.

Note: Specifications subject to change without notice.

Wiring

PLR

Advanced 1 or 2-Circuit Plug-In

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Series	Number of hot wires	Branch circuits		Dimming	Ground
PLR	(blank) Not required for PLR22	Circuits to which driver is connected	Battery charging circuit (must be unswitched)	LV Low-voltage dimming	G Ground (required)
PLR22	1 Black	(blank) Not required for PLR22 or PLR1	(blank) No battery charging circuit		
	2 Black and red	A Black wire	ELA Battery pack circuit wired to black wire		
		B Red wire	ELB Battery pack circuit wired to red wire		

Typical Applications

- Multiple-circuit and single-circuit for longer continuous rows
- Multiple-circuit with alternating fixtures on separate circuits and 2-circuit PLR22
- Multiple circuit with night-lights located along row as desired

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ZL1D LED Striplight

LSXR – Fixture Mount Occupancy Sensor (see www.AcuityControls.com for additional information)

- Three interchangeable lens options to satisfy multiple mounting heights and coverage pattern requirements.
- Integrated mounting bracket drops lens down 3" from chase nipple.
- Single or dual relay versions — designed with robust protection from the harsh switching requirements of T5 and LED loads.
- Photocell and 0-10VDC dimming options.
- No PIR field calibration or sensitivity adjustments required.
- Sensor ambient temperature rating of 14°F (-10°C) to 131°F (55°C).

LSXR configuration	Comparable CMRB sensor	Old style sensor nomenclature
For shortest lead times use one of the following LSXR configurations		
LCOZU	CMRB 50	MSI
LCH0SZU	CMRB 50 D	MSID
LCPZU	CMRB 50 P	MSIPED
LAOZU	CMRB 6	MSI360
LAH0SZU	CMRB 6 D	MSI360D
LAPZU	CMRB 6 P	MSI360PED

SELECTIONS BELOW WILL EXTEND ORDER LEAD TIME. CONSULT YOUR SALES REPRESENTATIVE FOR DETAILS.

SINGLE RELAY

ORDERING INFORMATION

Example: LAH0SZU

Series	Lens option	Dimming/Photocell	Max. dim level	Min. dim level	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	0 None[1] H High/low occupancy operation P Switching photocell (on/off)[1] M Dimming and switching photocell G Dimming and switching photocell with high/low occupancy operation	0 10 VDC 9 9 VDC 8 8 VDC 7 7 VDC	S Minimum dim level of ballast 1 1 VDC 2 2 VDC 3 3 VDC 4 4 VDC 5 5 VDC 6 6 VDC	Z None T Low temperature[2]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Max and min dim levels not applicable with this option.

2 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

DUAL RELAY (Available with 120, 277, and 347V only)

ORDERING INFORMATION

Example: LA2KZU

Series	Lens option	Poles	Operating mode	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	2 Dual relay	J None K Alternating off relays (promotes even lamp wear) O Alternating off relays w/photocell P Switching photocell(on/off) E Photocell on/off (pole 1 only) F Photocell on/off - both poles (dual set-point)	Z None T Low temperature[1]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

Example: LENS 50 J100

Replacement lenses: *Order as separate catalog number.*

Series	Lens type	Package quantity
LENS	6 High mount 360° 10 Low mount 360° 50 High mount aisleway	[blank] Single Lens J10 10-pack J100 100-pack

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ZL1D LED Striplight

OPTIONS AND ACCESSORIES

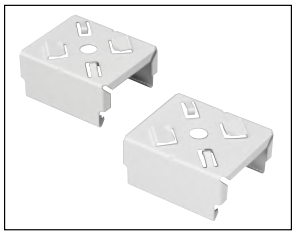
The Z Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

HANGER CHAIN

36" chain with Y hanger.

Order as:

HC36

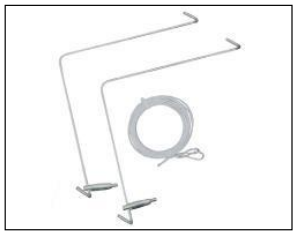


Z SPRING HANGER

Snap 'n' lock design requires no fasteners and can be used on T-grid ceiling or universal mounting systems.

Order as:

ZSPRG

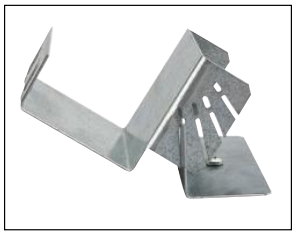


ZACVH HANGER

10' Aircraft cable with Y hanger.

Order as:

ZACVH

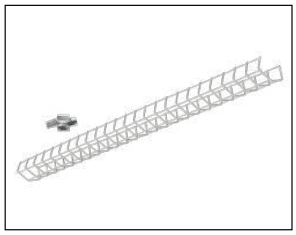


ANGLE MOUNTING BRACKET

Luma-tilt™ angle bracket ships as a pair

Order as:

ZLANGBKT



WIRE GUARD

Order as:

WGZ24

WGZ48

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ZL1D L48 3000LM FST MVOLT 35K 80CRI E10WLCP WH Note:	Type FBX

LITHONIA LIGHTING®

Catalog Number
Notes
Type

LED Striplight

ZL1D

24", 48" and 96" Lengths

FEATURES & SPECIFICATIONS

INTENDED USE — Built on the compact, low-profile Z strip channel, this LED strip offers long maintenance-free life, several color temperatures, lumen outputs and lengths. Ideal for new construction and retrofit applications in T8 lengths. Ideal for use in commercial, retail, manufacturing, warehouse, and display applications. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.

CONSTRUCTION — Compact-design channel and cover are formed from code-gauge cold-rolled steel. Easy to install six-point row aligner included for continuous row mounting.

Finish: Paint options include high-gloss, baked white enamel (WH), or matte black (MB). After fabrication, five-stage iron phosphate pre-treatment ensures superior paint adhesion and rust resistance.

OPTICS — Standard diffuse snap on/snap off lens eliminates pixels, improves uniformity and minimizes glare.

ELECTRICAL — Utilizes high-output LEDs integrated on a two-layer circuit board, ensuring cool-running operation. Optional internal pluggable wiring harness for reduced labor cost in row mounting applications (see PLR_ ordering information on page 5). Electronic LED driver is rated for 75 input watts maximum (see Operational Data on page 4 for actual wattage consumption), **multi-volt input and 0-10V dimming standard**. This fixture is designed to withstand a maximum line surge of 2.5kV at 0.75kA combination wave for indoor locations, for applications requiring higher level of protection additional surge protection must be provided.

LEDs provide 80CRI or 90 CRI at 3000 K, 3500 K,4000 K or 5000 K.

Lumen output up to 1,500 lumens per foot. Luminaire should be installed in applications where ambient temperatures do not exceed 86°F (30°C).

INSTALLATION — Fixture may be surface mounted (with or without ZSPRG hanger), pendant or stem mounted with appropriate mounting options. Six-point aligner locks in place for easy continuous row mounting.

LISTINGS — CSA certified to US and Canadian safety standards. For use in damp locations between -40°F (-40°C) and 86°F (30°C).

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

ZL1D LED Striplight

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Example: ZL1D L48 3000LM FST MVOLT 40K 80CRI WH

ZL1D	L48		3000LM	FST	MVOLT	35K	80CRI
Series	**Length**	**Reflectors‡**	**Nominal lumens‡**	**Diffuser**	**Voltage**	**Color temperature**	**Color rendering index**
ZL1D LED striplight	L24 24" ‡	(blank) Less reflector	1500LM 1,500 lumens	FST Drop lens	MVOLT 120-277V	27K 2700 K	80CRI 80 CRI
		SMR Symmetric	2500LM 2,500 lumens		120 120V	30K 3000 K	90CRI 90 CRI
			3500LM 3,500 lumens		208 208V	35K 3500 K	
	L48 48"	(blank) Less reflector	3000LM 3,000 lumens		240 240V	40K 4000 K	
		ASR Asymmetric	5000LM 5,000 lumens		277 277V	50K 5000 K	
		SMR Symmetric	7000LM 7,000 lumens		347 347V ‡		
TZL1D LED striplight ‡	L96 96"	(blank) Less reflector	6000LM 6,000 lumens		480 480V ‡		
		SMR Symmetric	10000LM 10,000 lumens				
			14000LM 14,000 lumens				

E10WLCP		WH
Options		**Paint finish**
PLR__	Plug-in wiring‡	WH White
PLR1LVG	Plug-in wiring-low voltage‡	MB Matte black
E7W	Emergency battery pack, 7W CA Title 20 Noncompliant‡	GALVB Galvanized fixture with black plastic lens endcaps
2E7W	Two Emergency battery packs, 7W CA Title 20 Noncompliant‡	GALVW Galvanized fixture with white plastic lens endcaps
E10WLCP	Emergency battery pack, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	
2E10WLCP	Two Emergency battery packs, 10W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	
E15WLCP	Emergency battery pack, 15W Linear Constant Power, Certified in CA Title 20 MAEDBS‡	
OUTEND	Cord set to exit endplate of fixture	
BAA	Buy America(n) Act Compliant	
nLight® Wireless		
NLTAIR2 RLSXR10	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights) (LINK)	
NLTAIR2 RLSXR10EM	nLight® Air Generation 2 enabled, 360° low mount sensor, (7 to 15' heights),UL 924 Emergency Operation, via power interrupt detection (not available with battery pack) (LINK) ‡	

Individual Controls ‡	
LBOZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF occupancy, pre-wired (LINK) ‡
LBH0SZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), high/low occupancy dimming, pre-wired (LINK) ‡
LBPZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), ON/OFF photocell, pre-wired (LINK) ‡
LBM0SZU	360° low mount LSXR PIR sensor, (7-15' mounting heights), dimming and switching photocell, pre-wired (LINK) ‡
Cord sets: ‡	
CS1W	Cord with NEMA 5-15P, 120V straight blade plug, 18 gauge, 3 conductors, white, 6ft
CS3W	Cord with NEMA L5-15P, 120V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS7W	Cord with NEMA 7-15P, 277V straight blade plug, 18 gauge, 3 conductors, white, 6ft
CS11W	Cord with NEMA L7-15P, 277V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS25W	Cord with NEMA L24-20P, 347V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS97W	Cord with NEMA L8-20P, 480V twist lock plug, 18 gauge, 3 conductors, white, 6ft
CS93W	Cord only (no plug), 18 gauge, 3 conductors, white, 6ft

Accessories: *Order as separate catalog number.*

HC36 M12	Hanger chain, 36" (1 pair)
ZACVH M100	Adjustable 10' aircraft cable with Y hanger (1 pair)
ZLANGBKT	Luma-tilt™ angle bracket for shelf or ledge mounting only
SQ_	Swivel stem hanger (specify length in 2" increments up to 48")
NPP16D	nLight® wired power/relay pack, 0-10VDC dimming output (LINK)
RPP20D	nLight® air Generation 2 enabled, power/relay pack, 0-10V dimming output (LINK)
LSXR	Sensor Switch® LSXR occupancy sensor (LINK)
ZSPRG J2	Tong and T-grid hanger, for 15/16" T-grid (Order quantity required in multiples of 2)
WGZ24	24" wireguard, white ‡
WGZ48	48" wireguard, white ‡

ZLR L24 SYM UPL WH	24" symmetric reflector with uplight, white finish
ZLR L24 SYM WH	24" symmetric reflector, white finish
ZLR L46 SYM UPL WH	46" symmetric reflector with uplight, white finish
ZLR L46 SYM WH	46" symmetric reflector, white finish
ZLR L48 ASY WH	48" asymmetric reflector, white finish
ZLR L48 SYM UPL WH	48" symmetric reflector with uplight, white finish
ZLR L48 SYM WH	48" symmetric reflector, white finish
ZLR L92 SYM UPL WH	92" symmetric reflector with uplight, white finish
ZLR L92 SYM WH	92" symmetric reflector, white finish
ZLR L96 SYM UPL WH	96" symmetric reflector with uplight, white finish
ZLR L96 SYM WH	96" symmetric reflector, white finish
UNIVERSAL REFL ALIGNER	Universal reflector aligners, quantity 1

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ZL1D LED Striplight

‡ Option Value Ordering Restrictions	
Option value	**Restriction**
2E7W	Utilizes (2) Power Sentry PS750L emergency drivers. MVOLT required. Available with L96 only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
2E10WLCP	Utilizes (2) Power Sentry PS1055LCP emergency drivers. MVOLT required. Available with L96 10,000LM or 14000LM only. Not available with L24, L48, L96 6000LM or any cordset that includes a plug.
347, 480	Utilizes step down transformer.
Cordsets	Must specify voltage when plug is included. CS93W available with MVOLT. Cordsets exit back of fixture unless OUTEND option is specified.
E7W	Utilizes Power Sentry PS750L emergency driver. MVOLT required. Not available with L24 or any cordset that includes a plug.
E10WLCP	Utilizes Power Sentry PS1055LCP emergency driver. MVOLT required. Available with L48 or L96 only. Not available with L24 or any cordset that includes a plug.
E15WLCP	Utilizes Power Sentry PS1555LCP emergency driver. MVOLT required. Available with L96 only. Not available with L24, L48 or any cordset that includes a plug.
Individual Controls	Available with MVOLT, 347 or 480 only. See ordering information on page 6 for more configurations. This sensor configuration is suitable for minimum ambient temperature of 14°F (-10°C). See page 6 for low temperature option providing -4°F (-20°C) minimum ambient. When choosing Sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
L24	Not available with 347V, 480V or Batteries
nLight® Wireless	See (LINK) in sensor description to RLSXR specification sheet for more configurations. When choosing a sensor and PLR for same fixture, consult the factory. Sensors come prewired, they must be snapped into place at time of installation.
NLTAIR2 RLSXR10EM	MVOLT only.
Nominal Lumens	See Operational Data on page 4 for actual lumens.
PLR__	Not available with cordset options. See ordering information on page 5. When choosing a sensor and PLR for the same fixture, consult the factory.
PLR1LVG	Not available with cordset options.
Reflectors	Optional. Reflectors ship separately.
TZL1D	Tandem fixture comes as two L48 fixtures
WGZ24	Not available with ASR or SMR reflector options.
WGZ48	Not available with ASR or SMR reflector options. Order a Qty of 2 for L96 tandem fixtures.

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ZL1D LED Striplight

OPERATIONAL DATA

	Nominal lumen package	Length (inches)	Delivered Lumens 3000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 3500K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 4000K CCT @ 77°F (25°C) ambient temperature		Delivered Lumens 5000K CCT @ 77°F (25°C) ambient temperature		Wattage @ 120V/277V	Comparable Light Source
			80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI	80 CRI	90 CRI		
Lensed	1500LM	24	1985	1619	2030	1675	2061	1707	2137	1745	17	1-lamp 17W T8
	2500LM	24	2682	2187	2742	2264	2785	2307	2887	2358	22	1-lamp 17W T8
	3500LM	24	4099	3341	4190	3459	4255	3524	4412	3603	36	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	3000LM	48	3880	3163	3966	3274	4028	3336	4176	3410	30	1-lamp 32W T8, 1-lamp 54W T5HO, 50W HID
	5000LM	48	5337	4351	5456	4504	5541	4589	5745	4691	41	2-lamp 32W T8, 1-lamp 54W T5HO, 70W HID
	7000LM	48	7317	5965	7480	6175	7596	6291	7876	6431	59	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	6000LM	96	8077	6585	8257	6816	8386	6945	8694	7099	60	3-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	10000LM	96	11021	8985	11267	9301	11442	9477	11864	9687	81	4-lamp 32W T8, 2-lamp 54W T5HO, 100W HID
	14000LM	96	15397	12553	15741	12995	15986	13240	16574	13534	121	4-lamp 32W T8, 3-lamp 54W T5HO, 150W HID

PROJECTED LUMEN MAINTENANCE

Operating Hours	0	15,000	30,000	45,000	60,000	100,000
Lumen Maintenance Factor	1	0.94	0.89	0.83	0.79	0.67

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.

Specifications subject to change without notice.

PALLET DIMENSIONS

Length	Approximate weight	Fixtures per pallet	Approximate pallet dimensions (L x W x H)
L24	7 lbs.	176	46" X 51" X 31 5/8"
L48	13 lbs.	176	46" X 51" X 31 5/8"
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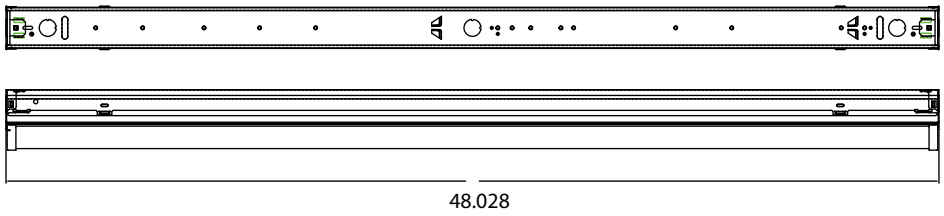
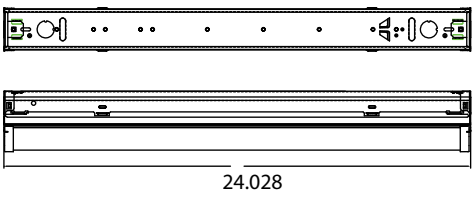
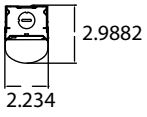


ZL1D L48

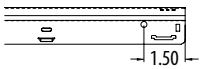


Knockout hole is .86in in diameter.



ZL1D L24

Mounting Hole Location - All Lengths



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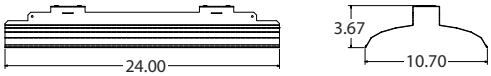
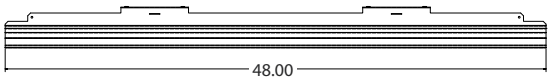
ZL1D LED Striplight

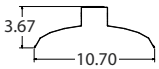
REFLECTORS (Optional)

L24 Reflector

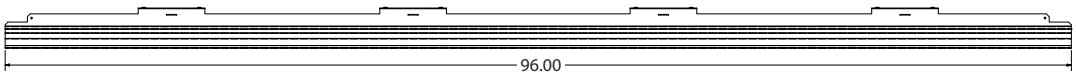


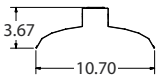
L48 Reflector





L96 Reflector





PHOTOMETRICS

Please see www.lithonia.com

PLUG-IN WIRING INFORMATION

Advanced plug-in system with two-circuit capability. Available on industrial and strip products and a variety of architectural products mounted in continuous rows. PLR22 (2-circuit) and crossover harness switches hot circuit serving next fixture in row. Reduces fixture types on job for alternating circuit applications (see example below.)

Easy one-step installation, saves up to 35% on labor costs. Expanded switching flexibility helps save energy.

Rows can be 50% longer with two-circuit systems. Polarized, lock-together nylon connectors prevent miswiring in the field. #12 THHN conductor, rated 600V, 90°C. White neutral wire included. Grounding accomplished by fixture in-row connectors.

CSA certified systems available with up to 2 circuits. G ground required.

Not for use with dedicated emergency circuits.

Note: Specifications subject to change without notice.

Wiring

PLR

Advanced 1 or 2-Circuit Plug-In

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative.

Series	Number of hot wires	Branch circuits		Dimming	Ground
PLR	(blank) Not required for PLR22	Circuits to which driver is connected	Battery charging circuit (must be unswitched)	LV Low-voltage dimming	G Ground (required)
PLR22	1 Black	(blank) Not required for PLR22 or PLR1	(blank) No battery charging circuit		
	2 Black and red	A Black wire	ELA Battery pack circuit wired to black wire		
		B Red wire	ELB Battery pack circuit wired to red wire		

Typical Applications

- Multiple-circuit and single-circuit for longer continuous rows
- Multiple-circuit with alternating fixtures on separate circuits and 2-circuit PLR22
- Multiple circuit with night-lights located along row as desired

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ZL1D LED Striplight

LSXR – Fixture Mount Occupancy Sensor (see www.AcuityControls.com for additional information)

- Three interchangeable lens options to satisfy multiple mounting heights and coverage pattern requirements.
- Integrated mounting bracket drops lens down 3" from chase nipple.
- Single or dual relay versions — designed with robust protection from the harsh switching requirements of T5 and LED loads.
- Photocell and 0-10VDC dimming options.
- No PIR field calibration or sensitivity adjustments required.
- Sensor ambient temperature rating of 14°F (-10°C) to 131°F (55°C).

LSXR configuration	Comparable CMRB sensor	Old style sensor nomenclature
For shortest lead times use one of the following LSXR configurations		
LCOZU	CMRB 50	MSI
LCHOSZU	CMRB 50 D	MSID
LCPZU	CMRB 50 P	MSIPED
LAOZU	CMRB 6	MSI360
LAHOSZU	CMRB 6 D	MSI360D
LAPZU	CMRB 6 P	MSI360PED

SELECTIONS BELOW WILL EXTEND ORDER LEAD TIME. CONSULT YOUR SALES REPRESENTATIVE FOR DETAILS.

SINGLE RELAY

ORDERING INFORMATION

Example: LAHOSZU

Series	Lens option	Dimming/Photocell	Max. dim level	Min. dim level	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	O None[1] H High/low occupancy operation P Switching photocell (on/off)[1] M Dimming and switching photocell G Dimming and switching photocell with high/low occupancy operation	0 10 VDC 9 9 VDC 8 8 VDC 7 7 VDC	S Minimum dim level of ballast 1 1 VDC 2 2 VDC 3 3 VDC 4 4 VDC 5 5 VDC 6 6 VDC	Z None T Low temperature[2]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Max and min dim levels not applicable with this option.

2 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

DUAL RELAY (Available with 120, 277, and 347V only)

ORDERING INFORMATION

Example: LA2KZU

Series	Lens option	Poles	Operating mode	Temp/Humidity	Default occupancy time delay
L LSXR passive infrared indoor occupancy sensor	A High mount, 360° B Low mount, 360° C High mount aisleway	2 Dual relay	J None K Alternating off relays (promotes even lamp wear) O Alternating off relays w/photocell P Switching photocell(on/off) E Photocell on/off (pole 1 only) F Photocell on/off - both poles (dual set-point)	Z None T Low temperature[1]	I 30 sec D 2.5 min X 5.0 min R 7.5 min U 10.0 min (with minimum 15 minute on time) V 15.0 min W 20.0 min Y 30.0 min

Notes

1 Ambient temperature rating of -4°F (-20°C) to 131°F (55°C).

Example: LENS 50 J100

Replacement lenses: *Order as separate catalog number.*

Series	Lens type	Package quantity
LENS	6 High mount 360° 10 Low mount 360° 50 High mount aisleway	[blank] Single Lens J10 10-pack J100 100-pack

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ZL1D LED Striplight

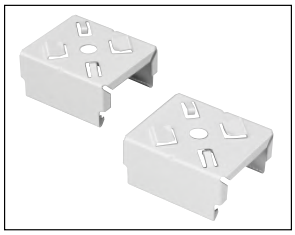
OPTIONS AND ACCESSORIES

The Z Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

HANGER CHAIN

36" chain with Y hanger.

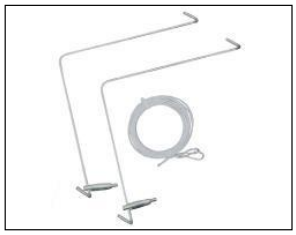
Order as:
HC36



Z SPRING HANGER

Snap 'n' lock design requires no fasteners and can be used on T-grid ceiling or universal mounting systems.

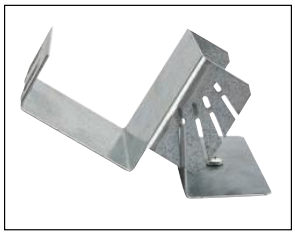
Order as:
ZSPRG



ZACVH HANGER

10' Aircraft cable with Y hanger.

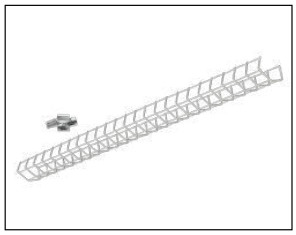
Order as:
ZACVH



ANGLE MOUNTING BRACKET

Luma-tilt™ angle bracket ships as a pair

Order as:
ZLANGBKT



WIRE GUARD

Order as:
WGZ24
WGZ48

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CGF18-WHW Note:	Type FC

VersaLED Lighting
Versatile Lighting Solutions

Project	
Type	
Catalog Number	

SPECIFICATIONS — MULTI-FAMILY

MOTOR
- 3 Speed - Reversible
- 153 x 1mm motor
- 195/69 RPM
- 39W / 3039 CFM
- 3 Capacitors
- 52” Lead wire - 4” Down rod included
- Motor Finishes: Brushed nickel, oil rubbed bronze, white, and black
- Pull Chain standard

BLADES
- 5-Blade, 52” sweep
- MDF Construction *(to avoid fan blade warping, fan must be installed in a climate controlled environment)*
- 12° Blade pitch
- Blade Finishes: Brushed nickel, oil rubbed bronze, white, and black, maple, walnut, rosewood

ILLUMINATION
- Light Kit Adaptable

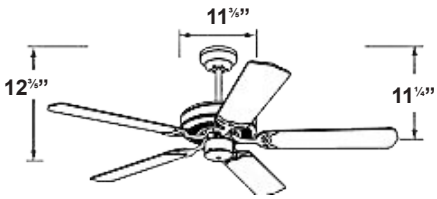
CODE COMPLIANCE
- cULus Listed for Indoor Locations
- Title24 Compliant

WARRANTY
- 5 Year

CGF18
Ceiling Fan

ORDERING INFORMATION

CATALOG#		Color
CGF18-BNM	-	Brushed Nickel / Maple
CGF18-BRN	-	Brushed Nickel / Brushed Nickel
CGF18-BNR	-	Brushed Nickel / Rosewood
CGF18-BNW	-	Brushed Nickel / Walnut
CGF18-BLK	-	Black / Black
CGF18-OBW	-	Oil Rubbed Bronze / Walnut
CGF18-WHW	-	White / White



ACCESSORIES (order separately, ship on side)

CGF2-WC	-	Wall Control
CFG2-RC	-	Remote Control

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: LQM S W 3 R MVOLT EL N SD M6 Note:	Type X1

LITHONIA LIGHTING®

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for applications requiring attractive, quick-installation exit signs and low energy consumption. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

CONSTRUCTION — Engineering-grade thermoplastic housing is impact-resistant, scratch-resistant, and corrosion-proof. UL94V-0 flame rating. UV-stable resin resists discoloration from natural and man-made light sources.

Rugged unibody housing snaps together with no additional mechanical fasteners. Faceplate and back cover are interchangeable on housing. Positive snap-fit tabs hold faceplate securely, yet easily removable for lamp compartment access.

Universal directional Chevron inserts are easily removed and reinserted. Uniform illumination without shadows or hot spots. Reinforced, impact-resistant color panels. Letters 6" high with 3/4" stroke, with 100 ft. viewing distance rating, based upon UL924 standards.

U.S. Patent No. 5,526,251; 5,611,163; 5,739,639; 5,954,423; 5,988,825; 6,152,581; D383,501; D495,751 and 6,502,044. Other patents pending.

OPTICS — LEDs mounted on printed circuit boards. Low energy consumption – less than one watt. LED lamp operates in normal (AC input) and emergency (DC input) modes.

The typical life of the exit LED lamp is 5 years, based on 24/7 operation.

ELECTRICAL — Dual voltage input capability (120/277V) and 120V through 277V for MVOLT with SD.

Low-voltage disconnect prevents excessively deep discharge that can permanently damage battery. Conveniently located test switch and LED provide visual and manual means of monitoring system.

Constant-current series charger minimizes energy consumption and provides low operating costs. Printed circuit boards are 100% quality tested during manufacturing. Current-limiting charger circuitry protects printed circuit boards from shorts.

AC/LV reset (line latch) allows battery connection before AC power is applied and aids in preventing battery damage from deep discharge.

Crystal oscillator timing system with watchdog protection for precision accuracy.

Brownout protection is automatically switched to emergency mode when supply voltage drops below 80% of nominal.

Battery: Sealed, maintenance-free nickel-cadmium battery delivers 90-minutes capacity to emergency lamps. Two-state constant-current charge maximizes battery life and automatically recharges after battery discharge.

Diagnostics: Single-point microcomputer control for all electronic features.

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

SELF-DIAGNOSTICS (SD and AELR option):
Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.Self-diagnostic testing for five minutes every 30 days and 90 minutes every six months.

Diagnostic evaluation of LED light source, AC to DC transfer, charging and battery condition. Continuously monitors AC functionality.

AELR option: STAR (Self-testing Automated Reporting) radio transmits monthly and annual test results and diagnostics information for automated reporting requirements.
For more information visit AcuityBrands.com/STAR

INSTALLATION — Universal mounting canopy for top or end mount. Back mount standard for single face only. Easily removed mounting knockouts. J-box pattern on back panel. Housing snaps to canopy with four positive-locking tabs. Cam-locking pin tightly secures housing to canopy.

Ships standard with additional face plate.

QUANTUM®

Thermoplastic Exits

LQM

LED LAMPS

Specifications

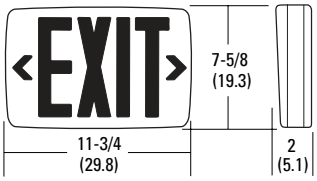
Length: 11-3/4 (29.8)

Depth: 2 (5.1)

Height: 7-5/8 (19.3)

Weight: 2.6 lbs (1.2 kgs)

All dimensions are inches (centimeters) unless otherwise specified.



LISTINGS — UL damp location listed 50°-104°F (10°-40°C) standard. NOM Certified (see options). Meets UL924, NFPA 101 (current Life Safety Code), NEC and OSHA illumination standards. Meets all applicable FCC Title 47, Part 15, Subpart B requirements.

WARRANTY — 5-year limited warranty. (Battery is prorated.) This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

† Exit Signs Certified in the CA Title 20 Appliance Efficiency Database.

Looking for Contractor Select readily available configurations? Click here to visit Contractor Select™ spec sheet or go to www.contractorselect.com

Example: LQM S W 3 R 120/277 EL N
Example: LQM S W 3 R MVOLT EL N SD
Example: LQM S W 3 R MVOLT EL N SD AELR

ORDERING INFORMATION

For shortest lead times, configure product using **bolded options.**

LQM	S	W	3	R	MVOLT	EL N	SD
Family	**Face type**	**Housing color**	**Number of faces**	**Letter color**	**Input voltage**	**Operation**	**Options**
LQM[1]	**S** Stencil	**(blank)** Black **W** White	**3** Single face with extra faceplate and color panel	**R** Red **G** Green	**120/277** Dual voltage **MVOLT** Multi volt 120-277, 50/60hz[2]	**(blank)** AC only **X2** Primary and secondary AC inputs provided[3] **EL N** Nickel cadmium battery	**(blank)** None NOM NOM certified for Mexico[4] SD Self-diagnostics[5] AELR Automatic Emergency Lighting Reporting[6]

Accessories: Order as separate item.			
ELA WG1	Back-mount wireguard[7]	ELA LQMUS12	12" stem kit[8]

Notes
1 LQM available with Custom Signage. See spec sheet, Custom-Signage.
2 Only available with EL N SD. See Example for ordering.
3 Not available with other options. Both circuits can be energized at the same time.
4 Available with stencil face and white housing only. Not available with MVOLT EL N SD configuration.
5 Only available with MVOLT and EL N operation. See Example for ordering.
6 Only available with MVOLT EL N SD. AELR transmits monthly and annual test results and diagnostics information for automated reporting requirements.
7 See spec sheet ELA-WG.
8 See spec sheet ELA-Stemkits.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: LQM S W 3 R MVOLT EL N SD M6 Note:	Type X1

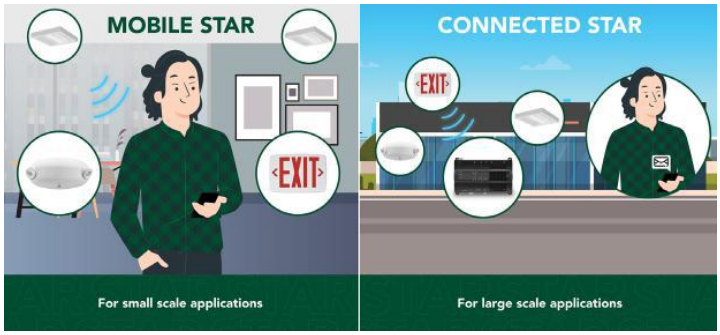
LQM LED, Quantum®

Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the CI**AIR**ity™+ app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

- Testing for 30 seconds every 30 days
- Testing for 90 minutes once a year
- Record keeping and to report to the authority having local jurisdiction



SPECIFICATIONS

ELECTRICAL

Primary Circuit

Type[1]	Typical LED life[2]	Supply voltage	Input watts	Max. amps
Red LED AC Only	>5 years	120	.62	.05
		277	.69	.06
Green LED AC Only	>5 years	120	.62	.05
		277	.74	.06
Red LED Emergency	>5 years	120	.71	.05
		277	.92	.06
Green LED Emergency	>5 years	120	.66	.05
		277	.70	.06

BATTERY

Nickel Cadmium

Voltage	Typical shelf life[3]	Typical life[3]	Maintenance[4]	Temperature range[5]
1.2	3 years	6-8 years	none	50°F - 104°F (10°C - 40°C)

Notes

1 LED lamps operate in normal (AC input) and emergency (DC input) modes.

2 Based on 24/7 operation. The typical life of the exit LED lamp is 5 years.

3 At 77°F (25°C).

4 All life safety equipment, including emergency lighting for path of egress must be maintained, serviced and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could jeopardize the safety of occupants and will void all warranties.

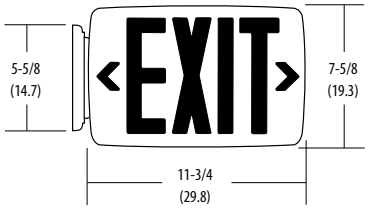
5 Temperature range where unit will provide capacity for 90 minutes. Higher and lower temperatures affect life and capacity.

MOUNTING

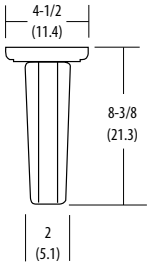
All dimensions are inches (centimeters) unless otherwise specified.

Shipping weight: 2.6 lbs. (1.2 kgs.)

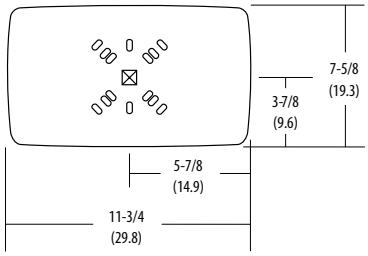
End Mounting



Top Mounting



Back Mounting



EMERGENCY: One Lithonia Way Conyers, GA 30012 Phone: 1-800-705-SERV (7378) techsupport-lighting@acuitybrands.com www.lithonia.com

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ARP INTENC08 NLT 8FCR MVOLT SC SM DTC Note:	Type LCP

Catalog Number:	Date:	Project:

OVERVIEW

The nLight Relay Panel family delivers cost-effective 0-10V dimming and switching for your building design needs. The panel communicates with an nLight network and supports up to 128 digital devices per nLight control zone. Offering a full range of panel sizes, the nLight Relay Panel is ideal for spaces that require full circuit control, with the optional flexibility of configuring single pole relays into a two or three-pole relays in the field.

Also included on each panel is a programmable input that can be connected to a photocell, for example, and a separate dry contact "alarm" input that overrides all relays until the contact is released.

nLIGHT OPERATION

The nLight Relay Panel is nLight-enabled, meaning it has the ability to communicate over an nLight network. When daisy-chain wired with other nLight-enabled sensors, power packs, or WallPods™ using CAT-5e cabling, an nLight control zone is created. Connecting the panel to an nLight network backbone and nLight® ECLYPSE™ system controller enables time-based control, remote programming and monitoring from SensorView™ software, and BMS integration capabilities.

The digital time clock (DTC) option allows for on-screen configuration and control of connected devices, while introducing scheduling to standalone panel. When connected to nLight backbone and nLight ECLYPSE system controllers the panels relinquish all time clock functionality.

FEATURES

- Communicates with an nLight network
- Up to 128 digital devices per nLight control zone - each nLight Relay Panel utilizes 9 device addresses per 8 relays/dimming outputs:
  - 1 address per relay/dimming output
  - 1 address for the programmable input
- All relays include local manual override lever
- All relays are individually programmable
- One 0-10V dimming output per relay
- Create and control up to 32 schedules – Normal & Holiday (DTC version)
- Astronomical Timeclock feature enables +/- Sunset or Sunrise settings and programmable Latitude/ Longitude (DTC version)
- Programmable "dry contact/pull high" input (with provided 24VDC source)
  - Input is programmable to preset/profile scene, photosensor signal, wallpod toggle (maintain or momentary)
- Contact input for "alarm" override (requires maintain contact signal)
- All relays communicate with switch/occupancy/photocell channel 1 out of the box (programmable through SensorView)
- FCR type relays capable of being field configured to 2 and 3-pole relay configurations with included hardware:
  - 4/8 Relay Panel: 2x2-Pole and 1x3-Pole Hardware Included
  - 12/16 Relay Panel: 4x2-Pole and 2x3-Pole Hardware Included
  - 24/32/48 Relay Panel: 6x2-Pole and 3x3-Pole Hardware Included
- Supplies auxiliary 24VDC power and nLight network bus power (40mA per RJ45 port)
- Removable back plate for ease of installation
- UL 924 panel listing for Switching Emergency Circuits
- Optional field installed voltage barrier(s) for normal/emergency use, or mixed voltage use
- Remotely Configurable/Upgradeable

Buy American Act
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.
Please refer to www.acuitybrands.com/resources/ buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

nLIGHT

Relay Panel

BAA

c UL us LISTED

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ARP INTENC08 NLT 8FCR MVOLT SC SM DTC Note:	Type LCP

ORDERING INFORMATION

nLight RELAY PANEL — **Example: ARP INTENC08 NLT 8FCR MVOLT SC SM**

ARP INTEC08 NLT	8FCR	MVOLT
Panel Size	**Relay Quantity**	**Operating Voltage**
ARP INTENC08 NLT 8-Relay Enclosure	4FCR[1] 4-Field Configurable Relays	16FCR[2] 16-Field Configurable Relays	MVOLT 120-277VAC
ARP INTENC16 NLT 16-Relay Enclosure	8FCR[1] 8-Field Configurable Relays	24FCR[3] 24-Field Configurable Relays	CNDV 120-277, 347VAC
ARP INTENC32 NLT 32-Relay Enclosure	12FCR[2] 12-Field Configurable Relays	32FCR[3] 32-Field Configurable Relays	
ARP INTENC48 NLT 48-Relay Enclosure		48FCR[4] 48-Field Configurable Relays	

	SC	SM	DTC
Voltage Barrier	**Door Type**	**Mounting**	**Clock Option**
[blank] No barriers	SC Screw Cover	SM[6] Surface Mount	[blank] No Clock
1VB 1 Voltage Barrier	HLK[6] Hinge Locking	FM Flush Mount	DTC Digital Time Clock
2VB 2 Voltage Barriers			
3VB[5] 3 Voltage Barriers			
4VB[5] 4 Voltage Barriers			

NOTE: If desired, panel enclosure and interior components can be ordered separately (typically for panel enclosure rough-in prior to final wiring and system programming). Contact your Acuity representative for ordering tree information.

1. Only available in 8-Relay Enclosure.
2. Only available in 16-Relay Enclosure.
3. Only available in 32-Relay Enclosure.
4. Only available in 48-Relay Enclosure.
5. Only available in 32 or 48-Relay Enclosure Options.
6. 32/48 Enclosures only available in hinge locking surface mount.

Photosensor Accessories: *Order as separate catalog number.*

Series	Description	Recommended Application
ARPA PC	Simple switching (at ~1-3fc) with mechanically adjustable slide	Outdoor dusk to dawn, On/Off only
ARPA APS OL	Analog sensor (0-100FC) with switching/dimming thresholds remotely adjustable (via SensorView)	Outdoor dusk to dawn lighting, On/Off or On/Off/Dimming (where necessary)

Additional Accessories: *Order as separate catalog number.*

Series	Description
ARP DTC BRKT	Hardware to field install nDTC into nLight relay panel (ARP). nDTC ordered separately
ARP FCR CONFIG HARDWARE BAG	Extra set of hardware to create 2 and 3-pole relays in the field (2x 2-pole relays, 1x 3-pole relay)
ARPA FCR40	Replacement FCR40 Relay
ARP BARRIER REPLACEMENT KIT	Additional voltage barrier for 4/8/12/16 relay panels
ARP32-48 VOLTAGE BARRIER	Additional voltage barrier for 24/32/48 relay panels

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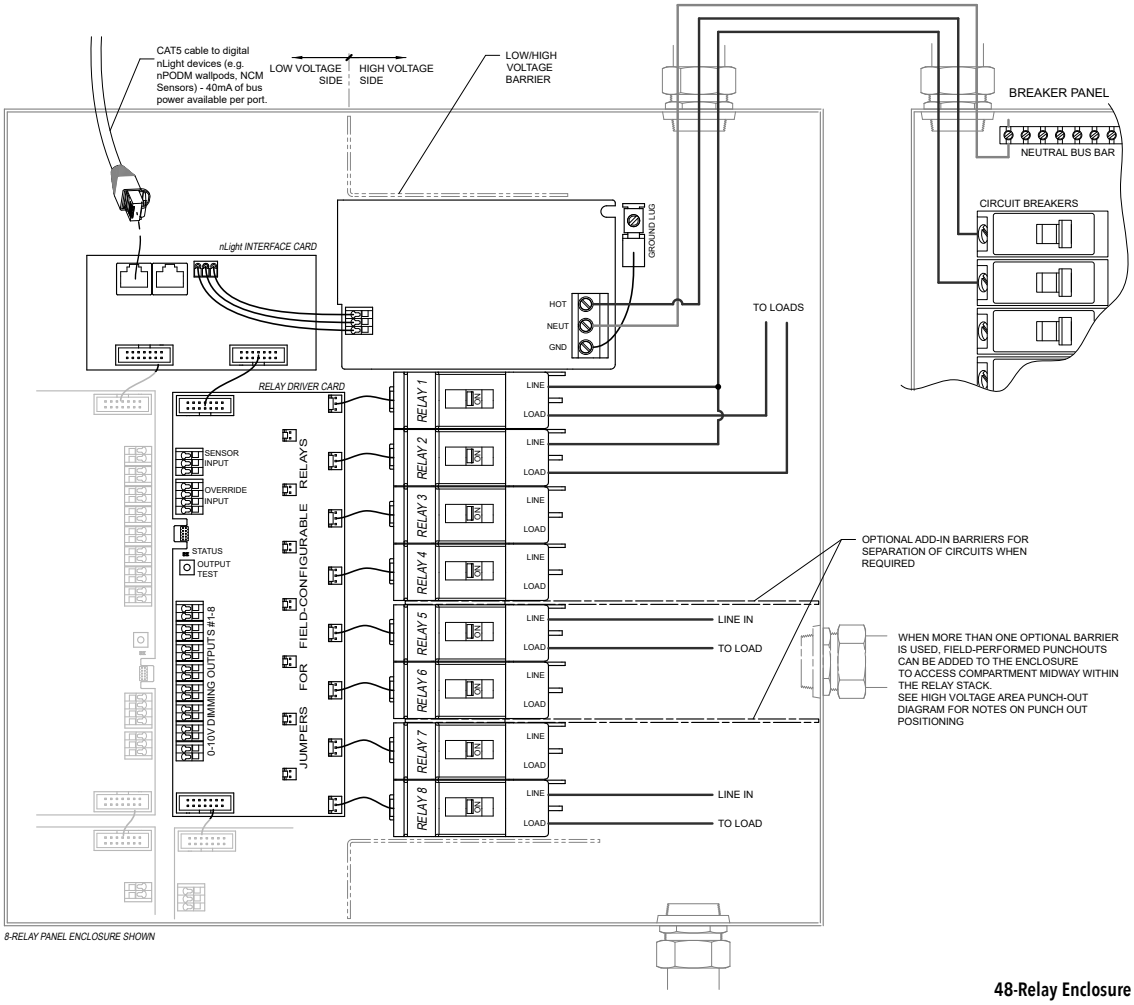
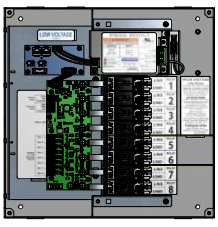
WIRING - SINGLE-POLE

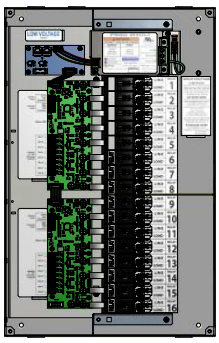


8-RELAY PANEL ENCLOSURE SHOWN

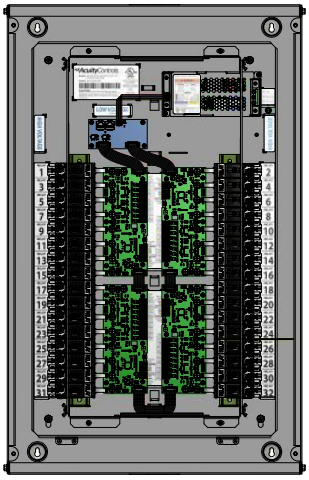
8-Relay Enclosure



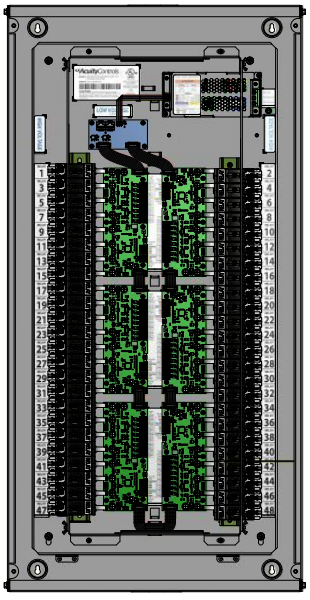
16-Relay Enclosure



32-Relay Enclosure



48-Relay Enclosure



Dead-Front removed
Shown with optional Circuit Separation Barrier

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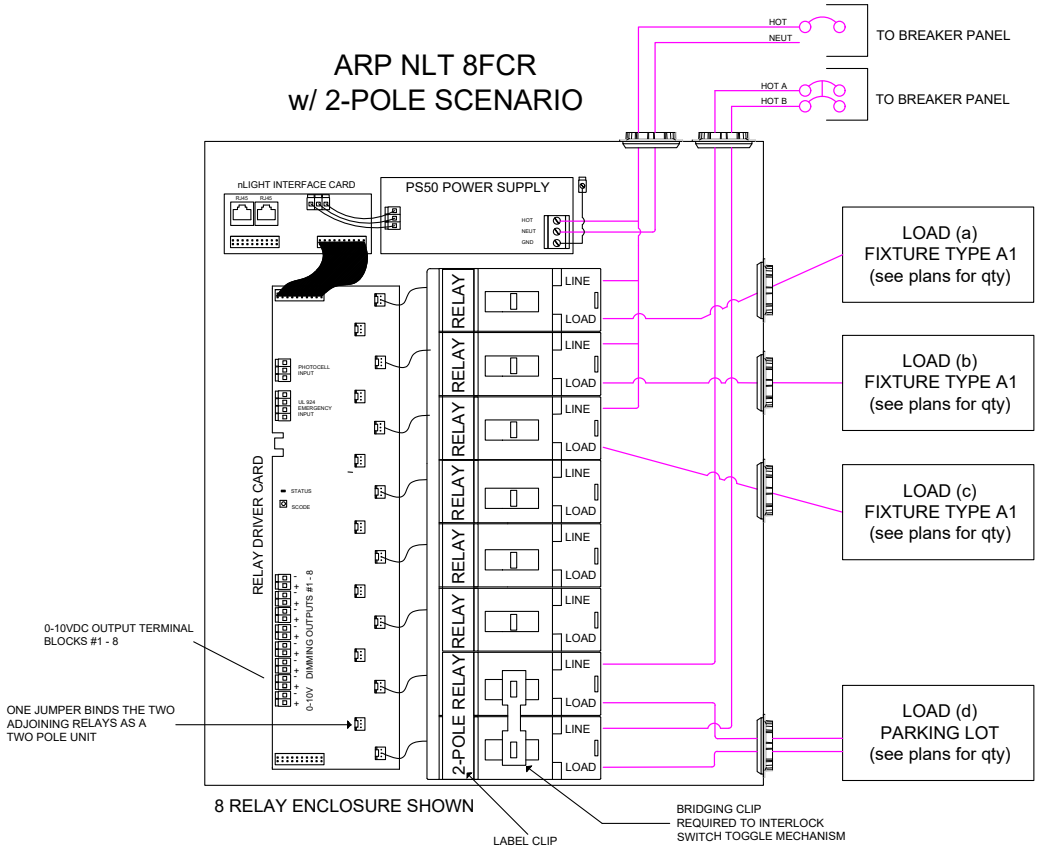
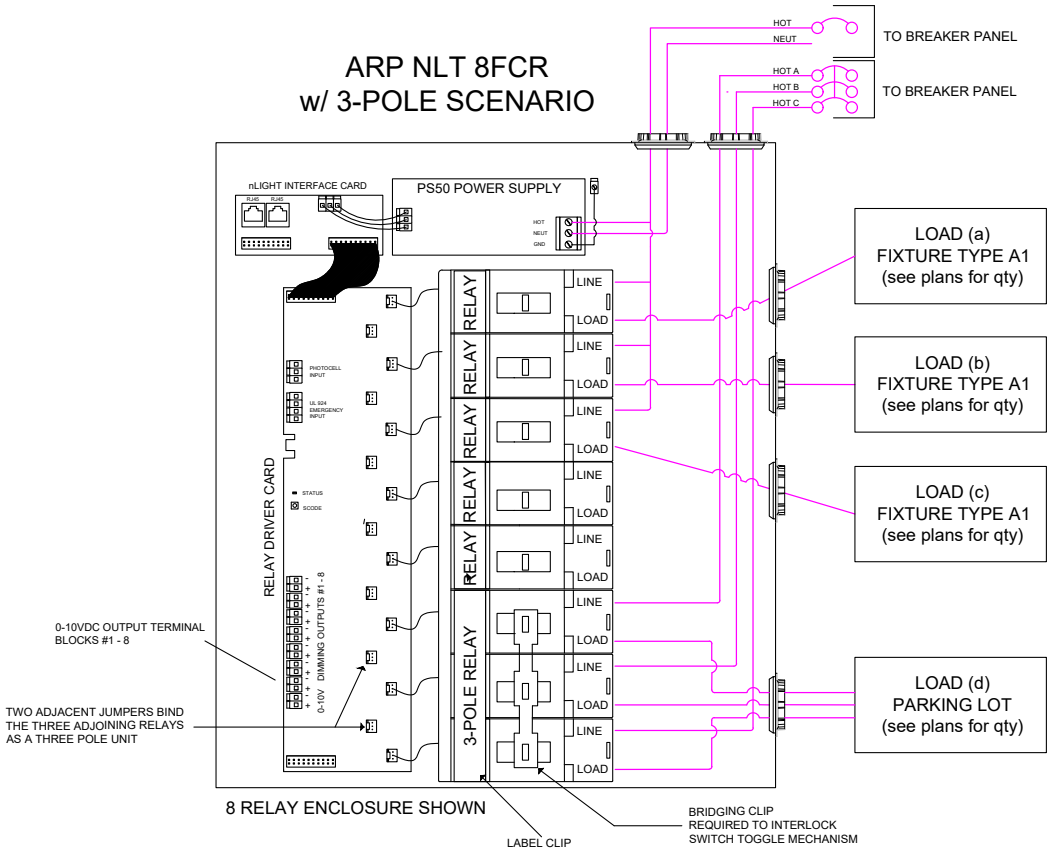
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ARP INTENC08 NLT 8FCR MVOLT SC SM DTC Note:	Type LCP





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SPECIFICATIONS

ENCLOSURE DIMENSIONS
Note: Enclosure is NEMA 1 rated

8-Relay Enclosure

- BACKBOX ONLY: 14.25"H x 14.25"W x 4.00"D
- SURFACE MOUNT SCREW COVER (standard offering): 14.41"H x 14.41"W x 4.05"D
- FLUSH MOUNT SCREW COVER: 15.65"H x 15.65"W x 4.05"D (IN-WALL DEPTH: 4.0")

16 Relay Enclosure

- BACKBOX ONLY: 22.25"H x 14.25"W x 4.00"D
- SURFACE MOUNT SCREW COVER (standard offering): 22.45"H x 14.45"W x 4.06"D
- FLUSH MOUNT SCREW COVER: 23.65"H x 15.65"W x 4.06"D (IN-WALL DEPTH: 4.0")

32 Relay Enclosure

- BACKBOX ONLY: 32.10"H x 20.13"W x 6.00"D
- SURFACE MOUNT HINGED DOOR w/ KEYLOCK: 32.10"H x 20.13"W x 6.68"D

48 Relay Enclosure

- BACKBOX ONLY: 40.10"H x 20.13"W x 6.00"D
- SURFACE MOUNT HINGED DOOR w/ KEYLOCK: 40.10"H x 20.13"W x 6.68"D

Patent

- 10,129,950
- 9,691,578
- 9,368,306

RELAYS

"FCR" Type Relays - Field Configurable for 2-Pole and 3-Pole Relays

- Magnetic/Standard Ballast:
  - 40A @ 120-347VAC (Single-pole)
  - 40A @ 480VAC (Multi-pole)
- Electronic Ballast:
  - 16A @ 120-347VAC
- Tungsten:
  - 20A @ 120-277VAC
- Horsepower Ratings:
  - 2HP @ 120VAC
  - 3HP @ 240-277VAC
- DC:
  - 20A @ 48VDC
- SCCR:
  - 65kA @ 277/480VAC with:
    Screw Cover (SC) option for 8 & 16 relay enclosure
    Hinge Locking (HLK) option for 32 & 48 relay enclosure
  - 14kA @ 277/480VAC with:
    Hinge Locking (HLK) option for 8 & 16 relay enclosure

"SPR" Type Relays (Discontinued)

- Magnetic/Standard Ballast:
  - 20A @ 120-277VAC
- Electronic Ballast:
  - 16A @ 120-277VAC
- Tungsten:
  - 5000W @ 250VAC
- Horsepower Ratings:
  - 2HP @ 120VAC
- DC:
  - 20A @ 48VDC
- SCCR:
  - 5kA @ 277VAC

NLIGHT ADDRESSES PER PANEL

- (9) ARP04/08
  - (8) Relays/Dimming Outputs
  - (1) Programmable Input
- (18) ARP12/16
  - (16) Relays/Dimming Outputs
  - (2) Programmable Inputs
- (36) ARP24/32
  - (32) Relays/Dimming Outputs
  - (4) Programmable Inputs
- (54) ARP48
  - (48) Relays/Dimming Outputs
  - (6) Programmable Inputs

INPUTS (1 PER 8 RELAYS)

- (1) Programmable Input for contact closure or photosensor signal (see photosensor accessories above)
- (1) Override input (requires maintained signal)
- 24VDC/200mA auxiliary power available (per 8 relays)
- Connectors accept 16 to 24 AWG wire

OUTPUTS

- 0-10V Capable of Class 1 or Class 2 Wiring
- 100mA Sink Per Dimming Output
- Note:
  - Low trim default 1V, adjustable down to 0.7V
  - High trim default 10V, 10V max
  - Off mode: < 0.7V
- Connectors accept 16 to 24 AWG wire

POWER SUPPLY INPUTS

- 120-277VAC
- 347VAC Option
- 50/60 Hz
- Max 0.5 Amps for 8/16 relay enclosure
- Max 1.0 Amp for 32/48 relay enclosure

PROGRAMMING

- Via SensorView Software

ENVIRONMENT

- Ambient, 8 & 16 relay enclosure: 32-122F (0-50C)
- Ambient, 32 & 48 relay enclosure: 32-113F (0-45C)
- Relative Humidity: 90% non-condensing

STANDARDS

- UL and cUL 916 listed
- UL 924 listed (for emergency circuit use)
- UL 2043 (Plenum) Rated for Surface Mount Screw cover "SC SM" option (8 & 16 relay enclosure only)

BUS CONNECTOR

- (2) RJ45 connectors
- 40mA Bus Power per RJ45 (80mA total)

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: NIO PC KIT Note:	Type PC

Catalog Number: | Date: | Project:

OVERVIEW

The nLight nIO PC KIT provides an outdoor photocontrol solution for nLight networks. In addition to a weatherproof outdoor photocontrol that mounts to any 1/2" knockout, the nIO PC KIT includes an interface device with a normally low input. This device called a nIO NLI, detects the state of the photocontrol and communicates it over the nLight network to a relay(s) controlling a lighting load. The nIO NLI can also trigger local or remote control scenes to run when the photocontrol's state changes.

The nIO NLI is daisy-chain wired into any zone of nLight devices (sensors, power packs, WallPods) using CAT-5e cabling. Power to the nIO NLI device is provided by the CAT-5e connection to an nLight power pack/ supply within its zone, or a Bridge. Power to the outdoor photocontrol is provided via Class 2 wires from the included PS 150 power supply or other low voltage source (for example the auxiliary power output on an ARP Panel.

The nIO NLI can trigger one of several modes when the connected outdoor photocontrol changes states:

- WallPod Mode: Turns relays on/off within its zone
- Local Scene Mode: Initiates a scene to run on its local zone
- Remote Scene Mode: Requests the Gateway to run a system profile on non-local devices or zones

FEATURES

- Kit Provides both Outdoor Photocell & Specialized nIO Interface Device
- nIO Interfaces Outdoor Photocell Using Normally Low Input
- Sends Toggle Signal to Relays within Local Zone
- Initiates a Local or Remote Scene
- Communicates w/ nLight Network
- Remotely Configurable/Upgradeable
- Push-Button Programmable
- Includes PS 150 Power Supply

Daylight Condition	PC Output	nIO NLI 1S Action	
		WallPod Mode	Scene Mode
Night Time	High	Exert On	Send Scene
Day Time	Low	Exert Off	Run Defaults

Buy American Act
Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.
Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application Specifications subject to change without notice.

A+ Capable

This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

nLIGHT

nIO PC Kit

Outdoor Photocell Interface Kit

*Outdoor Photocell (PC) is model number LCS-624D from Precision Mulitple Controls Inc.

BAA | A+ CAPABLE | c UL us LISTED

ORDERING INFORMATION

nIO PC KIT	Example: nIO PC KIT
NIO PC KIT	
Series	**Buy America(n)**
nIO PC KIT	[blank] Standard BAA Buy America(n) Act Compliant

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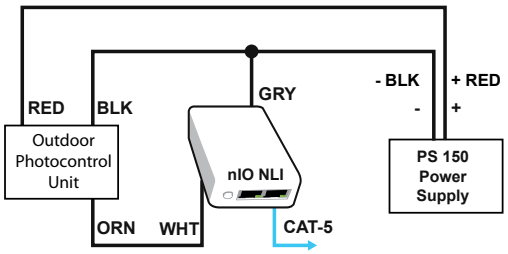
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: NIO PC KIT Note:	Type PC

WIRING

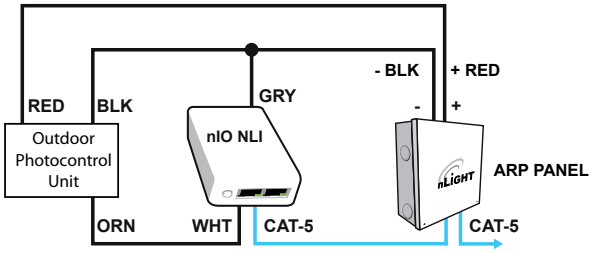
OPTION 1*

*Note, line connection to power supply not shown. Additional nLight devices are required to switch lighting load (e.g., nPP16).



OPTION 2*

*Note, line and load connections to ARP Panel not shown.



Note: If wiring to ARP card, Red and Black class2 wire to be wired to the Sensor or Override inputs of the ARP panel.

SPECIFICATIONS

(nIO NLI)

Size:	3.38"H x 2.53"W x 1.83"D (8.59 cm x 6.43 cm x 4.65 cm)
Weight:	2 oz
Color:	White
Network Connection:	2 RJ-45 each device
Power Requirements:	< 3 mA
Wires:	20 AWG (3)

RoHS Compliant

(PC)

Size:	3.50" H x 1.25" W x 0.25" D (8.89 cm x 3.18 cm x 0.64 cm)
Mounting:	1/2" KO in any approved weatherproof outdoor box
Weight:	4 oz
Color:	Gray
PowerRequirements:	< 35 mA @ 12-28 VDC
Wires:	20 AWG (3)

(PS150)

Size:	(not including ½" chase nipple) 3.00" H x 2.25" W x 1.88" D (7.62 cm x 5.72 cm x 4.78 cm)
Weight:	6 oz
Mounting:	1/2" KO
Color:	Black
Operating Voltage:	120/277
Output Voltage, Current:	15 VDC, 150 mA
Wires:	18 AWG (3) & 20 AWG (2)

RoHS Compliant

TN-704-02

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CM PDT 9 Note:	Type OS

Catalog Number: | Date: | Project:

OVERVIEW

The CM family of ceiling mount occupancy sensors provide a range sensor solutions for applications with finished ceilings (e.g. ceiling tiles, sheetrock, plaster). CM family sensors utilize 100% digital Passive Infrared (PIR) detection and are available with several lens options, providing flexibility for multiple mounting height and coverage pattern requirements. Dual technology (PDT) occupancy detection can also be added as an option for applications where occupants are stationary for long periods of time. With optional flash programming via the Sensor Switch Mobile App, the user can easily change time delay, on mode and photocontrol settings.

FEATURES

- Configurable using the Sensor Switch Mobile App
- 360° coverage pattern
- Push- button programmable, adjustable time delays, and multiple operating modes
- 100 hr lamp burn-in timer
- No field calibration or sensitivity adjustments required
- Convenient test mode
- Green LED indicator

Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

sensorswitch

CM
CM PDT
Ceiling Mount Occupancy Sensor

Available on the App Store | ANDROID APP ON Google play | VLP | RoHS COMPLIANT | c UL US LISTED

Design Select options indicated by this color background.

ORDERING INFORMATION

CM Family						Example: CM PDT 11 R LT
CM	PDT	9				
Series	**Detection Technology**	**Coverage Type**	**Relay**	**Dimming**	**Visible Light Programming**	**Temp/Humidity**
CM Ceiling Mount Sensor	[blank] PIR PDT[1] Dual Technology (PIR/Microphonics)	6 High Bay 360° 9 Small Motion 360° 10 Large Motion 360° 11 Hallway	[blank] None R Low Voltage Relay	[blank] None D Occupancy Controlled Dimming P Photocell ADC[2] Photocell w/ Dimming	[blank] None VLP[3] 6-8' Range Flash Programming via the Sensor Switch Mobile App	[blank] Standard LT Low Temp/ High humidity

Notes
1. PDT option not available on CM 6 models
2. ADC option not available on CM 6 models
3. Must specify P or ADC if VLP is ordered and must be within 5ft of sensor to program

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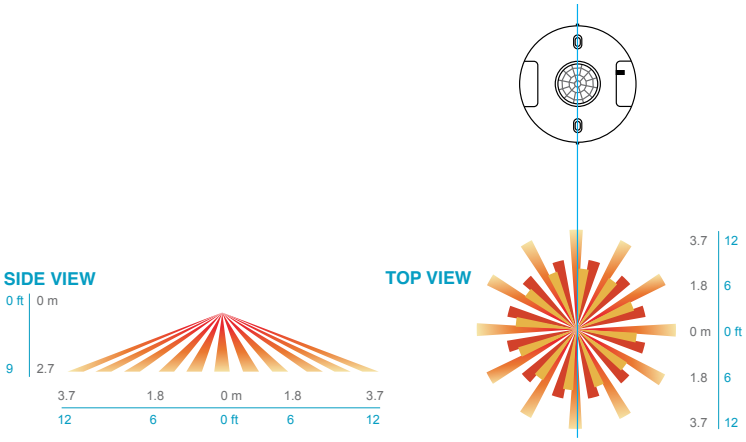
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: CM PDT 9 Note:	Type OS

COVERAGE PATTERNS

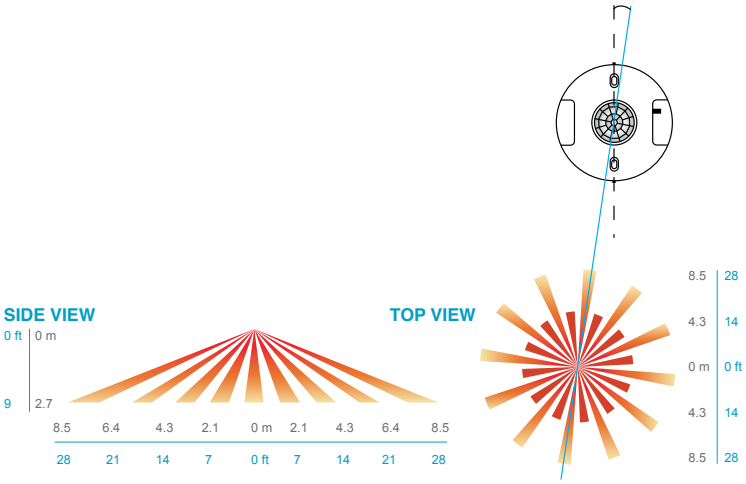
Small Motion 360° (Model # CM 9/ CM PDT 9[1])

- Best choice for small motion (e.g. hand movements) detection
- 360° conical shaped pattern
- Provides 12 ft (3.66 m) radial coverage (~500 ft2) when mounted to standard 9 ft (2.74 m) ceiling
- 8 to 15 ft (2.44 to 4.57 m) mounting heights provide 10 to 20 ft (3.05 to 6.10 m) radial coverage
- Lens assembly is marked with a gray ring around lens to differentiate versus the #10 lens
- Tested to NEMA WD 7-2011



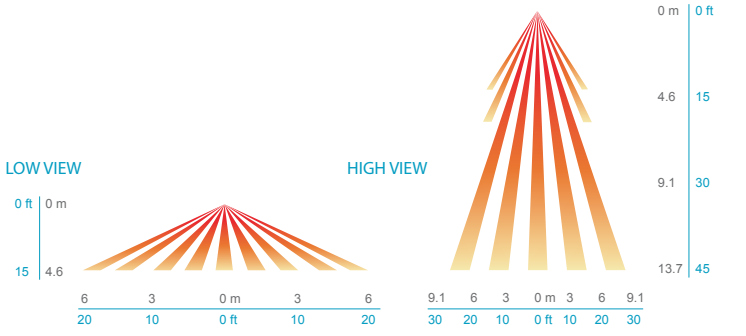
Large Motion 360° (Model # CM 10/ CM PDT 10[1])

- Best choice for large motion detection (e.g. walking)
- 360° conical shaped pattern
- Provides ~24 ft (7.32 m) radial coverage (~2000 ft2) when mounted at 9 ft (2.74 m)
- 7 to 15 ft (2.13 to 4.57 m) mounting heights provide 16 to 36 ft (4.88 to 10.97 m) radial coverage
- Detection range improves when walking across beams compared to into beams
- Tested to NEMA WD 7-2011



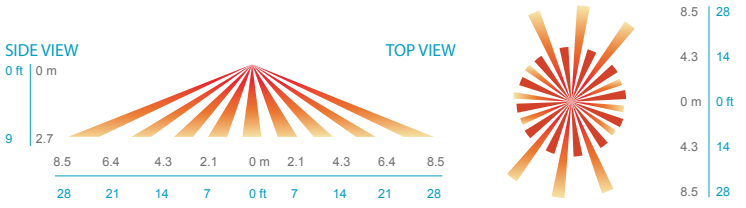
High Mount 360° (Model # CM 6)

- Best choice for 15 to 45 ft (4.57 to 13.72 m) mounting heights
- 15 to 20 ft (4.57 to 6.10 m) radial coverage overlaps area lit by a typical high bay fixture
- Excellent detection of large motion (e.g. walking) up to 35 ft (10.76 m)
- Excellent detection of extra large motion (e.g. forklifts) up to a 45 ft (13.72 m)
- Tested to NEMA WD 7-2011



High Mount Hallway (Model # CM 11/ CM PDT 11[1])

- Best choice for large motion detection
- Provides 28 ft (8.53 m) of coverage when mounted to standard 9 ft (2.74 m) ceiling
- 7 to 15 ft (2.13 to 4.57m) mounting heights provide 16 to 36 ft (4.88 to 10.97m) hallway coverage
- Tested to NEMA WD 7-2011



1. Sensors with Microphonics™ provides overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is also utilized to prevent non-occupant noises from keeping the lights on.

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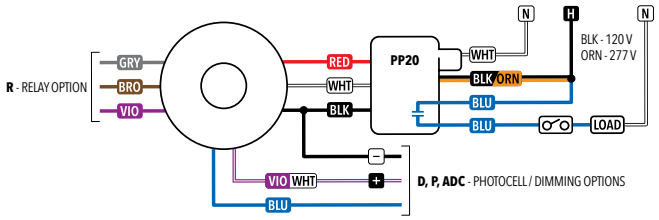
WIRING (DO NOT WIRE HOT)

STANDARD WIRING

RED - Power Input (12-24 VAC/VDC)

BLACK - Common

WHITE - Occupancy State (high VDC for occupied)



PHOTOCELL / DIMMING OPTIONS (D, P, ADC)

BLUE - Direct output to power pack for providing photocell control and/or secondary dim time out. Output is high VDC with occupancy & low light. Output also held high during secondary dim time out. For multi-level control, use two power packs and connect White wire to primary load and Blue to daylight load.

VIOLET w/ WHITE STRIPE - Connect to 0-10 VDC control wire (typically Violet) from 0-10 VDC dimmable ballast

GRAY from Ballast - Connect to sensor Black wire

RELAY OPTION (R)

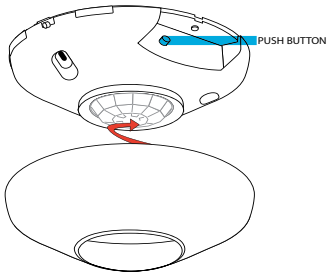
GRAY / BROWN - Connected during occupied state

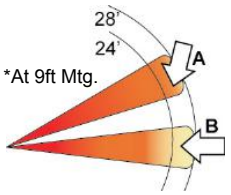
VIOLET / BROWN - Connected during unoccupied state

Note: Relay is energized during unoccupied state

INSTALLATION

- Mount sensor directly to a ceiling tile or a metallic grid (two self-tapping screws provided).
- Sensor's mounting holes also align with 3.5" octagon or single gang handy box (screws not provided).
- Sensor will detect motions crossing segments more effectively than motions parallel to beams.
- For optimal detection, position sensor such that segments are crossed upon entrance and unable to view outside the space.
- PDT models: For maximum Microphonics sensitivity avoid locating sensor near HVAC air diffusers





A: When walking across beam, detection will occur at approximately 28 feet. (8.53 m)

B: When walking into beam, detection will occur at approximately 24 feet. (7.32 m)

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SPECIFICATIONS

Electrical	**Input Ratings**	Class 2 Input 24V max, 4mA Class 2 Input 24V max, 16mA (-R Option)
	Relay Type	Electrically held
	Low Voltage Output Ratings	0-10VDC, Sinks <20mA
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	4.55"W x 1.55"D (116mm x 40mm)
	Mounting	Single-Gang or Octagonal Box, Surface Mount
	Color	White
	Finish	Matte
	Connection Type	Low Voltage Leads
Environmental	**Warrantied Operating Temperature**	Standard: 14°F to 185°F (-10°C to 85°C) PDT option: 14°F to 140°F (-10°C to 60°C) LT option: -4°F to 185°F (-20°C to 85°C) PDT LT options: -4°F to 140°F (-20°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Environment	Indoor
	Standards/ Ratings	RoHS

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: PP20 Note:	Type PP

Catalog Number: | Date: | Project:

OVERVIEW

Power packs are the heart of the low voltage sensor system. A PP20 Series power pack transforms Class I high voltage (120/277 VAC) to Class 2 15 VDC for powering remote sensors. The PP20 and the SP20 Series secondary pack are also capable of switching lighting loads on and off using their internal relays. Class 2 wire leads connect to 18 to 22 AWG low voltage cable running to the sensors, making installation easy and clean. Power packs also have an elongated chase nipple that allows it to be mounted either directly through a ½ inch knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums.

The PP20 is versatile. It utilizes a patented relay contact protection and can power up to 14 sensors. Dual-circuit control can be handled by two PP20's or a PP20 power pack and a SP20 secondary pack.

For emergency powered loads, please visit our shunt power pack solution:

Line Voltage:
https://www.acuitybrands.com/products/detail/460876/sensorswitch/pp16-shunt/bypass-relay

Low Voltage:
https://www.acuitybrands.com/products/detail/1171701/sensorswitch/pp5lv-shunt/pp5lv-shunt-bypass-relay

FEATURES

- Powers Low Voltage Sensors (PP20 only)
- Self-Contained Relay(s) Switch Line Voltage Loads
- Relay Contact Protection
- Plenum Rated

sensorswitch®

PP20
SP20
Power Pack

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

UL LISTED

ORDERING INFORMATION

PP20			Example: PP20 LT
PP20			
Series	**# of Poles**	**Voltage**	**Temperature/Humidity**
PP20 Power/ Relay Pack	[blank] 1	[blank] 120/277 VAC	[blank] Standard
SP20 Secondary Relay Pack			LT Low Temp/High Humidity

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SPECIFICATIONS

Electrical Specifications	**Input Ratings**	PP20:120/277VAC, 50/60 Hz; SP20 15 VDC
	Output Ratings	120/277VAC, 20A - General Use 240VAC, 1 HP - Motor 120VAC, 5A, 600 W - Tungsten 240VAC, 1 HP - Motor 120VAC, 5A, 600 W - Tungsten; SP20: 120/277VAC, 20A - General Use 240VAC, 1 HP - Motor 120VAC, 5A, 600 W - Tungsten
	Relay Type	Latching/ SP20: Latching
	Low Voltage Output Ratings	PP20: 15VDC, 20A per pole (150mA total); SP20
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435); UL916 (E167435); SP20: Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	3.00"H x 2.25"W x 1.88"D (76mm x 57mm x 48mm) - not including chase nipple; SP20: 3.00"H x 2.25"W x 1.88"D (76mm x 57mm x 48mm) - not including chase nipple
	Mounting	1/2" Knockout (7/8" hole) SP20: 1/2" Knockout (7/8" hole)
	Color	Black/ SP20: Black
	Connection Type	Line-Voltage Leads; SP20: Line-Voltage Leads
Environmental	**Warrantied Operating Temperature**	14°F to 122°F (-10°C to 50°C) 14°F to 113°F (-10°C to 45°C) if enclosed within a junction box 14°F to 113°F (-10°C to 45°C) if enclosed within a junction box / SP20: 14°F to 122°F (-10°C to 50°C) 14°F to 113°F (-10°C to 45°C) if enclosed within a junction box
	Relative Humidity	Up to 90%, Non-Condensing; SP20: Up to 90%, Non-Condensing
	Standards/ Ratings	PP20: RoHS, Plenum UL2043; SP20: RoHS, Plenum UL2043
	Standards/ Ratings	System Component to aid in compliance with Title 24/SP20: System Component to aid in compliance with Title 24

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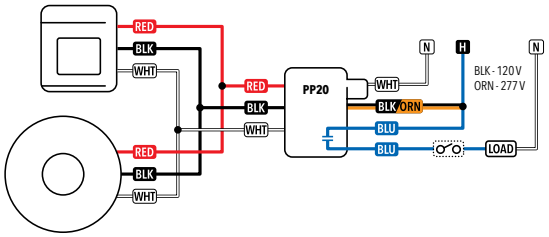
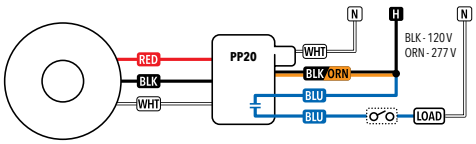
WIRING (DO NOT WIRE HOT)

Note: The Power Pack must be connected to a single phase Hot and Neutral System. For 120 VAC, connect teh Black wire to Hot, White wire to Neutral, and Cap off the Orange/ Red wire. For 240-277 VAC, connect the Orange to Hot, White to Neutral, and Cap off the Black Wire. **Never connect both the Black and Orange wires!** Low Voltage wire can be 18 to 22 AWG; shielding is not necessary.

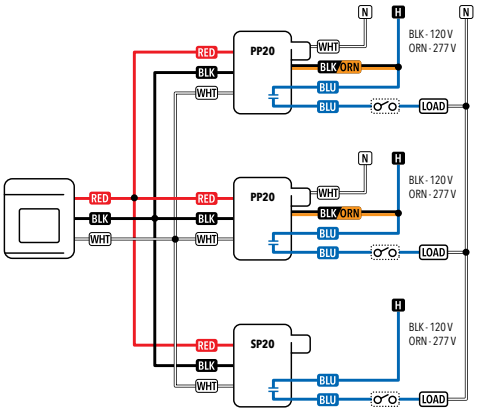
Multiple Sensors Controlling One Circuit



One Sensor Controlling One Circuit



Wiring Multiple Power Packs Together



POWERING CAPACITY

A power pack's transformers can supply up to 150 mA of power. Each relay requires 40 mA during the on state. Low voltage remote sensors typically require 3 mA when detecting occupants, and 0.15 mA when in standby. Therefore, each transformer can handle up to 3 relays (including the relay(s) inside the power pack). For example, one PP20 can power its relay (40 mA) and 110 mA of external devices. Because of the ultra low current design of the sensors, up to 14 sensors can be connected to a single power pack! If multiple power packs are used together, an additional 110 mA is available. Do not exceed more than 5 connected power packs.

	Sensors	Sensors w/ R option
1 PP20	14	8
1 PP20 w/SP20	7	6
2 PP20	28	16

Note:
Only three relays may be controlled with one Power Pack. If more than three circuits are required, multiple power packs must be used. The R option adds an isolated low voltage relay to a sensor. Only one sensor with this option is typically needed in a room.

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT XX Note:	Type $OS

Catalog Number:	Date:	Project:

OVERVIEW

The WSXA Family of wall switch occupancy sensors provides simple and cost effective solutions for commercial and residential lighting control applications. All WSXA Family sensors have a stylish low profile appearance, soft-click buttons, and provide small motion detection up to 20 ft (6.10 m), making them perfect for private offices, private restrooms, closets, copy rooms, or any other small enclosed space. Additionally, all WSXA Family sensors have a patent-pending wiring method that enables them to function either with or without a neutral connection. WSXA units come pre-configured for wiring without a neutral, however if connection to neutral is required by code, contractors can convert the unit in seconds.

MULTI-WAY (MWO)

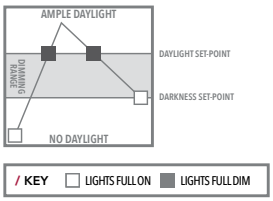
Our new WSXA MWO series allows for multi-location On/Off or 0-10 dimming up to 9 devices (2 device limit when neutral-less wiring used) on a single traveler.

FEATURES

- Single Pole devices can be programmed with Sensor Switch VLP app or traditional push button programming
- WSXA MWO can be used in conjunction with sPODMRA MWO
- Devices can be spaced up to 250 ft with MWO option
- MWO option support up to 9 additional MWO enabled devices (2 neutral-less) on a single traveler
- Compatible w/LEDs, electronic & magnetic ballasts, CFLs, & incandescents
- 100% passive detection, no potential for interference with other building systems
- Small motion detection to up to 20 ft, Large motion detection up to 36ft
- Push-button programmable without removing cover plate - adjustable time delays & operating modes
- Dual technology (PDT) utilizes PIR/Microphonics™ detection (patented)
- Device accommodates powering over ground or neutral connection (patent pending)
- Fully meets NEC 2017 Section 404.2C neutral requirements - no current leakage to ground when connected to neutral
- Line power and load wires are interchangeable - impossible to wire backwards (patented)
- Integrated Photocell (disabled by default) prevents light from turning on if sufficient daylight is present
- New aesthetic with vandal resistant lens

ADAPTIVE DAYLIGHT HARVESTING (ADH)

With Sensor Switch's Adaptive Daylight Harvesting (ADH), automatic dimming has never been more reliable - even in a wall switch. It works by establishing two state change set-points; daylight and darkness. The light level in the space will then be automatically maintained by intelligently controlling the dim level of the electric light source. Set-points can be established using the "Set Now" option or programmed using desired light levels as measured in foot candles (fc).



Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

sensorswitch

WSXA Series
Wall Switch Sensor

WSXA/WSXA MWO
On/Off
Single Relay

WSXA D/WSXA MWO D
On/Off/Dimming
Single Relay

WSXA 2P FAN
On/Off Dual Relay

Available on the App Store
ANDROID APP ON Google play
VLP
TITLE 24 PART 6
c UL us LISTED

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT XX Note:	Type $OS

Design Select options indicated by this color background.

ORDERING INFORMATION

WSXA Single Pole

Example: WSXA MWO PDT D WH

WSXA PDT

Series Option	Detection Mode	eldoLED	Dimming[7]	Operating Mode[3]
WSXA Wall Switch Sensor (Occupancy and Daylighting)	[blank] Passive Infrared (PIR)	[blank] none	[blank] On/Off	[blank] Automatic on (default) or Vacancy
WSXA MWO WSXA with Multi-way Operation	PDT Dual Technology	EZ[2] eldoLED Driver Compatibility	D Dimming	SA Manual On (default) or Automatic On
				VA Vacancy
				ASL[3,4] Automatic Start Level 5VDC

ADVISE

Voltage	Color[5]	Max Dim Level[6,7]	Min Dim Level[6,7]	Temp / Humidity
[blank] 120-277 VAC	WH White, IV Ivory, GY Gray, AL Light Almond, BK Black, RD Red	[blank] 10 VDC, 9H 9 VDC, 8H 8 VDC, 7H 7 VDC	[blank] 0 VDC, 1V 1 VDC, 2V 2 VDC, 3V 3 VDC, 4V 4 VDC, 5V 5 VDC, 6V 6 VDC	[blank] Standard, LT Low Temp/ High Humidity
347 347 VAC				

Notes:

1 Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC.
2 EZ only available with D option.
3 Operating Modes re-programmable via push-button except for VA version.
4 Not available with EZ, Max Dim, or Min Dim Level. Also requires the D option.
5 Matching wall plate provided for 120-277 VAC units.
6 Only available with D option.
7 Minimum order qty of 30 units for Max or Min Dim Level settings. Additional time may be required.

WSXA 2P

Example: WSXA 2P FAN WH LT

Series Option	Detection Mode	Poles	Fan[2]	Operating Mode[3]
WSXA Wall Switch Sensor (Occupancy and Daylighting)	[blank] Passive Infrared(PIR) PDT Passive Dual Technology	2P[1] 2 Poles	[blank] No Fan FAN Fan Operation	[blank] Pole 1 auto-on Pole 2 Manual On 2SA Both poles Manual On (default) 2VA Both poles vacancy (only)

Voltage	Run Time[4]	Color[5]	Temp/Humidity
[blank] 120-277 VAC 347 347 VAC	[blank] Pole 1 Lights Pole 2 Fan ASHRT Pole 1 Lights Pole 2 Fan, Minimum Fan Run Time per Ashrae 62.2	WH White, IV Ivory, GY Gray, AL Lt. Almond, RD Red, BK Black	[blank] Standard LT Low Temp/ High Humidity

Notes:

1 2P does not have VLP functionality.
2 If Fan Operation is selected Operating Mode must be blank.
3 Operating Modes re-programmable via push-button except for VA version.
4 Only available if 2P FAN is selected.
5 Matching wall plate provided for 120-277VAC Units.

SSW

Example: SSW 1GNG OCC WH

Series	Number of Gangs	Mount	Color
SSW Sealed Screwless Wall-Plate	1GNG Single Gang	[blank] Standard Wall Switch OCC Occ. Wall Switch	WH White, IV Ivory, RD Red

WALLP

Series	Color	Multi-Pack Size
WALLP1 Screwless Wall Plate Single Gang WALLP2 Screwless Wall Plate Dual Gang	WH White, IV Ivory, GY Gray, AL Light Almond, BK Black, RD Red	M5 (5 Wall Plates)

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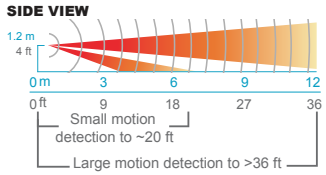
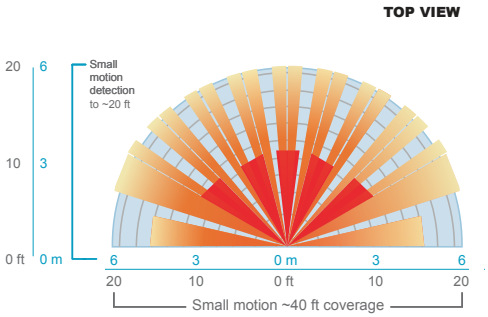
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast 277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 347VAC, 1500W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 120/277/347VAC, 1/4 HP - Motor
	Relay Type	Latching
	Low Voltage Output Ratings	0-10VDC, Sinks <50mA
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box
	Connection Type	Low-Voltage Leads, Line-Voltage Leads
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS

COVERAGE PATTERNS

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft2
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft2
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011

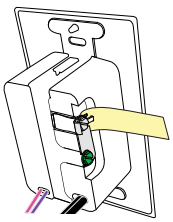




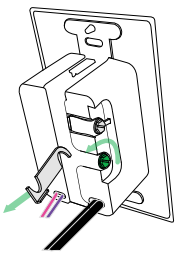
CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.

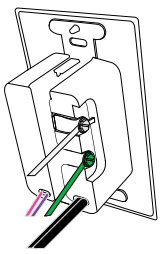
Step 1: Remove Yellow Label



Step 2: Loosen Screws and Remove Metal Link



Step 3: Connect Neutral to Silver Screw and Ground to Green Screw



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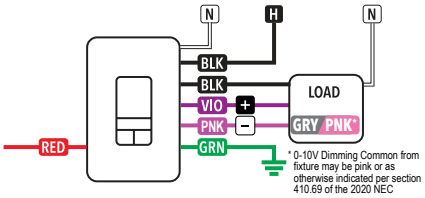
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT XX Note:	Type $OS

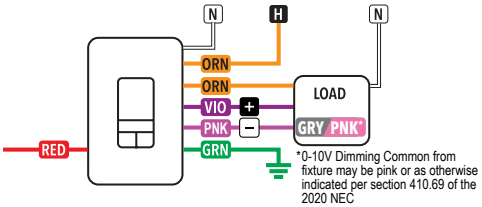
WIRING

CONVERTIBLE NEUTRAL

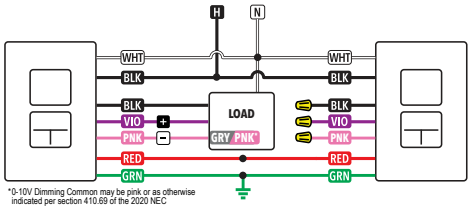
SINGLE RELAY, 120-277 VAC



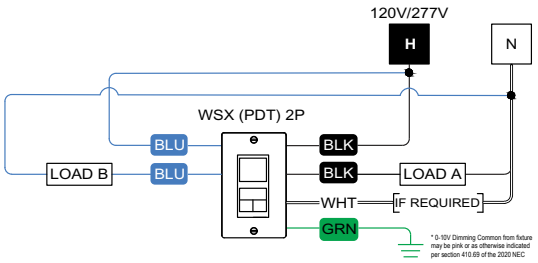
SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC

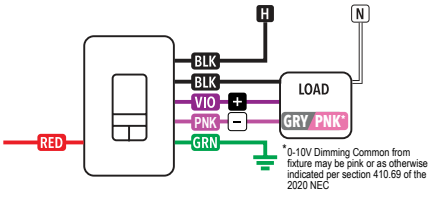


2 POLE CONFIGURATION

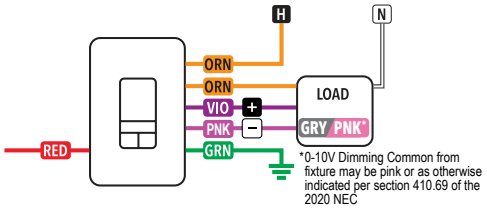


GROUND ONLY

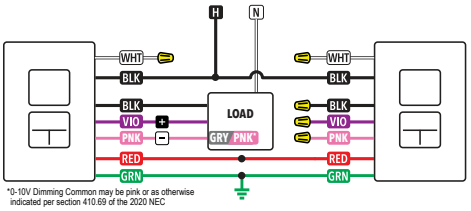
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



WIRE COLOR KEY

120-277 VAC WIRING

BLK	-	Line Input
BLK	-	Line Output
VIO	-	Low Voltage Dim Output (0-10 VDC)
PNK	-	Low Voltage Common
RED	-	Low Voltage Communication Wire

347 VAC WIRING (-347 Option)

Orange (ORN) wires replace black (BLK) wires

***Some Pink wires may come as Gray

Notes:

- All load controls act in unison
- Black wires can be used interchangeably
- Violet and pink wires are not present on devices without D option
- Cap off violet and pink wires if dimming functionality is not being used
- Red Wire is not present on devices without MWO option
- Cap off red wire if Multi-Way functionality is not being used
- For ground Multi-Way Configurations ground must come from same source
- For neutral conversion Multi-Way Configurations power must come from the same panel
- Per NEC requirements, the 0-10V violet and pink wires must be installed as Class One.
- SPODMRA MWO paired with WSXA MWO will act accordingly with WSXA occupancy settings
- The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- The Low Voltage Communication BUS must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- Dimming wires from individual MWO devices should only connect with fixture/driver dimming wires and never to another MWO device

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT D XX Note:	Type $0D

Catalog Number: | Date: | Project:

OVERVIEW

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FEATURES

- Single Pole devices can be programmed with Sensor Switch VLP app or traditional push button programming
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- Devices can be spaced up to 250 ft with MWO option
- MWO option support up to 9 additional MWO enabled devices (2 neutral-less) on a single traveler
- Compatible w/LEDs, electronic & magnetic ballasts, CFLs, & incandescents
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- Small motion detection to up to 20 ft, Large motion detection up to 36ft
- Push-button programmable without removing cover plate - adjustable time delays & operating modes
- Dual technology (PDT) utilizes PIR/Microphonics™ detection (patented)
- Device accommodates powering over ground or neutral connection (patent pending)
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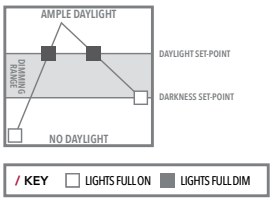
ADAPTIVE DAYLIGHT HARVESTING (ADH)

With Sensor Switch's Adaptive Daylight Harvesting (ADH), automatic dimming has never been more reliable - even in a wall switch. It works by establishing two state change set-points; daylight and darkness. The light level in the space will then be automatically maintained by intelligently controlling the dim level of the electric light source. Set-points can be established using the "Set Now" option or programmed using desired light levels as measured in foot candles (fc).



Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

sensorswitch

WSXA Series
Wall Switch Sensor

WSXA/WSXA MWO
On/Off
Single Relay

WSXA D/WSXA MWO D
On/Off/Dimming
Single Relay

WSXA 2P FAN
On/Off Dual Relay

Available on the App Store
ANDROID APP ON Google play
VLP
TITLE 24 PART 6
c UL us LISTED

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT D XX Note:	Type $0D

Design Select options indicated by this color background.

ORDERING INFORMATION

WSXA Single Pole — Example: WSXA MWO PDT D WH

WSXA	PDT		D	
Series Option	**Detection Mode**	**eldoLED**	**Dimming**[7]	**Operating Mode**[3]
WSXA Wall Switch Sensor (Occupancy and Daylighting)	[blank] Passive Infrared (PIR)	[blank] none	[blank] On/Off	[blank] Automatic on (default) or Vacancy
WSXA MWO WSXA with Multi-way Operation	PDT Dual Technology	EZ[2] eldoLED Driver Compatibility	D Dimming	SA Manual On (default) or Automatic On
				VA Vacancy
				ASL[3,4] Automatic Start Level 5VDC

ADVISE

Voltage	**Color**[5]		**Max Dim Level**[6,7]	**Min Dim Level**[6,7]		**Temp / Humidity**
[blank] 120-277 VAC	WH White	AL Light Almond	[blank] 10 VDC	[blank] 0 VDC	4V 4 VDC	[blank] Standard
347 347 VAC	IV Ivory	BK Black	9H 9 VDC	1V 1 VDC	5V 5 VDC	LT Low Temp/ High Humidity
	GY Gray	RD Red	8H 8 VDC	2V 2 VDC	6V 6 VDC	
			7H 7 VDC	3V 3 VDC		

Notes:

1 Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC.
2 EZ only available with D option.
3 Operating Modes re-programmable via push-button except for VA version.
4 Not available with EZ, Max Dim, or Min Dim Level. Also requires the D option.
5 Matching wall plate provided for 120-277 VAC units.
6 Only available with D option.
7 Minimum order qty of 30 units for Max or Min Dim Level settings. Additional time may be required.

WSXA 2P — Example: WSXA 2P FAN WH LT

Series Option	**Detection Mode**	**Poles**	**Fan**[2]	**Operating Mode**[3]
WSXA Wall Switch Sensor (Occupancy and Daylighting)	[blank] Passive Infrared(PIR) PDT Passive Dual Technology	2P[1] 2 Poles	[blank] No Fan FAN Fan Operation	[blank] Pole 1 auto-on Pole 2 Manual On 2SA Both poles Manual On (default) 2VA Both poles vacancy (only)

Voltage	**Run Time**[4]	**Color**[5]		**Temp/Humidity**
[blank] 120-277 VAC	[blank] Pole 1 Lights Pole 2 Fan	WH White	AL Lt. Almond	[blank] Standard
347 347 VAC	ASHRT Pole 1 Lights Pole 2 Fan, Minimum Fan Run Time per Ashrae 62.2	IV Ivory	RD Red	LT Low Temp/ High Humidity
		GY Gray	BK Black	

Notes:

1 2P does not have VLP functionality.
2 If Fan Operation is selected Operating Mode must be blank.
3 Operating Modes re-programmable via push-button except for VA version.
4 Only available if 2P FAN is selected.
5 Matching wall plate provided for 120-277VAC Units.

SSW — Example: SSW 1GNG OCC WH

Series	**Number of Gangs**	**Mount**	**Color**	
SSW Sealed Screwless Wall-Plate	1GNG Single Gang	[blank] Standard Wall Switch	WH White	RD Red
		OCC Occ. Wall Switch	IV Ivory	

WALLP

Series	**Color**		**Multi-Pack Size**
WALLP1 Screwless Wall Plate Single Gang	WH White	AL Light Almond	M5 (5 Wall Plates)
WALLP2 Screwless Wall Plate Dual Gang	IV Ivory	BK Black	
	GY Gray	RD Red	

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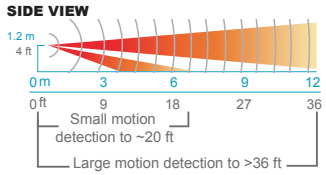
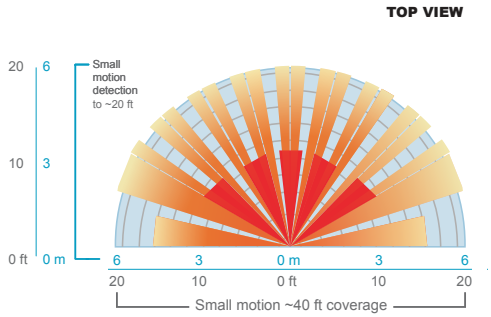
SPECIFICATIONS

Electrical	**Input Ratings**	120-277VAC, 50/60 Hz 347VAC, 50/60 Hz (with 347 option)
	Output Ratings	120VAC, 800W, 6.7A - Tungsten, Standard Ballast, Electronic Ballast 277VAC, 1200W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 347VAC, 1500W, 4.3A - Tungsten, Standard Ballast, Electronic Ballast 120/277/347VAC, 1/4 HP - Motor
	Relay Type	Latching
	Low Voltage Output Ratings	0-10VDC, Sinks <50mA
	Standards/ Ratings	Energy Management Equipment, UL916 (E167435)
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box
	Connection Type	Low-Voltage Leads, Line-Voltage Leads
Environmental	**Warrantied Operating Temperature**	32°F to 140°F (0°C to 60°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS

COVERAGE PATTERNS

- Small motion (e.g. hand movements) detection up to 20 ft (6.10 m), ~625 ft2
- Large motion (e.g. walking) detection greater than 36 ft (10.97 m), ~2025 ft2
- Wall-to-wall PIR coverage
- Units with -PDT (Passive Dual Technology) option (also called Microphonics) provide overlapping detection of human activity over the complete PIR coverage area. Advanced filtering is utilized to prevent non-occupant noises from keeping the lights on.
- Tested to NEMA WD 7-2011

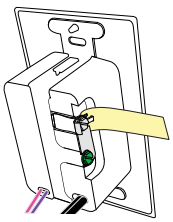




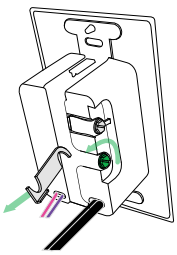
CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.

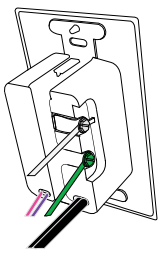
Step 1: Remove Yellow Label



Step 2: Loosen Screws and Remove Metal Link



Step 3: Connect Neutral to Silver Screw and Ground to Green Screw



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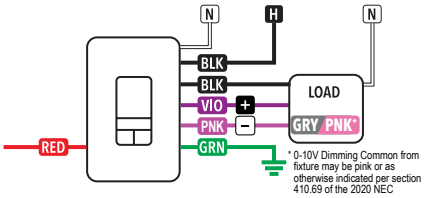
LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: WSXA PDT D XX Note:	Type $0D

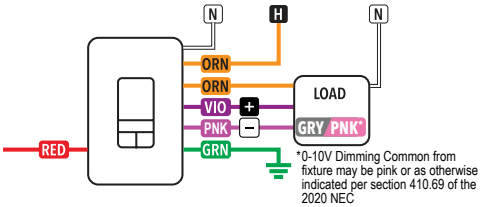
WIRING

CONVERTIBLE NEUTRAL

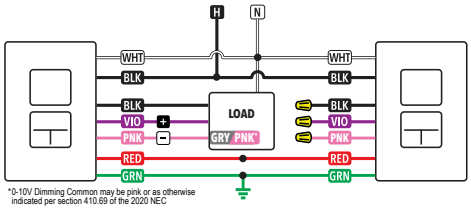
SINGLE RELAY, 120-277 VAC



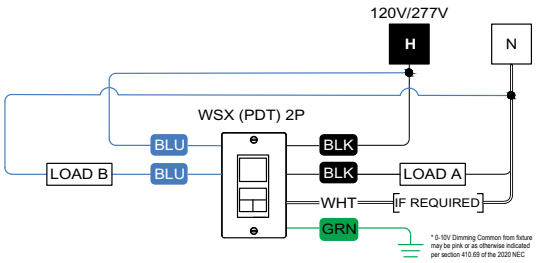
SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC

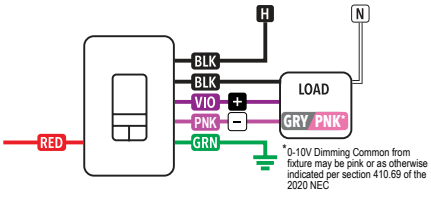


2 POLE CONFIGURATION

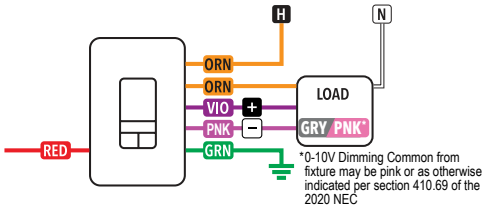


GROUND ONLY

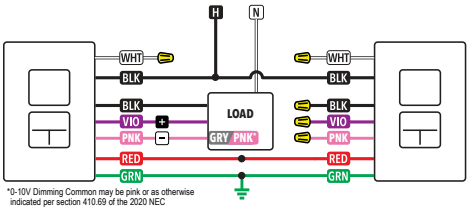
SINGLE RELAY, 120-277 VAC



SINGLE RELAY, 347 VAC



SINGLE RELAY, MULTI-WAY CONFIGURATION, 120-277 VAC



WIRE COLOR KEY

120-277 VAC WIRING

BLK	-	Line Input
BLK	-	Line Output
VIO	-	Low Voltage Dim Output (0-10 VDC)
PNK	-	Low Voltage Common
RED	-	Low Voltage Communication Wire

347 VAC WIRING (-347 Option)

Orange (ORN) wires replace black (BLK) wires

***Some Pink wires may come as Gray

Notes:

- All load controls act in unison
- Black wires can be used interchangeably
- Violet and pink wires are not present on devices without D option
- Cap off violet and pink wires if dimming functionality is not being used
- Red Wire is not present on devices without MWO option
- Cap off red wire if Multi-Way functionality is not being used
- For ground Multi-Way Configurations ground must come from same source
- For neutral conversion Multi-Way Configurations power must come from the same panel
- Per NEC requirements, the 0-10V violet and pink wires must be installed as Class One.
- SPODMRA MWO paired with WSXA MWO will act accordingly with WSXA occupancy settings
- The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- The Low Voltage Communication BUS must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG
- Dimming wires from individual MWO devices should only connect with fixture/driver dimming wires and never to another MWO device

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LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
LED/OLED COMMERCIAL PRODUCTS
09.01.2022

Subject to the exclusions set forth below, Acuity Brands Lighting, Inc. ("Acuity") warrants its commercial LED/OLED fixtures, including the LED arrays and the drivers and integral control devices ("Product(s)") to be free from defect in material and workmanship for a period of five (5) years from the date of shipment from Acuity's facilities (the "General Warranty"). For Products with embedded ultraviolet (UV) based devices that are not separable from the fixture(s), this Limited Warranty shall apply to both the UV based devices and the Products, but the Warranty Period shall be reduced to two (2) years from the date of shipment from Acuity's facilities. Acuity further warrants that, for one (1) year, the functionality of the firmware embedded in the Product(s) ("Product Firmware") will conform in all material respects to the Product documentation available at the start of the warranty period. The LED arrays in the Product(s) will be considered defective in material or workmanship only if a total of 10% or more of the individual light emitting diodes in the Product(s) fail to illuminate.

For installed Rough Service Product(s), Acuity warrants that, for the lifetime of the Product(s), the polycarbonate lens and/or polycarbonate housing will withstand breakage resulting from occasional physical abuse and rough handling (the "Rough Service Warranty"), notwithstanding the vandalism exclusion set forth below.

This Limited Warranty only covers Product function and does not cover existing building systems and/or network performance of any Product(s) or re-programming or field adjustments of any Product(s) done by anyone that has not been authorized or certified in writing by Acuity. Acuity does not warrant the security of any Product(s). Product(s) that are identified by Acuity as requiring on-site commissioning will only be covered by this Limited Warranty if commissioned by Acuity authorized personnel. Warranty coverage shall not apply to any equipment or integration services of another manufacturer used in conjunction with Acuity Product(s) or where Acuity-authorized cables are not used. This Limited Warranty only applies to the Product(s) when sold for commercial purposes and does not apply to residential product(s) provided by Acuity, all of which are governed by separate limited warranty terms.

Except as otherwise set forth herein, ballasts, lamps, emergency batteries/invertors, vandal resistant product, poles, replaceable consumables (such as batteries), computer hardware, mobile computing devices, third party gear, commissioning systems, and components specified by others are excluded from this Limited Warranty. Ultraviolet (UV) based devices that are separable from the Product (s) are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Manufacturers of third-party ballasts, lamps, emergency batteries/invertors and poles incorporated into the Product(s) are solely responsible for any costs or expenses related to any claims, repairs, or replacements associated with any such component(s). Applicable manufacturers shall be solely responsible for the costs related to any claims associated with any such third-party devices. Assistance with warranty claims for any such component(s), and/or copies of each applicable manufacturer's warranty, if available, may be obtained from an authorized Acuity post-sales or customer service representative. Distech Controls® and eldoLED® products are warranted separately and are not covered by this Limited Warranty.

Additionally, software (other than firmware), mobile apps, commissioning services, installation services, remote programming, and other professional services are excluded from this Limited Warranty. Services provided by Acuity are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Applicable third-party service providers are solely responsible for the costs related to any claims associated with any such third-party services. Access to software and mobile apps associated with the Product(s) may be subject to the terms of an End-User License Agreement or Terms and Conditions of Use ("EULA") and, if applicable, warranty terms applicable for such software and mobile apps are set forth in the applicable EULA.

This Limited Warranty applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures. Acuity will not be responsible under this Limited Warranty for any failure of the Product(s) that results from external causes such as: acts of nature, including but not limited to harmonic oscillation/winds, ice, or other related storm activity; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s);external site conditions, including but not limited to: accumulation of debris (natural or otherwise), heavy tree cover, cellular, satellite or radio interference; environmental conditions, including but not limited to: exposure to harsh, corrosive, non-condensing humidity conditions, marine or humidity conditions; vandalism; terroristic acts; fire; power failure, overheating, improper power supply, power surges or dips, and/or excessive switching; induced vibration; harmonic oscillation, or resonance associated with movement of air currents around Product(s); animal or insect activity; fault or negligence of purchaser, any end-user of the Product(s) and/or any third party not engaged by Acuity; improper or unauthorized access, use, installation, handling, storage, alteration, removal of components, testing, troubleshooting, maintenance or service; removal or interference with the tamper proof label indicating unauthorized opening of the unit; any housing, arm or gasket pierced for any reason ; failure to abide by any product classifications or certifications; failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Acuity; failure of the end-user to provide full and complete requested data; use of the Product(s) with products,

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
LED/OLED COMMERCIAL PRODUCTS
09.01.2021

processes or materials supplied by any end-user or third party; or any other occurrences beyond Acuity's reasonable control. Acuity also will not be responsible under this Limited Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect, or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, roofs, buildings, anchorages or structures, the end-user is solely responsible for the structural integrity of such existing foundations, roofs, buildings, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing (as applicable) must be kept by the end-user and provided to Acuity upon request to substantiate that the Product(s) have failed to comply with the terms of this Limited Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing or cracking, as yellowing and/or cracking may naturally occur over time due to normal aging. The Product(s) are not warranted against: cosmetic problems or defects that result from normal wear and tear under ordinary use and that do not affect the performance or use of the Product(s); nor are the Products warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design; or failures of Acuity Product(s) resulting from installation or use of aftermarket third party supplied products, components, materials, software, services, telecommunications equipment, networks or the Internet. Acuity does not warrant that the Product(s) meet the applicable project requirements for performance, legality, safety, security, suitability, or effectiveness for use in a particular application. In no event will Acuity be responsible for any loss resulting from anyapplication in which the Product(s) are used including any fines or penalties resulting from illegal use. Modifications/upgrades to Product Firmware that may be required to address changes in laws or regulations are outside the scope of this Limited Warranty. Product Firmware modifications/upgrades that result in changes to functionality to the Product are also outside the scope of this Limited Warranty.

The determination of whether any Product(s) fail to comply with the terms of this Limited Warranty shall be made by Acuity in its sole discretion, with consideration given to the overall performance of the Product(s) as compared to the expected performance per the applicable spec sheet. If the Product(s) are within the Warranty Period, Acuity has received payment in full for the Product(s), and Acuity determines to its satisfaction that the Product(s) fail to comply with the terms of this Limited Warranty, Acuity, at its option, will (a) with respect to defects in material and workmanship service, repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s), which may differ in appearance from the original or (b) with respect to non-conformances of the Product Firmware, will make available for installation a patch to be installed by the end-user within a commercially reasonable time frame to remedy the non-conformance. If the patch is not installed within a commercially reasonable time frame, the Limited Warranty will no longer apply with respect to such non-conformances. Acuity reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured Product(s) or parts in the warranty repair or replacement process. For purposes of clarity,this Limited Warranty does not include any removal, commissioning, programming, or reinstallation costs or expenses, including without limitationany labor costs, equipment or other expenses required to remove and/or reinstall original or replacement Product(s) and/or parts. This Limited Warranty extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end -user of the Product(s) at the original location. This Warranty may not be transferred or assigned by the original end-user.

The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s)to comply with the terms of this Limited Warranty and does not extend the Warranty Period. Warranty claims regarding the Product(s) must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Acuity post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Acuity, but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a "return authorization number" which can be obtained only from an authorized Acuity post-sales or customer service representative. Acuity is not responsible for any costs, expenses, or damages that may occur in connection with shipment of Product(s) to Acuity, but Acuity shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the end-user so long as Acuity has sole control over all aspects of shipment, including but not limited to Acuity shipping directly to the end-user. In no event will Acuity accept any other charges related to shipment by any other party. Replacement Product(s) and/or parts provided under the terms of this Limited Warranty are warranted for the remainder of the Warran ty Period as if such Product(s) and/or parts were the original components.

THE FOREGOING WARRANTY TERMS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND ACUITY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING DIRECTLY OR INDIRECTLY TO THE PRODUCT(S), WHETHER ORAL, WRITTEN, OR ARISING BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING ,WITHOUT LIMITATION, ANYWARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, DISTRIBUTOR OR OTHER SUPPLIER OF ACUITYPRODUCTS HAS THE AUTHORITY TO MODIFY OR AMEND THIS WARRANTYWITHOUT EXPRESS WRITTEN AUTHORIZATION FROM ACUITY.

The total liability of Acuity on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Acuity's performance or breach of this Limited

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
LED/OLED COMMERCIAL PRODUCTS
09.01.2021

Warranty, or from Acuity's sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the Warranty Period specified above. Acuity shall not be liable for damages caused by any delays involving warranty services.

IN NO EVENT SHALL ACUITY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, ARISING OUT OF THE SALE OR PERFORMANCE OF ANY PRODUCTS OR SERVICES, OR ANY BREACH OF WARRANTY OR OBLIGATIONS UNDER WARRANTY EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES,

LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, LOSS OR CORRUPTION OF DATA, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANYBREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Acuity reserves the right to modify or discontinue this Limited Warranty without notice, provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance. If there is any conflict or inconsistency between the English language version of this Limited Warranty and any version translated into any other language, the English language version shall prevail. Trademarks referenced are trademarks of Acuity Brands Lighting, Inc. and if marked with the ® symbol are registered in the U.S. and may be registered in other countries.

This Limited Warranty shall be construed and enforced in the accordance with the laws of the State of Georgia and the applicable laws of the United States.

NOTE: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations orexclusions may not apply to you.

NOTE: Acuity Brands is not a lighting specifier, and product recommendations for any lighting design project are for informational purposes only, without any warranty as to accuracy, completeness, legality for use in a particular application, or otherwise.

NOTE: The Product(s) must be returned within ten (10) days after receiving the return authorization number and the shipping box must be clearlymarked with the return authorization number. Failure to follow this procedure will delay any potential warranty resolution. Product(s) returned without a valid return authorization number will either be refused or returned to sender at sender's expense. NO PRODUCT RETURNS WILL BEACCEPTED BY ACUITY IF NOT ACCOMPANIED BY A VALID RETURN AUTHORIZATION NUMBER.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY EMERGENCY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
EMERGENCY/BATTERY
COMMERCIAL PRODUCTS
09.01.2022

Subject to the exclusions set forth below, Acuity Brands Lighting, Inc. ("Acuity") warrants its emergency fixtures/electronics and/or emergency batteries ("Product(s)") to be free from defect in material and workmanship for the respective time periods set forth in the applicable table below, from the date of shipment from Acuity's facilities (the "General Warranty"). An emergency battery ("Battery"), whether sold separately, as part of the Product(s) or as part of another Acuity product, will be considered defective only if it fails to perform for a full 90 minutes during required annual testing. The Emergency Warranty applies only when (1) Product(s) or other Acuity products containing Batteries have been continuously connected to an AC input power source, or (2) Batteries sold separately have been placed in fixtures continuously connected to an AC input power source, in each case within 90 days of the date of purchase. Incandescent lamps and fuses are not warranted.

EMERGENCY/ELECTRONICS PRODUCT TABLE

Emergency/Electronics Product	Warranty Term
LED Products not specifically shown below	5 years
Non-LED Products & Hazardous Location Signage	3 years
Self-Luminous Signage	Vandal-Resistant frame: 3 years Tritium components: 10 or 20 years, depending upon option selected
Lithonia Lighting Basics	2 years
AC System (Invertor) Multiple Circuits	1 year 2 years, if factory start up
AC System (Invertor) Single Circuit <100W 100W to 550W	 5 years 3 years

If an Emergency Fixture is determined to be defective during the applicable warranty period described in the table above, the sole and exclusive remedy shall be repair or replacement, as described in the remedy paragraph below.

BATTERY TABLE

Battery Type	Warranty Term
Lithonia Lighting Basics	2 years limited
Nickel-Cadmium AC System (Invertor) Single Circuit <100W	5 years limited
Nickel-Cadmium or Nickel-Metal Hydride	5 years pro-rated
Lithium Iron Phosphate	5 years pro-rated
Sealed, Lead-Acid – Unit Equipment	3 years pro-rated
Sealed, Lead-Acid – AC Inverters <1000W	10 years pro-rated
Central Invertors 750W or higher	1-year electronics 2-year electronics, if factory installed (not available w/750W) 10 or 20 years pro-rated, depending upon option selected

Notwithstanding any other potential remedy described herein, if a Battery is determined to be defective during the applicable warranty period, set forth in the table above, the sole and exclusive remedy shall be a discount toward the purchase of a replacement emergency battery as set forth in the applicable chart below.

3-year pro-rated Discount Schedule	
Time After Shipment	**Replacement Cost Discount**
Less than 1 year	N/A (repair or replacement only)
Greater than 1 year but less than 3 years	40% off list price at time of replacement
3 years and longer	No Discount

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY EMERGENCY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
EMERGENCY/BATTERY
COMMERCIAL PRODUCTS
09.01.2021

5-year pro-rated Discount Schedule	
Time After Shipment	**Replacement Cost Discount**
Less than 3 years	N/A (repair or replacement only)
Greater than 3 years but less than 4 years	40% off list price at time of replacement
Greater than 4 years but less than 5 years	20% off list price at time of replacement
5 years and longer	No Discount

Sealed, Lead-Acid – AC Inverters <1000W 10-year pro-rated Discount Schedule	
Time After Shipment	**Replacement Cost Discount**
Less than 3 year	N/A (repair or replacement only)
Greater than 3 years but less than 6 years	67% off list price at time of replacement
Greater than 6 years but less than 10 years	33% off list price at time of replacement
10 years and longer	No discount

Central Invertors 1000W or higher 10-year pro-rated Discount Schedule	
Time After Shipment	**Replacement Cost Discount**
Less than 1 year	N/A (repair or replacement only)
Greater than 1 year but less than 10 years	Decremented 10% per year. Replacement cost beginning at a 90% discount from the list price in effect at the time of replacement and decreasing 10% per year during this time period.
10 years or longer	No discount

Central Invertors 1000W or higher 20-year pro-rated Discount Schedule	
Time After Shipment	**Replacement Cost Discount**
Less than 1 year	N/A (repair or replacement only)
Greater than 1 year but less than 10 years	Decremented 5% per year. Replacement cost beginning at a 90% discount from the list price in effect at the time of replacement and decreasing 10% per year during this time period.
20 years or longer	No discount

Proof of Operation/Testing: Adequate records as referenced below include, but are not limited to, National Fire Protection Association (NFPA) 101–required periodic testing documentation.

This Limited Warranty only covers Product function and does not cover existing building systems and/or network performance of any Product(s) or re-programming or field adjustments of any Product(s) done by anyone that has not been authorized or certified in writing by Acuity. Acuity does not warrant the security of any Product(s). Product(s)that are identified by Acuity as requiring on-site commissioning will only be covered by this Limited Warranty if commissioned by Acuity authorized personnel. Warranty coverage shall notapply to any equipment or integration services of another manufacturer used in conjunction with Acuity Product(s) or where Acuity-authorized cables are not used. This Limited Warranty only applies to the Product(s) when sold for commercial purposes and does not apply to residential product(s) provided by Acuity, all of which are governed by separate limited warranty terms.

Except as otherwise set forth herein, ballasts, lamps, emergency batteries/invertors, vandal resistant product, poles, replaceable consumables (such as batteries), computer hardware, mobile computing devices, third party gear, commissioning systems, and components specified by others are excluded from this Limited Warranty. Ultraviolet (UV) based devices that are separable from the Product (s) are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Manufacturers of third-party ballasts, lamps, emergency batteries/invertors and poles incorporated into the Product(s) are solely responsible for any costs or expenses related to any claims,

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
EMERGENCY/BATTERY
COMMERCIAL PRODUCTS
09.01.2021

repairs, or replacements associated with any such component(s). Applicable manufacturers shall be solely responsible for the costs related to any claims associated with any such third-party devices. Assistance with warranty claims for any such component(s), and/or copies of each applicable manufacturer's warranty, if available, may be obtained from an authorized Acuity post-sales or customer service representative. Distech Controls® and eldoLED® products are warranted separately and are not covered by this Limited Warranty.

Additionally, software (other than firmware), mobile apps, commissioning services, installation services, remote programming, and other professional services are excluded from this Limited Warranty. Services provided by Acuity are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Applicable third-party service providers are solely responsible for the costs related to any claims associated with any such third-party services. Access to software and mobile apps associated with the Product(s) may be subject to the terms of an End-User License Agreement or Terms and Conditions of Use ("EULA") and, if applicable, warranty terms applicable for such software and mobile apps are set forth in the applicable EULA.

This Limited Warranty applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures. Acuity will not be responsible under this Limited Warranty for any failure of the Product(s) that results from external causes such as: acts of nature, including but not limited to harmonic oscillation/winds, ice, or other related storm activity; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s);external site conditions, including but not limited to: accumulation of debris (natural or otherwise), heavy tree cover, cellular, satellite or radio interference; environmental conditions, including but not limited to: exposure to harsh, corrosive, non-condensing humidity conditions, marine or humidity conditions; vandalism; terroristic acts; fire; power failure, overheating, improper power supply, power surges or dips, and/or excessive switching; induced vibration; harmonic oscillation, or resonance associated with movement of air currents around Product(s); animal or insect activity; fault or negligence of purchaser, any end-user of the Product(s) and/or any third party not engaged by Acuity; improper or unauthorized access, use, installation, handling, storage, alteration, removal of components, testing, troubleshooting, maintenance or service; removal or interference with the tamper proof label indicating unauthorized opening of the unit; any housing, arm or gasket pierced for any reason ; failure to abide by any product classifications or certifications; failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Acuity; failure of the end-user to provide full and complete requested data; use of the Product(s) with products, processes or materials supplied by any end-user or third party; or any other occurrences beyond Acuity's reasonable control. Acuity also will not be responsible under this Limited Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect, or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, roofs, buildings, anchorages or structures, the end-user is solely responsible for the structural integrity of such existing foundations, roofs, buildings, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing (as applicable) must be kept by the end-user and provided to Acuity upon request to substantiate that the Product(s) have failed to comply with the terms of this Limited Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing or cracking, as yellowing and/or cracking may naturally occur over time due to normal aging. The Product(s) are not warranted against: cosmetic problems or defects that result from normal wear and tear under ordinary use and that do not affect the performance or use of the Product(s); nor are the Products warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design; or failures of Acuity Product(s) resulting from installation or use of aftermarket third party supplied products, components, materials, software, services, telecommunications equipment, networks or the Internet. Acuity does not warrant that the Product(s) meet the applicable project requirements for performance, legality, safety, security, suitability, or effectiveness for use in a particular application. In no event will Acuity be responsible for any loss resulting from any application in which the Product(s) are used including any fines or penalties resulting from illegal use. Modifications/upgrades to Product Firmware that may be required to address changes in laws or regulations are outside the scope of this Limited Warranty. Product Firmware modifications/upgrades that result in changes to functionality to the Product are also outside the scope of this Limited Warranty.

The determination of whether any Product(s) fail to comply with the terms of this Limited Warranty shall be made by Acuity in its sole discretion, with consideration given to the overall performance of the Product(s) as compared to the expected performance per the applicable spec sheet. If the Product(s) are within the Warranty Period, Acuity has received payment in full for the Product(s), and Acuity determines to its satisfaction that the Product(s) fail to comply with the terms of this Limited Warranty, Acuity, at its option, will (a) with respect to defects in material and workmanship service, repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s), which may differ in appearance from the original or (b) with respect to non-conformances of the Product Firmware, will make available for installation a patch to be installed by the end-user within a commercially reasonable time frame to remedy the non-conformance. If the patch is not installed within a commercially reasonable time frame, the Limited Warranty will no longer apply with respect to such non-conformances. Acuity reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured Product(s) or parts in the warranty repair or replacement process. For purposes of clarity, this Limited Warranty does not include any removal, commissioning, programming, or reinstallation costs or expenses, including without limitation any labor costs, equipment or other expenses required to remove and/or reinstall original or replacement Product(s) and/or parts. This Limited Warranty extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end -user of the Product(s) at the original location. This

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY EMERGENCY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
EMERGENCY/BATTERY
COMMERCIAL PRODUCTS
09.01.2021

Warranty may not be transferred or assigned by the original end-user.

The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s)to comply with the terms of this Limited Warranty and does not extend the Warranty Period. Warranty claims regarding the Product(s) must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Acuity post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Acuity, but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a "return authorization number" which can be obtained only from an authorized Acuity post-sales or customer service representative. Acuity is not responsible for any costs, expenses, or damages that may occur in connection with shipment of Product(s) to Acuity, but Acuity shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the end-user so long as Acuity has sole control over all aspects of shipment, including but not limited to Acuity shipping directly to the end-user. In no event will Acuity accept any other charges related to shipment by any other party. Replacement Product(s) and/or parts provided under the terms of this Limited Warranty are warranted for the remainder of the Warran ty Period as if such Product(s) and/or parts were the original components.

THE FOREGOING WARRANTY TERMS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND ACUITY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING DIRECTLY OR INDIRECTLY TO THE PRODUCT(S), WHETHER ORAL, WRITTEN, OR ARISING BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING ,WITHOUT LIMITATION, ANYWARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, DISTRIBUTOR OR OTHER SUPPLIER OF ACUITYPRODUCTS HAS THE AUTHORITY TO MODIFY OR AMEND THIS WARRANTY WITHOUT EXPRESS WRITTEN AUTHORIZATION FROM ACUITY.

The total liability of Acuity on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Acuity's performance or breach of this Limited Warranty, or from Acuity's sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the Warranty Period specified above. Acuity shall not be liable for damages caused by any delays involving warranty services.

IN NO EVENT SHALL ACUITY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, ARISING OUT OF THE SALE OR PERFORMANCE OF ANY PRODUCTS OR SERVICES, OR ANY BREACH OF WARRANTY OR OBLIGATIONS UNDER WARRANTY EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES,

LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, LOSS OR CORRUPTION OF DATA, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANYBREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Acuity reserves the right to modify or discontinue this Limited Warranty without notice, provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance. If there is any conflict or inconsistency between the English language version of this Limited Warranty and any version translated into any other language, the English language version shall prevail. Trademarks referenced are trademarks of Acuity Brands Lighting, Inc. and if marked with the ® symbol are registered in the U.S. and may be registered in other countries.

This Limited Warranty shall be construed and enforced in the accordance with the laws of the State of Georgia and the applicable laws of the United States.

NOTE: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

NOTE: Acuity Brands is not a lighting specifier, and product recommendations for any lighting design project are for informational purposes only, without any warranty as to accuracy, completeness, legality for use in a particular application, or otherwise.

NOTE: The Product(s) must be returned within ten (10) days after receiving the return authorization number and the shipping box must be clearlymarked with the return authorization number. Failure to follow this procedure will delay any potential warranty resolution.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY EMERGENCY WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
EMERGENCY/BATTERY
COMMERCIAL PRODUCTS
09.01.2021

Product(s) returned without a valid return authorization number will either be refused or returned to sender at sender's expense. NO PRODUCT RETU RNS WILL BEACCEPTED BY ACUITY IF NOT ACCOMPANIED BY A VALID RETURN AUTHORIZATION NUMBER.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY CONTROLS WARRANTY Note:	Type

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
CONTROLS COMMERCIAL PRODUCTS
09.01.2022

Subject to the exclusions set forth below, Acuity Brands Lighting, Inc. ("Acuity") warrants its controls products to be free fromdefect in material and workmanship for the respective time periods set forth in the table below, from the date from shipment from Acuity's facilities (the "General Warranty"). If date of shipment is unavailable, the warranty period will be calculated from the date of manufacture. Acuity's controls products include wall stations, remotes, control devices, powerpacks, sensors, network communication gear, gateways, nodes, relay panels, dimming panels, and photocontrols ("Product(s)"). Acuity further warrants that, for one (1) year, the functionality of the firmware embedded in theProduct(s) ("Product Firmware") will conform in all material respects to the Product documentation available at the start of the warranty period.

CONTROLS TABLE

Brand or Family	Warranty Term
DTL® DLL, DSN, DCC, DBL, DIN	10 years
DTL® DP 1704 and 1707	8 years
All Other DTL®	6 years
Atrius™ Devices: Edge Gateway, Eclypse® A1000A, Eclypse® A100AT IOTA® nLight® nLight® AIR nLight Eclypse™ PowerSentry® Sensor Switch® Synergy™ Lighting Controls XPoint™ Wireless	5 years
Lighting Control & Design (LC&D™) ROAM® Pathway® Connectivity Solutions	3 years
Fresco™	2 years
Asset Tags All Other Acuity® Controls Product(s)	1 year

*The Warranty Term for nLight®, nLight® AIR, nLight Eclypse™, ROAM® and Fresco™ Products may be extended through the purchase of an Acuity Brands Control Service Plan. See https://www.acuitybrands.com/support/technical-support/lighting-controls-support. for more information.

This Limited Warranty only covers Product function and does not cover existing building systems and/or network performance of any Product(s) or re-programming or field adjustments of any Product(s) done by anyone that has not been authorized or certified in writing by Acuity. Acuity does not warrant the security of any Product(s). Product(s)that are identified by Acuity as requiring on-site commissioning will only be covered by this Limited Warranty if commissioned by Acuity authorized personnel. Warranty coverage shall notapply to any equipment or integration services of another manufacturer used in conjunction with Acuity Product(s) or where Acuity-authorized cables are not used. This Limited Warranty only applies to the Product(s) when sold for commercial purposes and does not apply to residential product(s) provided by Acuity, all of which are governed by separate limited warranty terms.

Except as otherwise set forth herein, ballasts, lamps, emergency batteries/invertors, vandal resistant product, poles, replaceable consumables (such as batteries), computer hardware, mobile computing devices, third party gear, commissioning systems, and components specified by others are excluded from this Limited Warranty. Ultraviolet (UV) based devices that are separable from the Product (s) are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditionsx. Manufacturers of third-party ballasts, lamps, emergency batteries/invertors and poles incorporated into the Product(s) are solely responsible for any costs or expenses related to any claims,

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
CONTROLS COMMERCIAL PRODUCTS
09.01.2022

repairs, or replacements associated with any such component(s). Applicable manufacturers shall be solely responsible for the costs related to any claims associated with any such third-party devices. Assistance with warranty claims for any such component(s), and/or copies of each applicable manufacturer's warranty, if available, may be obtained from an authorized Acuity post-sales or customer service representative. Distech Controls® and eldoLED® products are warranted separately and are not covered by this Limited Warranty.

Additionally, software (other than firmware), mobile apps, commissioning services, installation services, remote programming, and other professional services are excluded from this Limited Warranty. Services provided by Acuity are warranted separately; and the terms of such warranties are located at https://www.acuitybrands.com/support/warranty/terms-and-conditions. Applicable third-party service providers are solely responsible for the costs related to any claims associated with any such third-party services. Access to software and mobile apps associated with the Product(s) may be subject to the terms of an End-User License Agreement or Terms and Conditions of Use ("EULA") and, if applicable, warranty terms applicable for such software and mobile apps are set forth in the applicable EULA.

This Limited Warranty applies only when the Product(s) are installed in applications in which ambient temperatures are within the range of specified operating temperatures. Acuity will not be responsible under this Limited Warranty for any failure of the Product(s) that results from external causes such as: acts of nature, including but not limited to harmonic oscillation/winds, ice, or other related storm activity; physical damage; exposure to adverse or hazardous chemical or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Product(s);external site conditions, including but not limited to: accumulation of debris (natural or otherwise), heavy tree cover, cellular, satellite or radio interference; environmental conditions, including but not limited to: exposure to harsh, corrosive, non-condensing humidity conditions, marine or humidity conditions; vandalism; terroristic acts; fire; power failure, overheating, improper power supply, power surges or dips, and/or excessive switching; induced vibration; harmonic oscillation, or resonance associated with movement of air currents around Product(s); animal or insect activity; fault or negligence of purchaser, any end-user of the Product(s) and/or any third party not engaged by Acuity; improper or unauthorized access, use, installation, handling, storage, alteration, removal of components, testing, troubleshooting, maintenance or service; removal or interference with the tamper proof label indicating unauthorized opening of the unit; any housing, arm or gasket pierced for any reason ; failure to abide by any product classifications or certifications; failure to comply with any applicable standards, codes, recommendations, product specification sheets, or instructions of Acuity; failure of the end-user to provide full and complete requested data; use of the Product(s) with products, processes or materials supplied by any end-user or third party; or any other occurrences beyond Acuity's reasonable control. Acuity also will not be responsible under this Limited Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect, or maintain the finish of the Product(s). If the Product(s) are used on existing foundations, roofs, buildings, anchorages or structures, the end-user is solely responsible for the structural integrity of such existing foundations, roofs, buildings, anchorages or structures and all consequences arising from their use. Adequate records of operating history, maintenance, and/or testing (as applicable) must be kept by the end-user and provided to Acuity upon request to substantiate that the Product(s) have failed to comply with the terms of this Limited Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing or cracking, as yellowing and/or cracking may naturally occur over time due to normal aging. The Product(s) are not warranted against: cosmetic problems or defects that result from normal wear and tear under ordinary use and that do not affect the performance or use of the Product(s); nor are the Products warranted against costs that may be incurred in connection with changes or modifications to the Product(s) required to accommodate site conditions and/or faulty building construction or design; or failures of Acuity Product(s) resulting from installation or use of aftermarket third party supplied products, components, materials, software, services, telecommunications equipment, networks or the Internet. Acuity does not warrant that the Product(s) meet the applicable project requirements for performance, legality, safety, security, suitability, or effectiveness for use in a particular application. In no event will Acuity be responsible for any loss resulting from anyapplication in which the Product(s) are used including any fines or penalties resulting from illegal use. Modifications/upgrades to Product Firmware that may be required to address changes in laws or regulations are outside the scope of this Limited Warranty. Product Firmware modifications/upgrades that result in changes to functionality to the Product are also outside the scope of this Limited Warranty.

The determination of whether any Product(s) fail to comply with the terms of this Limited Warranty shall be made by Acuity in its sole discretion, with consideration given to the overall performance of the Product(s) as compared to the expected performance per the applicable spec sheet. If the Product(s) are within the Warranty Period, Acuity has received payment in full for the Product(s), and Acuity determines to its satisfaction that the Product(s) fail to comply with the terms of this Limited Warranty, Acuity, at its option, will (a) with respect to defects in material and workmanship service, repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s), which may differ in appearance from the original or (b) with respect to non-conformances of the Product Firmware, will make available for installation a patch to be installed by the end-user within a commercially reasonable time frame to remedy the non-conformance. If the patch is not installed within a commercially reasonable time frame, the Limited Warranty will no longer apply with respect to such non-conformances. Acuity reserves the right to utilize new, reconditioned, refurbished, repaired, or remanufactured Product(s) or parts in the warranty repair or replacement process. For purposes of clarity,this Limited Warranty does not include any removal, commissioning, programming, or reinstallation costs or expenses, including without limitation any labor costs, equipment or other expenses required to remove and/or reinstall original or replacement Product(s) and/or parts. This Limited Warranty

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
CONTROLS COMMERCIAL PRODUCTS
09.01.2022

extends only to the Product(s) as delivered to, and is for the sole and exclusive benefit of, the original end -user of the Product(s) at the original location. This Warranty may not be transferred or assigned by the original end-user.

The repair or replacement of any Product(s) or component part within the Product(s) is the sole and exclusive remedy for failure of the Product(s)to comply with the terms of this Limited Warranty and does not extend the Warranty Period. Warranty claims regarding the Product(s) must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Acuity post-sales or customer service representative. Product(s) or component part(s) may be required to be returned for inspection and verification of non-conformance by Acuity, but no Product(s) or component part(s) will be accepted for inspection, verification or return unless accompanied by a “return authorization number” which can be obtained only from an authorized Acuity post-sales or customer service representative. Acuity is not responsible for any costs, expenses, or damages that may occur in connection with shipment of Product(s) to Acuity, but Acuity shall bear all cost and expense incurred in connection with shipment of replacement Product(s) to the end-user so long as Acuity has sole control over all aspects of shipment, including but not limited to Acuity shipping directly to the end-user. In no event will Acuity accept any other charges related to shipment by any other party. Replacement Product(s) and/or parts provided under the terms of this Limited Warranty are warranted for the remainder of the Warran ty Period as if such Product(s) and/or parts were the original components.

THE FOREGOING WARRANTY TERMS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, AND ACUITY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING DIRECTLY OR INDIRECTLY TO THE PRODUCT(S), WHETHER ORAL, WRITTEN, OR ARISING BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING ,WITHOUT LIMITATION, ANYWARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, DISTRIBUTOR OR OTHER SUPPLIER OF ACUITYPRODUCTS HAS THE AUTHORITY TO MODIFY OR AMEND THIS WARRANTY WITHOUT EXPRESS WRITTEN AUTHORIZATION FROM ACUITY.

The total liability of Acuity on any and all claims of any kind, whether in contract, warranty, tort (including negligence), strict liability or otherwise, arising out of or in connection with, or resulting from, Acuity’s performance or breach of this Limited Warranty, or from Acuity’s sale, delivery, resale, repair, or replacement of any Product(s) or the furnishing of any services, shall in no event exceed the purchase price allocable to the Product(s) that give rise to the claim, and any and all such liability shall terminate upon the expiration of the Warranty Period specified above. Acuity shall not be liable for damages caused by any delays involving warranty services.

IN NO EVENT SHALL ACUITY BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES, ARISING OUT OF THE SALE OR PERFORMANCE OF ANY PRODUCTS OR SERVICES, OR ANY BREACH OF WARRANTY OR OBLIGATIONS UNDER WARRANTY EVEN IF INFORMED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER AS THE RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY, OR ANY OTHER THEORY, INCLUDING WITHOUT LIMITATION LABOR OR EQUIPMENT REQUIRED TO REMOVE AND/OR REINSTALL ORIGINAL OR REPLACEMENT PARTS, LOSS OF TIME, PROFITS OR REVENUES,

LACK OR LOSS OF PRODUCTIVITY, INTEREST CHARGES OR COST OF CAPITAL, COST OF SUBSTITUTE EQUIPMENT, SYSTEMS, SERVICES OR DOWNTIME COSTS, LOSS OR CORRUPTION OF DATA, DAMAGE TO OR LOSS OF USE OF PROPERTY OR EQUIPMENT OR ANY INCONVENIENCE ARISING OUT OF ANYBREACH OF THE FOREGOING WARRANTY OR OBLIGATIONS UNDER SUCH WARRANTY.

Acuity reserves the right to modify or discontinue this Limited Warranty without notice, provided that any such modification or discontinuance will only be effective with respect to any Product(s) purchased after such modification or discontinuance. If there is any conflict or inconsistency between the English language version of this Limited Warranty and any version translated into any other language, the English language version shall prevail. Trademarks referenced are trademarks of Acuity Brands Lighting, Inc. and if marked with the ® symbol are registered in the U.S. and may be registered in other countries.

This Limited Warranty shall be construed and enforced in the accordance with the laws of the State of Georgia and the applicable laws of the United States.

NOTE: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

NOTE: Acuity Brands is not a lighting specifier, and product recommendations for any lighting design project are for informational purposes only, without any warranty as to accuracy, completeness, legality for use in a particular application, or otherwise.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: ACUITY CONTROLS WARRANTY Note:	Type

AcuityBrands.

STATEMENT OF LIMITED WARRANTY
FOR ACUITY BRANDS LIGHTING, INC
CONTROLS COMMERCIAL PRODUCTS
09.01.2022

NOTE: The Product(s) must be returned within ten (10) days after receiving the return authorization number and the shipping box must be clearlymarked with the return authorization number. Failure to follow this procedure will delay any potential warranty resolution. Product(s) returned without a valid return authorization number will either be refused or returned to sender at sender's expense. NO PRODUCT RETURNS WILL BE ACCEPTED BY ACUITY IF NOT ACCOMPANIED BY A VALID RETURN AUTHORIZATION NUMBER.

LEA LIGHTING & ELECTRICAL ASSOCIATES	Project 24-40020-0 Date 4/8/2024 VFW - Houma Submitted By LTG AND ELEC ASSOC OF NRLNS	Catalog Number: EELP WARRANTY Note:	Type

EELP WARRANTY

Life Safety
Any component of our Life Safety line that fails due to a manufacturing defect, will be replaced within 5 years of the invoice date. Replacement will be for the failed component or a new unit at EELP's discretion. All defective units are subject to manufacture testing. Should any failed unit be found defective from misuse, improper installation, or faulty wiring, no credit will be issued. Under no circumstance, will EELP be responsible for back charges of any kind, including, without limitation, labor charges, equipment rental fees or late penalties unless prior written approval has been given. To activate the warranty, the product must be installed in a timely manner and maintained properly. The batteries must be placed in service and fully charged within 90 days of invoice date. Damaged products must be reported to EELP, in writing, within 10 days of the invoice date.

PS Series Inverters
EELP shall warranty all inverter systems against defects in materials and workmanship for 3 year. The battery warranty will be covered for 5 years 100% and 7 years pro-rated. The warranty shall cover all parts for 3 year. To activate the warranty, the product must be installed in a timely manner and maintained properly. The batteries must be placed in service and fully charged within 90 days of invoice date

All Other Inverters
EELP shall warranty all inverter systems against defects in materials and workmanship for 1 year. The battery warranty will be covered for 2 years 100% and 7 years pro-rated. The warranty shall cover all parts for 1 year. With optional start-up provided by an EELP authorized technician, on-site warranty shall be covered for one year. Maintenance contract packages and extended warranties are also be available.T o activate the warranty, the product must be installed in a timely manner and maintained properly. The batteries must be placed in service and fully charged within 90 days of invoice date