



**POCATELLO/CHUBBUCK SCHOOL DISTRICT 25**  
**LEARNING TODAY FOR THE POSSIBILITIES OF TOMORROW**

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**Administration Office  
3115 Pole Line Road  
Pocatello, Idaho**

**SPECIFICATIONS FOR**

**2024 LIGHTING REPLACEMENT AT:**

**Project #1  
Tyhee Elementary School  
12743 W Tyhee Dr  
Chubbuck, ID  
Replacement of all lighting**

**Project #2  
Chubbuck Elementary School  
600 W Chastain Dr  
Chubbuck, ID  
Replacement of all lighting**

**BIDS WITH CONDITIONS WILL NOT BE ACCEPTED**

**BID OPENING**

**April 8, 2024  
10:30 AM**



**POCATELLO/CHUBBUCK SCHOOL DISTRICT 25**  
**LEARNING TODAY FOR THE POSSIBILITIES OF TOMORROW**

**POCATELLO/CHUBBUCK SCHOOL DISTRICT NO. 25**  
**INVITATION TO BID**

Sealed bids will be received by the Pocatello/Chubbuck School District 25 Business Office, Bannock County, Idaho at 3115 Pole Line Road, Pocatello, Idaho, 83201 until **10:30 AM, MST on April 8, 2024** for the following:

**2024 Light Replacement – Tyhee Elementary & Chubbuck Elementary**

A mandatory pre-bid conference and walk-thru to review the projects will be held at the District Maintenance Shop, 185 E Maple, Pocatello, Idaho, on **April 2, 2024 at 10:30 AM.**

Specifications and additional details, (including bid forms), may be secured at the Business Office, 3115 Pole Line Road, Pocatello, Idaho, 83201 and on the District website at:

<https://www.sd25.us/departments/business-office>

All bids must be on the forms furnished, all blank spaces filled in, and signed with the name and address of the Bidder. No unqualified bids will be read. All bids shall be in a sealed envelope and clearly marked: **Tyhee and Chubbuck Elementary Lighting Replacement;** to be opened at 10:30 AM, MST on April 8, 2024.

Each bid shall be accompanied by a certified check, cashier’s check, or a bidder’s bond, (executed by a qualified surety company with the power to do business in the State of Idaho) in the sum of not less than five percent (5%) of the total bid, made payable to Pocatello/Chubbuck School District No. 25, Bannock County, Pocatello, Idaho. This surety shall be forfeited by the bidder in the event of failure to enter into a contract. Personal or company checks will not be accepted. Compliance with Idaho Public Works Law is required.

The Board of Trustees reserves the right to reject any or all bids or to waive any informalities, or to accept the bid or bids deemed best for School District No. 25, Bannock County, Pocatello, Idaho.

Rena Johnson, Clerk  
Pocatello/Chubbuck School District No. 25

Publish dates:

March 13, 2024  
March 20, 2024

IDAHO STATE JOURNAL

## INSTRUCTIONS TO BIDDERS

### VENDOR RESPONSIBILITY:

Sealed bids will be received on or before the time and date set forth under "Invitation to Bid".

The owner reserves the right to accept or reject any part or all bids.

Bidders submitting a bid on this work will be required to figure and furnish everything as called for by these specifications and the requirements of the bid proposal sheet.

All bids shall be in a sealed envelope addressed: Business Office, 3115 Pole Line Road, Pocatello, Idaho, 83201. The following shall be written on the exterior of the envelope:

"BID FOR TYHEE AND CHUBBUCK ELEMENTARY LIGHTING REPLACEMENT  
TO BE OPENED ON April 8, 2024 at 10:30 AM"

Bids not delivered by contractors at time of bid opening must be received in mail no later than 4:00 PM on April 7, 2024, the day before the bid opening.

### EXAMINATION OF THE SITE AND DOCUMENTS:

Refer all questions to Jacob Jordan, Energy Manager, (208) 233-2604. Contact with other district staff, Board of Trustees, or Administration, will be by written permission only.

A **mandatory pre-bid conference** and walk-thru to review the projects will be held at 10:30 AM, MST on April 2, 2024 at the District Maintenance Shop, 185 E Maple, Pocatello, Idaho.

Before submitting a proposal, the bidder shall:

1. Carefully examine the specifications.
2. Visit the worksite.
3. Be fully informed of existing conditions and limitations.
4. Include in the bid, sums sufficient to cover all items required by the contract, and shall rely entirely upon his own examinations in making his proposal.

### INTERPRETATIONS:

Should a bidder find discrepancies in or omissions from the specifications, or be in doubt as to their meaning, he should at once notify the Owner, who will send written instructions or addenda to all bidders. The owner will not be responsible for oral interpretations. Questions received less than 48 hours before time for bid opening cannot be answered. All addenda issued during the time of bidding will be incorporated in the contract.

**BID GUARANTEE:**

As a guarantee that, if awarded the contract, the bidder will execute same and furnish bond. Each bid will be accompanied by a Certified check, Cashier's Check, or Bid Bond for not less than five percent (5%) of the base bid payable to the Owner. NO PERSONAL OR COMPANY CHECKS WILL BE ACCEPTED.

**OBJECTIONS:**

Written objections to specifications or bid procedures must be received by the clerk, secretary, or other authorized official of the District at least one (1) business day before the date and time upon which bids are scheduled to be received, per Idaho Code Section 68-2806(c).

**LAWS AND ORDINANCES:**

The contractor hereby binds himself to protect and save harmless the owner from all damages arising from the violation of any and all Federal, State, County, City, and all other laws, rules, regulations, in the performance of the terms of the contract.

**HOLD HARMLESS AGREEMENTS:**

The District expects your work to conform to professional standards. The contractor is expected to hold the District harmless for all damages or claims arising out of the work performed by the contractor. The District will not agree to hold the contractor harmless for damages or claims.

**EQUIPMENT:**

The contractor shall provide all labor, materials, tools, and equipment, etc. necessary for the complete and substantial execution of everything described in the specifications.

**STORAGE OF MATERIALS:**

The contractor shall make arrangement and coordinate with the Maintenance Department for storage of materials. Any damages of life or property caused by storage of materials on the above indicated place shall be paid for by the contractor, who shall hold the owner harmless for any damages concerning the same.

**SUPERVISION:**

The supervision of this work will be done by Pocatello/Chubbuck School District #25 Maintenance Department.

**EVIDENCE OF QUALIFICATIONS:**

Upon request of the owner, a bidder whose bid is under consideration for award of the contract shall submit, promptly, satisfactory evidence of his financial resources, his experiences, and the organization and equipment he has available for performance of the contract.

**EMPLOYMENT OF RESIDENTS OF IDAHO:**

In compliance with Idaho Laws, Section 44-1001 and 44-1002 Idaho Code, the contractor must employ ninety-five percent 95% bona fide Idaho residents as employees on any such contracts except where under such contracts fifty (50) or less persons are employed the contractor may employ ten percent (10%) nonresidents, provided however, in all cases such employers must give preference to the employment of bona fide Idaho residents in the performance of such work.

**CONTRACTOR'S LICENSE:**

In compliance with Idaho Laws, the contractor must be registered with the State of Idaho, and hold the required Public Works Contractor's License before obtaining the contract documents and before submitting a bid for this work.

**INSURANCE:**

All contractors who provide goods or services to the District are required to provide the District with certificates of insurance for General Liability, Auto Liability, Workers Compensation, and Professional Liability if applicable.

The General Liability and/or Professional Liability certificate must name the District as an additional insured under the contractor's policy. Certificates are to be provided to the District prior to any work commencing on District property. This would include the placement of any equipment or materials at the work site

**Minimum Insurance Limits**

General Liability	\$1,000,000 per occurrence \$1,000,000 products and completed operations \$1,000,000 annual aggregate
Auto Liability	\$1,000,000 per occurrence
Worker' Compensation	Statutory
Professional Liability	\$1,000,000 per occurrence \$1,000,000 annual aggregate

**OWNER/CONTRACTOR AGREEMENT:**

The Agreement for the work will be written on a District provided Form of Agreement between Owner and Contractor where the basis of payment is a stipulated sum.

**PERFORMANCE BOND:**

The successful bidder will be required to furnish a 100% performance bond when entering into the contract work, per Idaho Code Section 54-1926, "...conditioned upon the faithful performance of the contract in accordance with the plans, specifications and conditions thereof."

**PAYMENT BOND:**

The successful bidder will be required to furnish a 100% payment bond when entering into the contract work, per Idaho Code Section 54-1926, "solely for the protection of persons supplying labor or materials, or renting, leasing, or otherwise supplying equipment to the contractor or his subcontractors in the prosecution of the work provided for in such contract."

**5% RETAINAGE:**

The Owner will retain 5% of the Contractor's earned sum to ensure faithful performance. This 5% will be released to the Contractor upon receipt of approval from State of Idaho.

**LIQUIDATED DAMAGES:**

Contractor shall be required to pay Owner as liquidated damages the sum of \$500 for each day, after the scheduled completion date, that the project is unfinished.

**CHANGES IN THE WORK:**

The owner, without invalidating the contract, may order extra work or make changes by altering, adding to, or deducting from the work; the contract sum being adjusted accordingly. All such work shall be executed under the conditions of the original contract, except that any claim for extension of the time caused thereby shall be adjusted at the time of ordering such change.

The total allowance for combined overhead and profit for changes shall be included in the total cost to the owner and shall be based on the following schedule:

- a) For the Contractor, 10% over cost;
- b) For the Sub-Contractor, 15% over cost to be divided 10% for Sub-Contractor and 5% for Contractor; and
- c) For any Sub-Subcontractor, 15% over cost to be divided 5% for Contractor, 5% for Sub-Contractor, and 5% for Sub-Subcontractor.

**FORM WH5:**

Per Idaho Code Section 54-1904A, within thirty (30) days of award of bid, the contractor shall file with the State Tax Commission a form WH-5, Public Works Contract Report.

**INSPECTION OF WORK:**

The representative of the owner shall at all times have access to the work wherever it is in preparation or progress and the contractor shall provide facilities for such access and for inspection.

**WARRANTY:**

Manufacturer shall warrant products under normal use and service to be free from defects in materials and workmanship for a period of one year from date of delivery.

Warranty shall cover repair or replacement of such parts determined defective upon inspection. Warranty does not cover any product or part of a product subject to accident, negligence, alteration, abuse or misuse. Warranty does not cover any accessories or parts not supplied by the manufacturer.

Warranty shall not cover any labor expended or materials used to repair any equipment without manufacturer's prior written authorization. -

**CLEAN UP:**

The contractor shall at all times keep the premises free from accumulations of waste material or rubbish caused by his employees or work, and at the completion of the work he shall remove all his rubbish from and about the building and all tools and surplus materials and shall leave his work clean. In case of dispute, the owner shall remove the rubbish and surplus materials and charge the cost to the contractor.

**IDAHO EMPLOYER ALCOHOL AND DRUG-FREE WORKPLACE ACT:** Include with your bid sheet a contractor's affidavit pursuant to Idaho Code Section 72-1717.

**BIDDER CERTIFICATION FORM:** All bidders must complete and submit the Bidder Certification Form included with this bid request.

**PAYMENT:**

Prices must remain firm as quoted by supplier until quantity awarded is received. Application for payment dated on or before the 25th of the month, shall be paid by the 15th of the following month. Application for payment dated after the 25th of the month, shall be paid within 30 days.

Delivery may be accepted any time, however, payment for the 2024-2025 fiscal year cannot be made until after July 1, 2024 when those funds have been released.

**BID:**

The following universal specifications are being used as a guideline. Alternate bids for equal equipment will be considered upon District approval two weeks prior to the bid due date. Substitutions or major alternations must be indicated upon the proposal sheet at the time of the bid submission. Bids must be based upon conditions at the site and these specifications. Bids shall be submitted in accordance with the requirements shown on the bid form.

**BID EVALUATION CRITERIA:**

Contractor selection on this project will be evaluated based on the following:

- 1) Price
- 2) Contractor reputation for quality of work with current customers or past performance with District 25. (please list all jobs/contracts greater than \$10,000 performed in the past two years if contractor has not performed one for the District in past 5 years)
- 3) Vendor ability to best match the listed criteria as specified.

**DELIVERY AND START OF WORK:**

The time frame for the lighting replacement to be completed is between June 3, 2024 and August 2, 2024.

**REQUIREMENT FOR REPLACEMENT OF LIGHT FIXTURES AT TYHEE AND CHUBBUCK ELEMENTARY:**

**TYHEE AND CHUBBUCK ELEMENTARY SCHOOLS** - This work is to replace all interior and exterior light fixtures.

- A. Removal and disposal of all existing fixtures.
- B. Installation of approved fixtures as outlined in fixture inventory replacement sheet.
- C. Removal of existing switches and plates and installation of new control switches as per manufactures recommendations in specified areas.
- D. Cost for all permits and inspections
- E. All abandoned wiring associated with this project is to be removed and recycled.
- F. Contractor will be responsible for building cleaning associated with this project.
- G. Pocatello/Chubbuck School District #25 will install necessary suspended ceiling t-rails and tiles to accommodate new classroom and office fixtures.

**GENERAL NOTES THAT APPLY TO ALL OF THE ABOVE BID ITEMS:**

1. Contractor will submit equipment, materials and/or design submittals to the District for approval prior to ordering equipment.
2. New installation shall meet all Federal, state and local code requirements. The contractor will be



responsible for obtaining any required permits and/or jurisdictional approvals. The contractor is responsible for providing any and all drawings and specifications that are required by governmental agencies. The contractor will be required to provide proof of final approval from all governmental agencies having jurisdiction over this work once the installation is complete.

3. Contractor is responsible for verifying existing electrical loads and notifying the District if electrical service modifications might be required. The Contractor is responsible for making all electrical connections necessary unless directed differently in individual item descriptions.
4. The Contractor is responsible for providing any changes or modifications required to the building (drywall, painting, roofing, insulation, etc.) so as to provide a complete, finished product.
5. Contractor will provide industry standard warrantee for this application.
6. Contractor will provide operation and maintenance training of O&M personnel once the installation is complete. Completed operation & maintenance manuals are to be turned into the District Maintenance Department.

**Project #1 (Tyhee Elementary)**

Room #	Existing Fixture	New Fixtures	New Fixture Type	Controls
1	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
2	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
3	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
4	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
5	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
6	22	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
7	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
8	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
9	19	19	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
10	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
11	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
12	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
13	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
14	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
15	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
16	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
17	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
18	28	28	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
19	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
20	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
21	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
22	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
23	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
24	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
25	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2

26	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
27	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
28	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
29	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
30	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
31	18	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
32	2	1	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
33	2	1	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
34	2	1	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
35	4	2	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Common Area South	8	6	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Common Area North	8	6	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Foyer	4	4	T-LED	RPODBA 2S DX WH G2
Main Office	8	4	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Office 1	2	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Office 2	2	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Principles Office	3	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Counselor Hall	4	4	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
North Foyer	8	8	T-LED	RPODBA 2S DX WH G2
Lounge	9	6	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Fan Room 1	1	1	FML4W 48 ALO6 SEF 840 MVOLT	RPODBA 2S DX WH G2
Fan Room 2	1	1	FML4W 48 ALO6 SEF 840 MVOLT	RPODBA 2S DX WH G2
Fan Room 3	1	1	FML4W 48 ALO6 SEF 840 MVOLT	RPODBA 2S DX WH G2
Gym	1	1	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Kitchen	21	12	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Kitchen Storage	1	1	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Kitchen storage 2	2	1	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Pantry	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A

Custodial Office	2	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Hall Storage	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
N Boys RR	3	2	FML4W 48 ALO6 SEF 840 MVOLT	N/A
N Girls RR	3	2	FML4W 48 ALO6 SEF 840 MVOLT	N/A
S Boys RR	3	2	FML4W 48 ALO6 SEF 840 MVOLT	N/A
S Girls RR	3	2	FML4W 48 ALO6 SEF 840 MVOLT	N/A
E Boys RR	5	3	FML4W 48 ALO6 SEF 840 MVOLT	N/A
E Girls RR	5	3	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Staff RR	2	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Staff RR 2	2	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Media Center Offices	8	6	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Stage	4	2	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	
Parking Lot	4	4	DSX2 LED P1 40K 70CRI T2M MVOLT SPA NLTAIR2 PIRHN DWHXD	N/A
Exterior Wall Packs	12	12	TWPX2LED	N/A
Exterior Eve Fixtures	7	7	CNY LED ALO SWW2 UVOLT PE PIR DDB M2 Trim ring to cover old fixture - CNYBCP DDB	N/A

Project #2 (Chubbuck Elementary)

Room #	Existing Fixture	New Fixtures	New Fixture Type	Controls
Lounge	6	3	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
6	2	1	FML4W 48 ALO6 SEF 840 MVOLT	RPODBA 2S DX WH G2
7	12	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	3	3	T-LED	RPODBA 2S DX WH G2
8	12	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
10	4	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
11	12	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
12	16	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
13	4	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
14	12	7	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
15	16	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
16/19	6	4	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
17	12	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
18	16	8	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
20	13	7	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
21	15	7	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Round	1	1	T-LED	RPODBA 2S DX WH G2
22	3	2	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
23	7	3	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
24	9	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2

Round	3	3	T-LED	RPODBA 2S DX WH G2
25	11	6	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
26	4	2	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
27	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
28	2	2	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
29	2	2	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
32	20	20	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
33	21	21	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
34	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
35	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
36	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
37	24	24	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
38	18	18	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
39	16	16	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
East Foyer	6	3	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
E Boys RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
E Girls RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
South Foyer	6	3	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
S Boys RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
S Girls RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
East Foyer	6	3	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
E Boys RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
E Girls RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
North Foyer	8	4	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
N Boys RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
N Girls RR	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Gym	23	23	EPANL 2X4 6800LM 80CRI 40K MIN10 ZT MVOLT	RPODBA 2S DX WH G2
Gym Storage 1	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Gym Storage	3	2	FML4W 48 ALO6 SEF 840 MVOLT	N/A

Gym Office	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Hallways	16	16	EPANL 2X2 4000LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7	RPODBA 2S DX WH G2
Kitchen	13	7	BLWP4 40L ADP GZ1 LP840 NLTAIR2 RES7	RPODBA 2S DX WH G2
Media Center	30	21	EPANL 2X4 4800LM 80CRI 40K MIN1 MVOLT NLTAIR2 RES7 DGA24 for fixtures going in sheetrock	RPODBA 2S DX WH G2
Custodial Office	1	1	FML4W 48 ALO6 SEF 840 MVOLT	N/A
Exterior Wall Packs	2	2	TWPX2LED	N/A
Exterior Eve Fixtures	12	16	CNY LED ALO SWW2 UVOLT PE PIR DDB M2 Trim ring to cover old fixture - CNYBCP DDB	N/A





CONTRACTOR'S AFFIDAVIT  
CONCERNING ALCOHOL AND DRUG-FREE WORKPLACE

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

Pursuant to the Idaho Code, Section 72-1717, I, the undersigned, being duly sworn, depose and certify that named contractor is in compliance with the provisions of Idaho Code section 72-1717; that named contractor provides a drug-free workplace program that complies with the provisions of Idaho Code, title 72, chapter 17 and will maintain such program throughout the life of a state construction contract and that named contractor shall subcontract work only to subcontractors meeting the requirements of Idaho Code, section 72-1717(1)(a).

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Address

\_\_\_\_\_  
City and State

By: \_\_\_\_\_  
(Signature)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

Commission expires:

\_\_\_\_\_  
NOTARY PUBLIC, residing at  
\_\_\_\_\_  
\_\_\_\_\_

**BIDDER CERTIFICATION FORM**

1. **Debarment and Suspension** – In submitting this bid proposal, we hereby certify that we have not been suspended or in any way excluded from Federal procurement actions by any Federal Agency. We fully understand that if information contrary to this certification subsequently becomes available, such evidence may be grounds for non-award or nullification of a bid contract.
2. **Anti-Collusion** – In submitting this bid proposal, we hereby certify this proposal was developed and prepared without any collusion with any competing bidder or District employee. The content of this proposal has not been disclosed to any competing or potentially competing bidder prior to the proposal due date and time. Furthermore, no action to persuade any person, partnership or corporation to submit or withhold a bid has been made.
3. **Anti-Lobbying** – In submitting this bid proposal, we hereby certify that to the best of our knowledge and belief, no appropriated Federal funds have been paid or will be paid by or on behalf of person associated with this proposal to any person for influencing or attempting to influence and officer or employee of any agency, a member of Congress, an office or employee of Congress or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement.
4. **National Sexual Offender Registry** – In submitting this bid proposal, you certify to the District that your company will prohibit any persons in your employ who are registered or required to register under the Idaho Sex Offender Registration Act from participation in company business with the District if such participation would require them to be present on school property. You certify further that you have cross checked such employees against the National Sex Offender Registry found at the following web link: <http://www.nsopr.gov/>

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Name & Title: \_\_\_\_\_

Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

**DIGITAL NAVIGATION**

[Ordering Tree](#) [nLight Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#)

**FEATURES & SPECIFICATIONS**

**INTENDED USE** — The BLWP LED Wrap/ Wall bracket expands the BLT family with the features and aesthetics of the popular BLT and BLTR center basket design with a clean, versatile style and volumetric distribution. High efficacy LED light engines deliver energy savings and low maintenance compared to traditional sources. An extensive selection of configurations and options make the BLWP the perfect choice for many lighting applications including schools, offices, stairwells and other commercial spaces. With multiple mounting options, easy installation, and controls configurations, the BLWP is an excellent choice for renovation and new construction.

**CONSTRUCTION** — BLWP enclosure components are die-formed for dimensional consistency. For 2' and 4' product, hinged door frame allows easy access to electrical components and mounting locations without having to remove additional parts. For 8' product, suspension aircraft cables allow easy access to electrical components and mounting locations without having to remove additional parts. Available in three paint finishes: white (pre-paint), painted after fabrication white, and natural aluminum. Diffusers are extruded from impact modified acrylic for increased durability. Optional polycarbonate lens available for additional impact resistance, as well as Tamper Proof screws.

**OPTICS** — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions and vertical and horizontal work surfaces – rendering the interior space, objects and occupants in a more balanced, complimentary luminous environment. High performance extruded acrylic diffusers conceal LEDs and efficiently deliver light in a volumetric distribution. Five diffuser choices available - curved and square designs with ribbed, a smooth frosted finish, and a smooth polycarbonate finish.

**ELECTRICAL** — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000). Replaces 2 lamp fluorescent.

Configurable BLWP: Available in High Efficiency (HE) versions for applications where a lower wattage (over the standard product) is required. The High Efficiency versions deliver >130 LPW and can be specified via the Lumen Package designations in the Ordering Information on page 2.

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Optional integrated nLight® controls make each luminaire addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Connection to nLight is simple. It can be accomplished with integrated nLight AIR wireless or through standard Cat-5 cabling. nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission, while nLight AIR is commissioned easily through an intuitive mobile app.

Lumen Management: Unique lumen management system (option N80) provides on board intelligence that actively manages the LED light source so that constant lumen output is maintained over the system life, preventing the energy waste created by the traditional practice of over-lighting.

Driver disconnect provided where required to comply with US and Canadian codes.

**CONTROLS** — **Integrated sensor (individual control):** Sensor Switch MSD7ADXC (Passive infrared (PIR)) or MSDPDT7ADXC (PIR/Microphonics Dual Tech (PDT) and Photocell (ADXC)) integrated occupancy sensor/automatic dimming photocell allows the luminaire to power off when the space is unoccupied or enough ambient light is entering the space.

**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 an Eclipse, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. See page 5 for the nLight sensor options.

**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 dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for simple sensor adjustment. See page 5 for more details on the Integrated Smart Sensor.

**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 X for more details on the integrated wireless sensor.

**INSTALLATION** — Intended for surface or suspend mounting. For row mounting and quick mounting to junction boxes see accessories section. Suitable for damp location.

**LISTINGS** — CSA Certified to meet U.S. and Canadian standards.

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](http://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](http://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](http://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.

Catalog Number
Notes
Type

**Low Profile LED Wraparound**

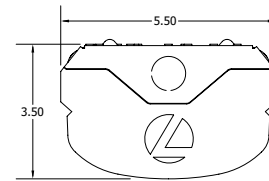
**BLWP**

**2', 4' and 8' Lengths**

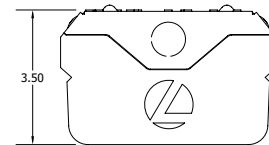


*Specifications*

**2' Dimensions**  
 Length: 24 (60.96)  
 Width: 5.50 (13.97)  
 Depth: 3.50 (8.89)



**4' Dimensions**  
 Length: 48 (121.92)  
 Width: 5.50 (13.97)  
 Depth: 3.50 (8.89)



**8' Dimensions**  
 Length: 96 (243.84)  
 Width: 5.50 (13.97)  
 Depth: 3.50 (8.89)

All dimensions are inches (centimeters) unless otherwise specified.

**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\*
- 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](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# BLWP Low Profile LED Wraparound



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

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

Example: BLWP4 40L ADP GZ10 LP840

Series	Lumens ‡	Lens/Diffuser	Voltage	Driver	Color Temperature	
BLWP2 2' LED Wraparound	Standard Efficiency (>100 LPW)	High Efficiency ‡ (>130 LPW)	(blank) MVOLT 120 120V 277 277V 347 347V ‡	EZ1 eLdoLED dims to 1% (0-10v dimming) GZ1 Generic dims to 1% (0-10v dimming) ‡ GZ10 Generic dims to 10% (0-10v dimming) ‡ SLD Step-level dimming ‡	LP830 82CRI, 3000K LP835 82CRI, 3500K LP840 82CRI, 4000K LP850 82CRI, 5000K LP930 90CRI, 3000K LP935 90CRI, 3500K LP940 90CRI, 4000K LP950 90CRI, 5000K	
	8L 800 Lumens	8LHE 800 Lumens				ADP Curved, ribbed
	20L 2000 Lumens	20LHE 2000 Lumens				ADSM Curved, smooth
	33L 3300 Lumens	33LHE 3300 Lumens				SDP Square, ribbed
	40L 4000 Lumens	40LHE 4000 Lumens				SDSM Square, smooth
	48L 4800 Lumens	48LHE 4800 Lumens				PDSM Curved, smooth polycarbonate ‡
						<b>Diffusers w/ trim rings</b>
						ADPT Curved, ribbed
BLWP4 4' LED Wraparound	15L 1500 Lumens	15LHE 1500 Lumens	ADSMT Curved, smooth			
	20L 2000 Lumens	20LHE 2000 Lumens	SDPT Square, ribbed			
	30L 3000 Lumens	30LHE 3000 Lumens	SDSMT Square, smooth			
	40L 4000 Lumens	40LHE 4000 Lumens	PDSMT Curved, smooth polycarbonate ‡			
	48L 4800 Lumens	48LHE 4800 Lumens				
	60L 6000 Lumens	60LHE 6000 Lumens				
	72L 7200 Lumens	72LHE 7200 Lumens				
	85L 8500 Lumens	85LHE 8500 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
BLWP8 8' LED Wraparound	40L 4000 Lumens	40LHE 4000 Lumens				
	60L 6000 Lumens	60LHE 6000 Lumens				
	80L 8000 Lumens	80LHE 8000 Lumens				
	100L 10000 Lumens	100LHE 10000 Lumens				
	140L 14000 Lumens	140LHE 14000 Lumens				
	180L 18000 Lumens	180LHE 18000 Lumens				
	200L 20000 Lumens	200LHE 20000 Lumens				

nLight Interface ‡	Control ‡	Individual Control
<b>nLight Wired</b> (blank) no nLight® interface	<b>nLight Wired</b> (blank) no nLight control	
N80 nLight with 80% lumen management	NES7 nLight™ nES 7 PIR integral occupancy sensor ‡	MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ‡
N80EMG nLight with 80% lumen management. For use with generator supply EM power ‡	NESPDT7 nLight™ nES PDT 7 dual technology integral occupancy control ‡	MSDPDT7ADCX PDT integral occupancy sensor with with automatic dimming control photocell ‡
N100 nLight without lumen management	NES7ADCX nLight™ nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ‡	JOT Wireless room control with "Just One Touch" pairing ‡
N100EMG nLight without lumen management. For use with generator supply EM power ‡	NESPDT7ADCX nLight™ nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ‡	JOTVTX15 Wireless occupancy sensor with "Just One Touch" pairing ‡
<b>nLight Wireless</b> (blank) no nLight® interface	<b>nLight Wireless</b> (blank) no nLight control	
NLTAIR2 nLight AIR Generation 2 enabled ‡	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 ‡	
	RIO nLight AIR radio module without sensor ‡	
	RES7EM nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ‡	
	RES7PDTEM nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell & UL924 Emergency Operation, via power interrupt detection ‡	
	RIOEM nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ‡	

Standby mode ‡	Options	Finish
(blank) Fixture with embedded sensor turns off when unoccupied	E10WLCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS	(blank) Standard pre-paint white
DIM10 Fixture with embedded sensor dims to approximately 10% light output when unoccupied ‡	EL7L 700 nominal lumens battery pack ‡	PAF Paint After Fabrication White
DIM50 Fixture with embedded sensor dims to approximately 50% light output when unoccupied ‡	EL14L 1400 nominal lumens battery pack ‡	DNA Paint After Fabrication Natural Aluminum
NOC Occupancy sensor disabled ‡	BGTD Bodine Generator Transfer Device ‡	
	QMB Quick Mount Bracket ‡	
	TRS Tamper Resistant Screw ‡	
	GLR Fast-blowing fuse ‡	
	GMF Slow-blowing fuse ‡	
	FAO Field Adjustable Output ‡	
	PLR1G Plug-in wiring, see page 10 for ordering information ‡	
	PLR2ABG	
	PLR2ANG	
	PLR1LVG Plug-in wiring, low voltage dimming ‡	
	BAA Buy America(n) Act Compliant	
	BDP Factory Installed Ballast Disconnect Plug	

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

See Accessories and footnotes on page 4.

# BLWP Low Profile LED Wraparound

‡ Option Value Ordering Restrictions	
Option value	Restriction
347	Not available with E10WLCP, EL7L, EL14L, BGTD or BLWP4 > 85L/ 85LHE.
BLWP8CR, BLWP8CRDNA, BLWP8CR, BLWP8CRDNA	Cannot be used to continuous row mount 4' fixtures with 8' fixtures. 2' fixtures cannot be continuous row mounted.
BGTD	Not available with JOT sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options. Example: BGTD BSE10.
DIM10, DIM50	Not available with NLTAIR2 or JOT sensor option. Requires occupancy control. Must be ordered with nLight Wired or Individual Control sensor option.
EL7L, EL14L	Only available on BLWP8, 8ft length version of this fixture, in lumen packages 140L or less.
FAO	EZ1 driver required. Not available with BAA or lumen packages > 6000LM. FAO is not available with other integrated controls options and restricts the use of external dimming controls. See chart on page 5 for additional details.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
GZ1, GZ10	Not available with any Control or Sensor options except JOT & JOTVTX15
JOT, JOTVTX15	Not available with SLD, NLIGHT, NLTAIR2, NOC, BAA or FAO. Available only on 4' versions with PDSM, PDSMT, ADPT and ADMST trim options; not available with <60L or 60LHE lumen packages.
Lumens	Approximate lumen output. For high efficiency, all versions may not achieve 130+ LPW including 90CRI and versions with integral sensor trim. Refer to photometry on www.acuitybrands.com. See QPL for latest DLC listings.
MSD7ADCX, MSPDPT7ADCX	Must select Lens/Diffuser type with Trim Rings. Not available with nLight interface. 0-10V wires are not accessible via access plate.
N80EMG, N100EMG	Requires a connection to existing nLight network. Power is provided from a separate NLIGHT enabled fixture or external power pack.
NES7, NESPDT7, NES7ADCX, NESPDT7ADCX	Must select Lens/Diffuser type with Trim Rings. Requires N80, N80EMG, N100, or N100EMG. Only available with EZ1 driver.
NLTAIR2	Must select nLight wireless control. Not available with JOT or JOTVTX15
NOC	Not available with JOT sensor options. Can only be ordered in conjunction with EZ1, NLTAIR2, RES7/RES7PDT. Occupancy sensor disabled at factory but can be re-enabled upon commissioning.
PDSM, PDSMT	Not available with HE (high efficiency) performance package on BLWP2 and BLWP4 only.
PLR1G, PLR2ABG, PLR2ANG, PLR1LVG	Not available with BLWP2. PLR1LVG is not available with Controls options or nLight interface. Not available with emergency options.
QMB	Not available with BLWP2 (2') or BLWP8 (8') fixture.
RES7EM, RES7PDTM, RIOEM	Must select Lens/Diffuser type with Trim Rings. Requires EZ1 and NLTAIR2 to be specified. Only available with 60L or lower lumen packages on the BLWP4. Only available with 100LHE/80L lumen packages or lower on the BLWP8.
RES7, RES7PDT, RIO	See UL924 Sequence of Operation chart on bottom of page 3. Must select Lens/Diffuser type with Trim Rings. Requires EZ1 and NLTAIR2 to be specified. Only available with 60L or lower lumen packages on the BLWP4. Only available with 100LHE/80L lumen packages or lower on the BLWP8.
SLD	Not available with any nLight Interface or Control options. Cannot be used with PLR1LVG. Not available for lumen packages 72L and higher.
TRS	Accessory BLWP TRS T15 BIT available to be ordered with this option. See Accessories section page 4. Order as separate item.

## Non-Configurable BLWP:

MTO	Gi code	Catalog Description	UPC	Lumens	Wattage	LPW	Color Temperature	Voltage	Pallet QTY
MTO	*264V2M	BLWP2 20L ADP LP835	191848282045	1942	17	117	3500 K	120-277	80
	*264V2L	BLWP2 20L ADP LP840	191848282038	1973	17	119	4000 K	120-277	80
	*264CH0	BLWP2 33L ADP LP835	191848080825	3332	30	112	3500 K	120-277	80
	*264CH1	BLWP2 33L ADP LP840	191848080832	3345	30	112	4000 K	120-277	80
	*264CH2	BLWP2 40L ADP LP835	191848080849	3923	37	105	3500 K	120-277	80
	*264CH4	BLWP2 40L ADP LP840	191848080856	4117	37	110	4000 K	120-277	80
	*264V2K	BLWP4 30L ADP LP835	191848282021	3065	25	123	3500 K	120-277	70
	*264V2H	BLWP4 30L ADP LP840	191848281994	3114	25	125	4000 K	120-277	70
	*264CH5	BLWP4 40L ADP LP835	191848080863	4391	35	127	3500 K	120-277	70
	*264CH6	BLWP4 40L ADP LP840	191848080870	4263	35	123	4000 K	120-277	70
	*264CH7	BLWP4 48L ADP LP835	191848080900	5137	40	129	3500 K	120-277	70
	*264CH8	BLWP4 48L ADP LP840	191848080917	5205	40	131	4000 K	120-277	70

UL924 Sequence of Operation
The below information applies to all nLight AIR devices with an EM option.
<ul style="list-style-type: none"> <li>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.</li> <li>Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.</li> <li>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.</li> </ul>

# BLWP Low Profile LED Wraparound

Accessories: Order as separate catalog number.				
PART number	CI CODE	QTY	Description	Application
BLWP8/4CR	*272PFG	1	CONTINUOUS ROW MOUNT BRACKET FOR ROW CONNECTING BLWP4 and BLWP8 WHT	FOR USE TO MOUNT BLWP8 TO BLWP4, FOR STD FINISH AND PAF
BLWPCR	*250A0S	1	CONTINUOUS ROW MOUNT BRACKET WHT	FOR USE ON BLWP4 ONLY, FOR STD FINISH AND PAF ‡
BLWPCRDNA	*250A1S	1	CONTINUOUS ROW MOUNT BRACKET DNA	FOR USE ON BLWP4 ONLY, FOR DNA FINISH ‡
BLWP8CR	*2543C6	1	CONTINUOUS ROW MOUNT BRACKET WHT	FOR USE ON BLWP8 ONLY, FOR STD FINISH AND PAF ‡
BLWP8CRDNA	*2543CA	1	CONTINUOUS ROW MOUNT BRACKET DNA	FOR USE ON BLWP8 ONLY, FOR DNA FINISH ‡
BLWPCG36 F1	*264R3P	1	BLWPCG36 F1	ADJUSTABLE AIRCRAFT CABLE GRIPPER KIT, 36 INCH F1 CEILING TYPE
BLWPCG36 F2	*264R4G	1	BLWPCG36 F2	CABLE GRIPPER KIT, 36 INCH F2 CEILING TYPE
BLWPCG72 F1	*264R4H	1	BLWPCG72 F1	CABLE GRIPPER KIT, 72 INCH F1 CEILING TYPE
BLWPCG72 F2	*264R4M	1	BLWPCG72 F2	CABLE GRIPPER KIT, 72 INCH F2 CEILING TYPE
BLWPCGF36 F1	*264R4R	1	BLWPCGF36 F1	KIT WITH POWER FEED 36 INCH F1 CEILING TYPE
BLWPCGF36 F2	*264R4U	1	BLWPCGF36 F2	KIT WITH POWER FEED 36 INCH F2 CEILING TYPE
BLWPCGF72 F1	*264R4V	1	BLWPCGF72 F1	KIT WITH POWER FEED 72 INCH F1 CEILING TYPE
BLWPCGF72 F2	*264R4X	1	BLWPCGF72 F2	KIT WITH POWER FEED 72 INCH F2 CEILING TYPE
BLWPCGE36 F1	*264R50	1	BLWPCGE36 F1	KIT WITH EMERGENCY POWER FEED 36 INCH F1 CEILING TYPE
BLWPCGE36 F2	*264R5T	1	BLWPCGE36 F2	KIT WITH EMERGENCY POWER FEED 36 INCH F2 CEILING TYPE
BLWPCGE72 F1	*264R5V	1	BLWPCGE72 F1	KIT WITH EMERGENCY POWER FEED 72 INCH F1 CEILING TYPE
BLWPCGE72 F2	*264R53	1	BLWPCGE72 F2	KIT WITH EMERGENCY POWER FEED 72 INCH F2 CEILING TYPE
BLWPCGFD36 F1	*269V4M	1	BLWPCGFD36 F1	KIT WITH 0-10V DIMMING POWER FEED 36 INCH F1 CEILING TYPE
BLWPCGFD36 F2	*269V5C	1	BLWPCGFD36 F2	KIT WITH 0-10V DIMMING POWER FEED 36 INCH F2 CEILING TYPE
BLWPCGFD72 F1	*269V5N	1	BLWPCGFD72 F1	KIT WITH 0-10V DIMMING POWER FEED 72 INCH F1 CEILING TYPE
BLWPCGFD72 F2	*269V5X	1	BLWPCGFD72 F2	KIT WITH 0-10V DIMMING POWER FEED 72 INCH F2 CEILING TYPE
BLWP TRS T15 BIT	*2516KU	1	BLWP TRS T15 BIT	T15 WITH PIN, TORX BIT FOR TRS OPTION
BLWPQMB	*250A2S	1	BLWP Quick Mount Bracket	QUICK MOUNT BRACKET FOR INSTALLATION TO JUNCTION BOXES WITHOUT HAVING TO REMOVE ANY PARTS IN THE FIXTURE, 4FT FIXTURE ONLY.
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	
1B			Hanger spaces fixtures 1½" to 2½" from ceiling. Standard pack: J2, J20, J100	
SQ_			Complete assembly with stem up to 48" Specify stem length in 2" increments and adjust as needed. 5/8" O.D. stem. Swivels 30° from vertical in any direction. Example: SQ24	

nLight® Wired Control Accessories: Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlight">www.acuitybrands.com/products/controls/nlight</a> .			
<b>WallPod stations</b>	<b>Model number</b>	<b>Occupancy sensors</b>	<b>Model number</b>
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
<b>Photocell controls</b>	<b>Model number</b>	<b>Cat-5 cable (plenum rated)</b>	<b>Model number</b>
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

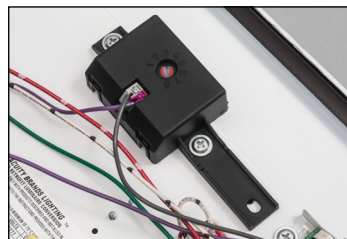
nLight® AIR Control Accessories: Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlightair">www.acuitybrands.com/products/controls/nlightair</a> .	
<b>Wall switches</b>	<b>Model number</b>
On/Off single pole	rPODB [color] G2
On/Off two pole	rPODB 2P [color] G2
On/Off & raise/lower single pole	rPODB DX [color] G2
On/Off & raise/lower two pole	rPODB 2P DX [color] G2
On/Off & raise/lower single pole	rPODBZ DX WH G2

# BLWP Low Profile LED Wraparound

Replacement Parts: Order as separate catalog number.					
2' Version Replacement Lens		4' Version Replacement Lens		8' Version Replacement Lens	
*264F5E	DBLWP24 ADP	*264F69	DBLWP48 ADP	*2543CE	DBLWP96 ADP
*264F5F	DBLWP24 SDP	*264F6E	DBLWP48 SDP	*2543CG	DBLWP96 SDP
*264F5H	DBLWP24 ADSM	*264F6F	DBLWP48 ADSM	*2543CJ	DBLWP96 ADSM
*264F5J	DBLWP24 SDSM	*264F6G	DBLWP48 SDSM	*2543CM	DBLWP96 SDSM
*264F5L	DBLWP24 ADPT	*264F6H	DBLWP48 ADPT	*2543CN	DBLWP96 ADPT
*264F5P	DBLWP24 SDPT	*264F6K	DBLWP48 SDPT	*2543CP	DBLWP96 SDPT
*264F5U	DBLWP24 ADSMT	*264F6L	DBLWP48 ADSMT	*2543CR	DBLWP96 ADSMT
*264F5W	DBLWP24 SDSMT	*264F6N	DBLWP48 SDSMT	*2543CS	DBLWP96 SDSMT
*264F66	DBLWP24 PDSM	*264F6W	DBLWP48 PDSM	*2543CW	DBLWP96 PDSM
*264F67	DBLWP24 PDSMT	*264F6X	DBLWP48 PDSMT	*2543CX	DBLWP96 PDSMT

## FAO SETTINGS (Field Adjustable Output)

	0-10 Voltage Dimmer	% Lumen Output (approximate)	% Wattage (approximate)
Step 8	Full Output	100%	100%
Step 7	9.0 VDC	98%	100%
Step 6	8.0 VDC	88%	86%
Step 5	7.0 VDC	86%	82%
Step 4	6.0 VDC	82%	80%
Step 3	5.0 VDC	76%	75%
Step 2	4.0 VDC	71%	72%
Step 1	3.0 VDC	67%	71%



Simple adjustment of output through the use of a flat head screwdriver.

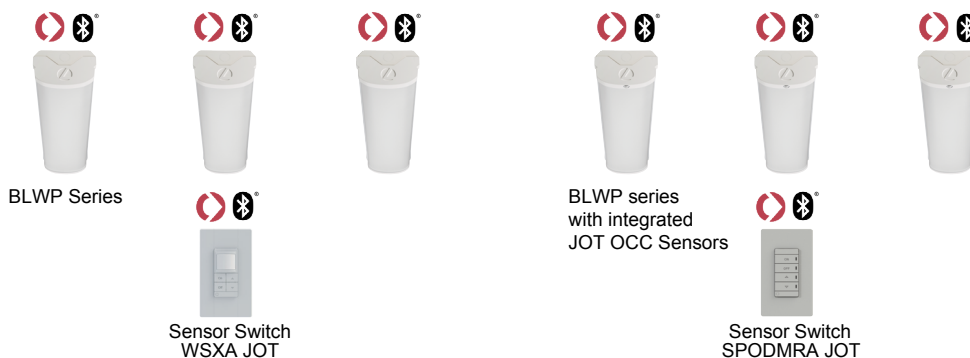
## JOT Wireless



### 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.



# BLWP Low Profile LED Wraparound

## 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



### 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 CLAIRITY+ app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



## nLight Wired Networking



### Simple as 1,2,3

1. Install the nLight® Wired fixtures with embedded 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)





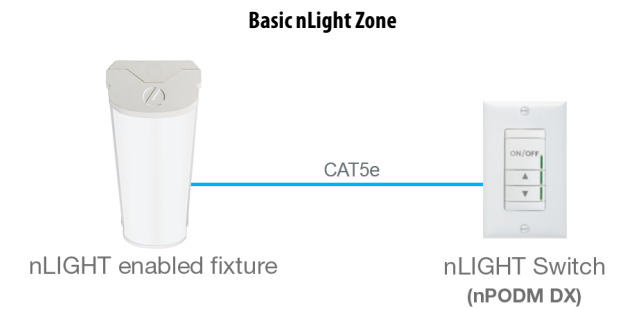
# BLWP Low Profile LED Wraparound

Sensor Options					
Option	Automatic Dimming Photocell	Occupancy Sensing		nLight Wired Networking	nLight AIR Networking
		PIR	PDT		
MSD7ADCX	X	X			
MSDPDT7ADCX	X		X		
NES7		X		X	
NES7ADCX	X	X		X	
NESPD7			X	X	
NESPD7ADCX	X		X	X	
RES7	X	X			X
RES7PDT	X	X	X		X

## Integrated Sensor with Individual Control

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

The MSDPDT7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.

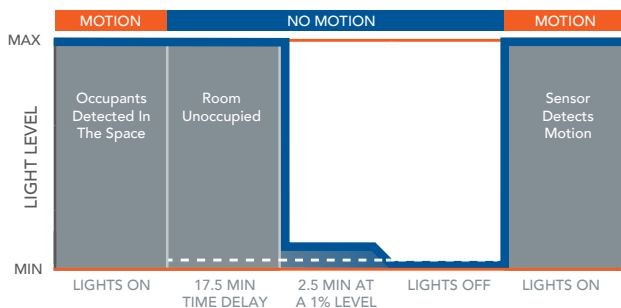


## nLight Wired Networking

The nES 7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the NES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

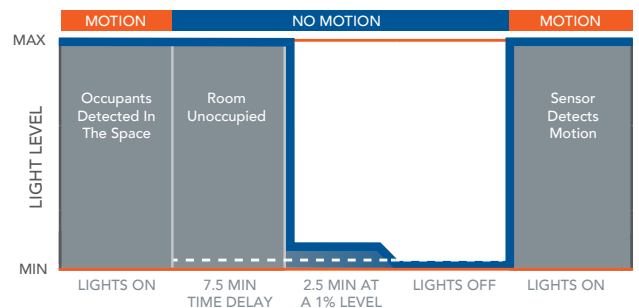
For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PDT 7 dual technology sensor is recommended. The nES PDT 7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the NESPD7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

## Sequence of Operation



\*The presetting on the automatic dimming photocell is 5fc.

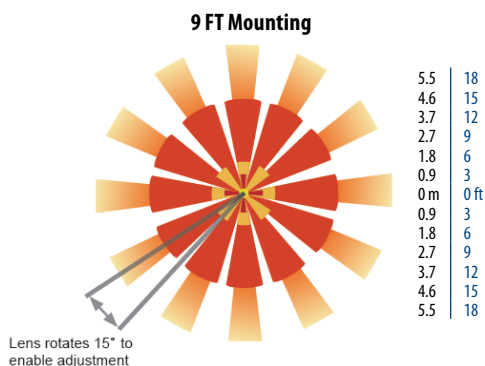
## Sequence of Operation



\*The presetting on the automatic dimming photocell is 5f.

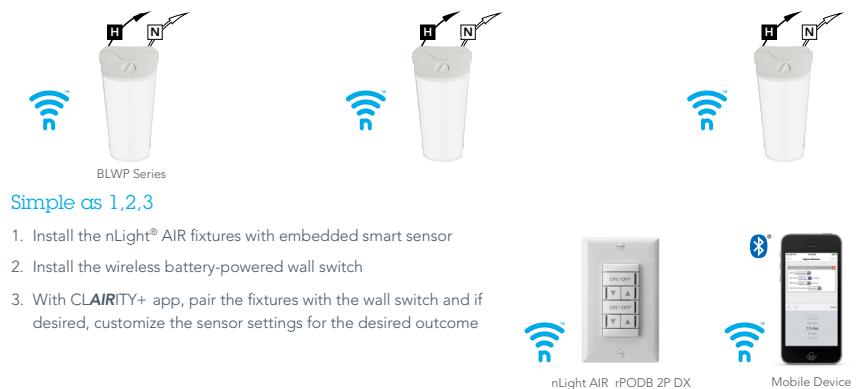
## Sensor Coverage Pattern Mini 360° Lens

- 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



## nLight AIR Wireless

nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and costly. nLight AIR is available with or without an integral sensor. The integrated rES 7 or rES7 PDT smart sensor is 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.



## 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 CLAIRITY+ app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

## MOUNTING INFORMATION

For unit or row installation; surface or suspend mounting.

### Suspension Methods:

#### Aircraft Cable Suspension

Order one BLWPCG\_, BLWPCGF\_, or BLWPCGE\_ required for each suspension point.  
 F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.  
 F2 for use with recessed or surface-mount horizontal J-box applications.  
 See Accessories page on page 4 for part numbers configurations.



#### Stem Suspension

Individual installation — Two single-stem hangers required.

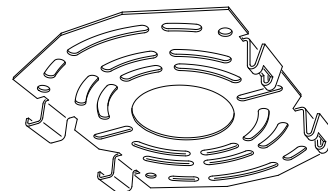


Note: 2' configurations with emergency option cannot be stem mounted.

### Accessory Images

#### (QMB) Quick Mount Bracket

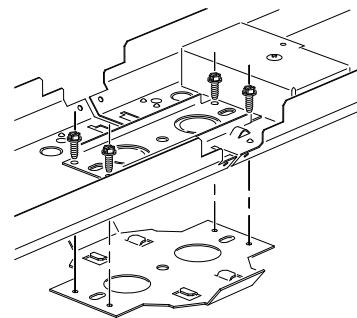
Quick Mount Bracket allows easy installation to junction boxes without having to remove any parts in the fixture.



Note: 2' and 8' configurations not available with QMB accessory.

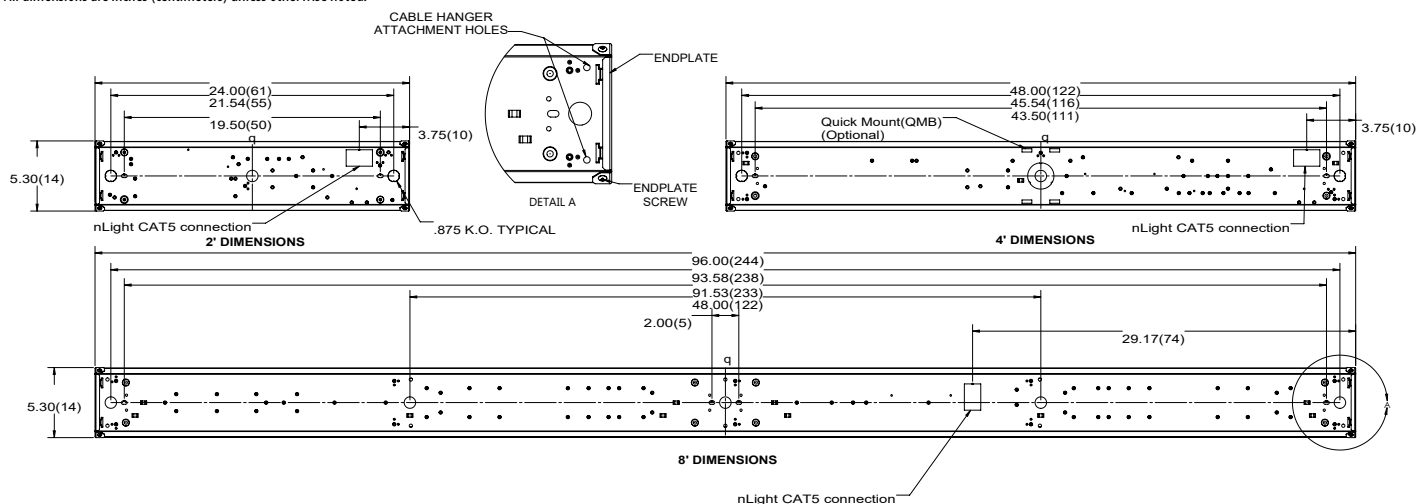
#### BLWPCR - continuous row mount bracket

Order one (1) BLWPCR bracket per fixture for continuous row applications (excluding BLWP as they cannot be row mounted). Order one hanger (Aircraft Cable Suspension Kit or Stem Suspension Kit) per fixture plus one per joiner required.



## DIMENSIONS

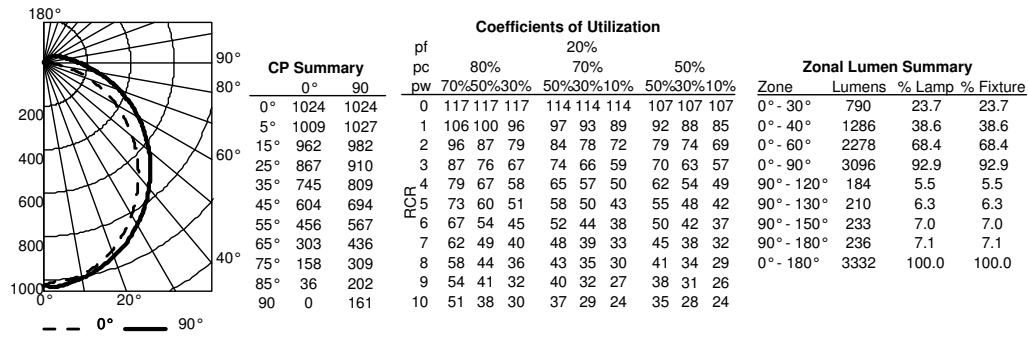
All dimensions are inches (centimeters) unless otherwise noted.



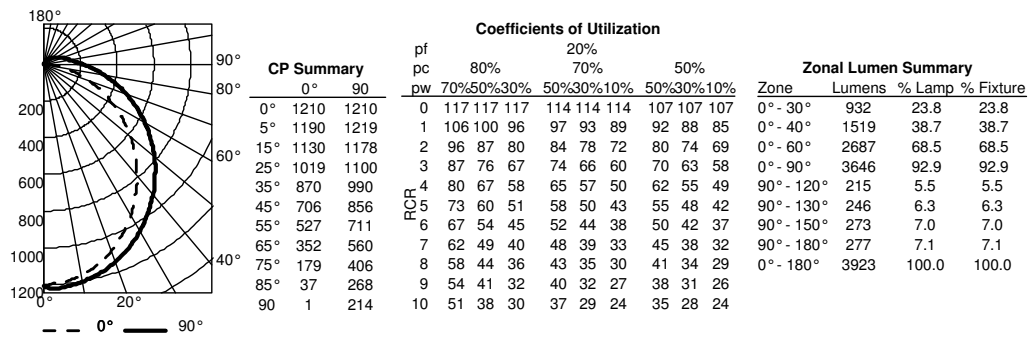
# BLWP Low Profile LED Wraparound

## PHOTOMETRICS

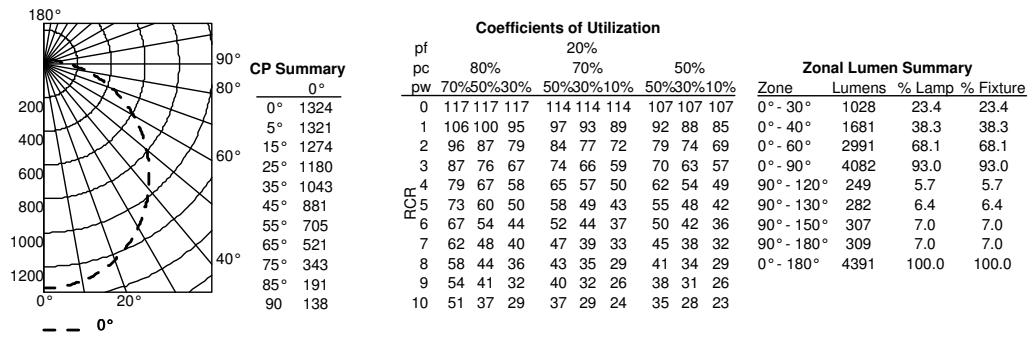
**BLWP2 33L ADP LP835**, 3332 delivered lumens, test no. ISF 37666, tested in accordance to IESNA LM-79.



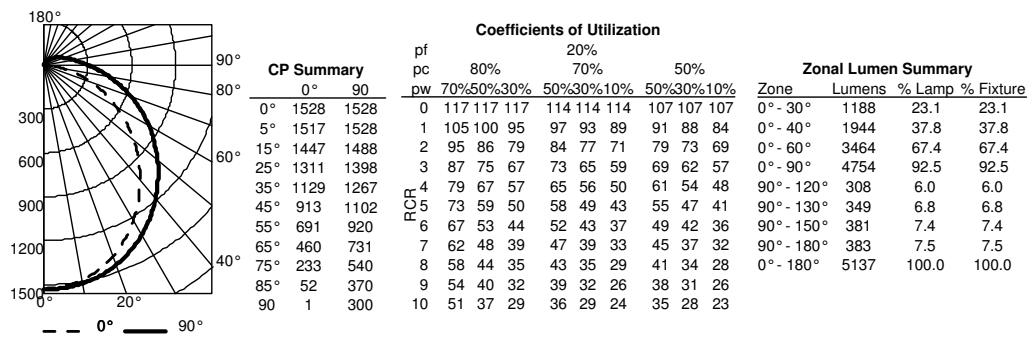
**BLWP2 40L ADP LP835**, 3923 delivered lumens, test no. ISF 37668, tested in accordance to IESNA LM-79.



**BLWP4 40L ADP LP835**, 4391 delivered lumens, test no. ISF 37596, tested in accordance to IESNA LM-79.



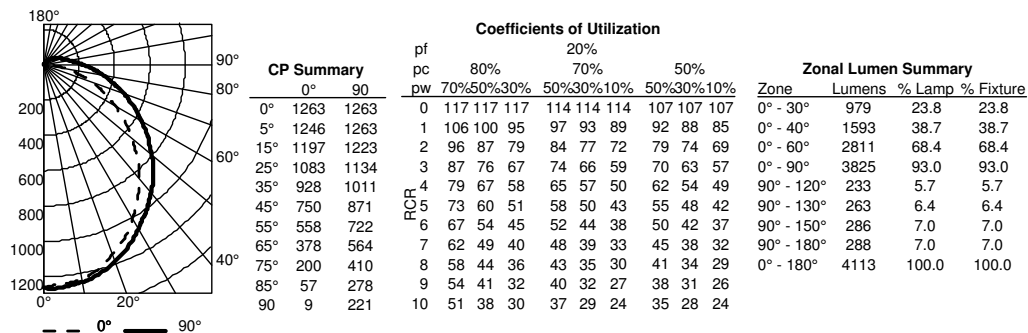
**BLWP4 48L ADP LP835**, 5137 delivered lumens, test no. ISF 37597, tested in accordance to IESNA LM-79.



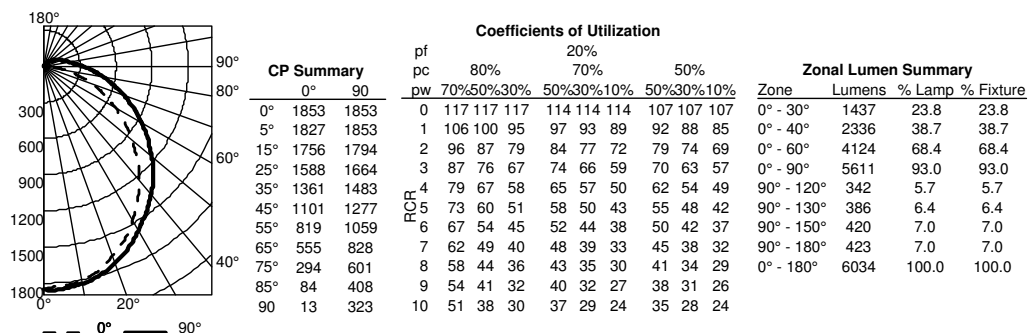
# BLWP Low Profile LED Wraparound

## PHOTOMETRICS

BLWP8 40L ADP LP835, 4113 delivered lumens, test no. ISF 37290P226.



BLWP8 60L ADP LP835, 6033 delivered lumens, test no. ISF 37290P386.



## PRODUCT INFORMATION

Advanced plug-in system with three-circuit capability. Reduces fixture types on job for alternating circuit applications.

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.

Note: Specifications subject to change without notice.



# PLR

Wiring

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 (PLR2A / PLR2B Only)	Dimming	Ground
PLR22	(blank) Not required for PLR22	(blank) Not required for PLR22	(blank) No Dimming	G Ground (required)
PLR	1 Black	(blank) Not required for PLR1	(blank) No Dimming	G Ground (required)
	2 Black and red	<b>Circuits to which driver is connected</b> (blank) Not required for PLR22 A Black wire B Red wire	<b>Battery charging circuit (must be unswitched)</b> (blank) No battery charging circuit ELA Battery pack wired to black wire ELB Battery pack wired to red wire	LV Low-voltage Dimming G Ground (required)

### Typical Applications

#### Notes:

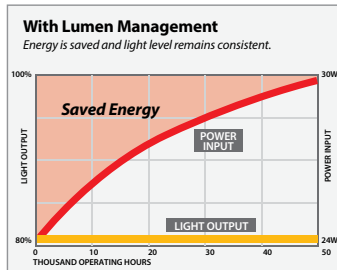
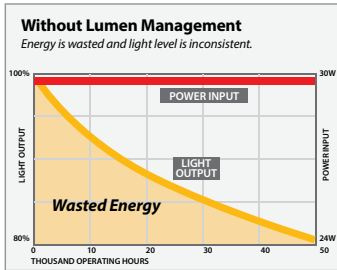
When specifying PLR1, you will not specify A or B as there is only a single hot wire which would be black in color.

- 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

# BLWP Low Profile LED Wraparound

## Constant Lumen Management

Enabled by the embedded nLight control, the BLT actively tracks its run-time and manages its light source such that constant lumen output is maintained over the system life. Referred to as lumen management, this feature eliminates the energy waste created by the traditional practice of over-lighting.



### How to Estimate Lumens in Emergency Mode

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

$$\text{Estimated Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

## BLWP PERFORMANCE DATA <sup>24</sup>

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8L ADP LP830	825	7	118
BLWP2 8L ADP LP835	855	7	122
BLWP2 8L ADP LP840	868	7	124
BLWP2 8L ADP LP850	893	7	128
BLWP2 20L ADP LP830	1876	17	110
BLWP2 20L ADP LP835	1942	17	114
BLWP2 20L ADP LP840	1973	17	116
BLWP2 20L ADP LP850	2029	17	119
BLWP2 33L ADP LP830	3180	30	107
BLWP2 33L ADP LP835	3332	30	112
BLWP2 33L ADP LP840	3345	30	112
BLWP2 33L ADP LP850	3440	30	115
BLWP2 40L ADP LP830	3914	37	105
BLWP2 40L ADP LP835	3923	37	105
BLWP2 40L ADP LP840	4117	37	110
BLWP2 40L ADP LP850	4234	37	113
BLWP2 48L ADP LP830	4772	44	109
BLWP2 48L ADP LP835	4940	44	112
BLWP2 48L ADP LP840	5019	44	114
BLWP2 48L ADP LP850	5162	44	118
BLWP4 15L ADP LP830	1372	11	126
BLWP4 15L ADP LP835	1420	11	129
BLWP4 15L ADP LP840	1443	11	131
BLWP4 15L ADP LP850	1484	11	135
BLWP4 20L ADP LP830	1985	16	124
BLWP4 20L ADP LP835	2055	16	128
BLWP4 20L ADP LP840	2088	16	131
BLWP4 20L ADP LP850	2147	16	134
BLWP4 30L ADP LP830	2960	25	118
BLWP4 30L ADP LP835	3065	25	123
BLWP4 30L ADP LP840	3114	25	125
BLWP4 30L ADP LP850	3203	25	128
BLWP4 40L ADP LP830	4027	35	115
BLWP4 40L ADP LP835	4391	35	125
BLWP4 40L ADP LP840	4236	35	121
BLWP4 40L ADP LP850	4357	35	124
BLWP4 48L ADP LP830	4948	40	124
BLWP4 48L ADP LP835	5137	40	129
BLWP4 48L ADP LP840	5205	40	131
BLWP4 48L ADP LP850	5353	40	134
BLWP4 60L ADP LP830	6059	49	123
BLWP4 60L ADP LP835	6273	49	127
BLWP4 60L ADP LP840	6373	49	129
BLWP4 60L ADP LP850	6555	49	133
BLWP4 72L ADP LP830	7088	59	121
BLWP4 72L ADP LP835	7338	59	125
BLWP4 72L ADP LP840	7455	59	127
BLWP4 72L ADP LP850	7668	59	131
BLWP4 85L ADP LP830	7972	68	117
BLWP4 85L ADP LP835	8253	68	121
BLWP4 85L ADP LP840	8385	68	123
BLWP4 85L ADP LP850	8624	68	127
BLWP4 100L ADP LP830	9316	85	110
BLWP4 100L ADP LP835	9645	85	114
BLWP4 100L ADP LP840	9799	85	116
BLWP4 100L ADP LP850	10079	85	119

**BLWP PERFORMANCE DATA** (continued)

Lumen Package	Lumens	Input Watts	LPW
BLWP2 8LHE ADP LP830	851	8	106
BLWP2 8LHE ADP LP835	881	8	110
BLWP2 8LHE ADP LP840	895	8	112
BLWP2 8LHE ADP LP850	921	8	115
BLWP2 20LHE ADP LP830	1932	16	120
BLWP2 20LHE ADP LP835	2000	16	125
BLWP2 20LHE ADP LP840	2032	16	127
BLWP2 20LHE ADP LP850	2090	16	130
BLWP2 33LHE ADP LP830	3272	26	127
BLWP2 33LHE ADP LP835	3388	26	131
BLWP2 33LHE ADP LP840	3442	26	133
BLWP2 33LHE ADP LP850	3540	26	137
BLWP2 40LHE ADP LP830	3991	32	126
BLWP2 40LHE ADP LP835	4132	32	130
BLWP2 40LHE ADP LP840	4198	32	131
BLWP2 40LHE ADP LP850	4318	32	136
BLWP2 48LHE ADP LP830	4881	39	126
BLWP2 48LHE ADP LP835	5053	39	130
BLWP2 48LHE ADP LP840	5134	39	132
BLWP2 48LHE ADP LP850	5280	39	136
BLWP4 15LHE ADP LP830	1375	11	125
BLWP4 15LHE ADP LP835	1424	11	129
BLWP4 15LHE ADP LP840	1447	11	132
BLWP4 15LHE ADP LP850	1488	11	135
BLWP4 20LHE ADP LP830	1985	16	124
BLWP4 20LHE ADP LP835	2055	16	128
BLWP4 20LHE ADP LP840	2088	16	131
BLWP4 20LHE ADP LP850	2147	16	134
BLWP4 30LHE ADP LP830	3012	24	126
BLWP4 30LHE ADP LP835	3118	24	131
BLWP4 30LHE ADP LP840	3168	24	133
BLWP4 30LHE ADP LP850	3258	24	137
BLWP4 40LHE ADP LP830	4181	33	127
BLWP4 40LHE ADP LP835	4329	33	132
BLWP4 40LHE ADP LP840	4398	33	134
BLWP4 40LHE ADP LP850	4524	33	137
BLWP4 48LHE ADP LP830	5033	39	130
BLWP4 48LHE ADP LP835	5211	39	135
BLWP4 48LHE ADP LP840	5294	39	137
BLWP4 48LHE ADP LP850	5445	39	141
BLWP4 60LHE ADP LP830	6280	47	133
BLWP4 60LHE ADP LP835	6502	47	137
BLWP4 60LHE ADP LP840	6606	47	140
BLWP4 60LHE ADP LP850	6795	47	144
BLWP4 72LHE ADP LP830	7303	56	129
BLWP4 72LHE ADP LP835	7561	56	134
BLWP4 72LHE ADP LP840	7682	56	136
BLWP4 72LHE ADP LP850	7901	56	140
BLWP4 85LHE ADP LP830	8567	69	124
BLWP4 85LHE ADP LP835	8869	69	129
BLWP4 85LHE ADP LP840	9011	69	131
BLWP4 85LHE ADP LP850	9268	69	134
BLWP4 100LHE ADP LP830	9898	80	124
BLWP4 100LHE ADP LP835	10247	80	128
BLWP4 100LHE ADP LP840	10411	80	130
BLWP4 100LHE ADP LP850	10708	80	134

**Notes**

24 For ADP lens only, for additional lens options refer to photometry on [www.acuitybrands.com](http://www.acuitybrands.com).

# BLWP Low Profile LED Wraparound

## BLWP8 PERFORMANCE DATA

Lumen Package	Lumens	Input Watts	LPW
BLWP8 40L ADP LP830	3953	30	131
BLWP8 40L ADP LP835	4113	30	136
BLWP8 40L ADP LP840	4107	30	136
BLWP8 40L ADP LP850	4246	30	141
BLWP8 60L ADP LP830	5799	47	122
BLWP8 60L ADP LP835	6034	47	127
BLWP8 60L ADP LP840	6107	47	130
BLWP8 60L ADP LP850	6229	47	132
BLWP8 80L ADP LP830	7643	63	121
BLWP8 80L ADP LP835	7952	63	126
BLWP8 80L ADP LP840	8035	63	127
BLWP8 80L ADP LP850	8210	63	130
BLWP8 100L ADP LP830	9628	82	118
BLWP8 100L ADP LP835	10017	82	123
BLWP8 100L ADP LP840	10133	82	124
BLWP8 100L ADP LP850	10342	82	127
BLWP8 140L ADP LP830	13265	120	111
BLWP8 140L ADP LP835	13802	120	115
BLWP8 140L ADP LP840	13961	120	116
BLWP8 140L ADP LP850	14249	120	119
BLWP8 180L ADP LP830	17781	147	121
BLWP8 180L ADP LP835	18501	147	126
BLWP8 180L ADP LP840	18714	147	127
BLWP8 180L ADP LP850	19101	147	130
BLWP8 200L ADP LP830	18563	156	119
BLWP8 200L ADP LP835	19314	156	124
BLWP8 200L ADP LP840	19537	156	125
BLWP8 200L ADP LP850	19941	156	128

### Notes

24 For ADP lens only, for additional lens options refer to photometry on [www.acuitybrands.com](http://www.acuitybrands.com).

## BLWP8 HE PERFORMANCE DATA

Lumen Package	Lumens	Input Watts	LPW
BLWP8 40LHE ADP LP830	3953	30	133
BLWP8 40LHE ADP LP835	4113	30	139
BLWP8 40LHE ADP LP840	4160	30	140
BLWP8 40LHE ADP LP850	4246	30	143
BLWP8 60LHE ADP LP830	5942	46	128
BLWP8 60LHE ADP LP835	6183	46	133
BLWP8 60LHE ADP LP840	6254	46	135
BLWP8 60LHE ADP LP850	6383	46	137
BLWP8 80LHE ADP LP830	7820	59	132
BLWP8 80LHE ADP LP835	8136	59	137
BLWP8 80LHE ADP LP840	8230	59	139
BLWP8 80LHE ADP LP850	8400	59	142
BLWP8 100LHE ADP LP830	9723	74	132
BLWP8 100LHE ADP LP835	10117	74	138
BLWP8 100LHE ADP LP840	10233	74	139
BLWP8 100LHE ADP LP850	10445	74	142
BLWP8 140LHE ADP LP830	13491	104	129
BLWP8 140LHE ADP LP835	14037	104	135
BLWP8 140LHE ADP LP840	14198	104	136
BLWP8 140LHE ADP LP850	14492	104	139
BLWP8 180LHE ADP LP830	17245	130	133
BLWP8 180LHE ADP LP835	17943	130	138
BLWP8 180LHE ADP LP840	18150	130	140
BLWP8 180LHE ADP LP850	18525	130	143
BLWP8 200LHE ADP LP830	19587	144	136
BLWP8 200LHE ADP LP835	20380	144	141
BLWP8 200LHE ADP LP840	20615	144	143
BLWP8 200LHE ADP LP850	21041	144	146



Catalog Number
Notes
Type

Contractor Select™

# FML4W LED Wrap

Linear Flush Mount



A low-profile, linear wraparound with decorative end caps and a frosted polycarbonate diffuser providing widespread, uniform illumination. Ideal for many applications including corridors, kitchens, breakrooms, utility work areas, laundry rooms, basements and stairways.

**FEATURES:**

- ZT: 0-10v dimming capable
- TD: Triac Dimming Capable
- All versions rated for 60,000 hour life.
- Operates at 60Hz



Catalog Number	UPC	Description	Nominal Lumens	Input Watts	Voltage	Color Temperature	Dimming	Pallet qty.
FML4W 48 5000LM 840 ZT MVOLT	194994026815	4' LED Wrap	5000	53.4	120-277V	4000K	0-10V	52
FML4W 48 ALO6 SEF 840 MVOLT	194994027249	4' LED Wrap	4000, 5000, 6000	50.0	120-277V	4000K	0-10V*	52
FML4W 48 5000LM 840 TD	194994011507	4' LED Wrap	5000	54	120V	4000K	Triac Dimming	52
FML4W 48 ALO6 85WW2 TD	196182599385	4' LED Wrap	4000, 5000, 6000	65W @ 6000LM	120V	3000K, 4000K, 5000K	Triac Dimming	52

Note: \*When using 0-10v dimming with ALO options it is recommended to set the ALO to the MAX output.





## Specifications

### INTENDED USE:

The FML4W wide housing LED wrap was designed with the renovator in mind. While compatible with new construction, it's no mystery the flexibility of the FML4W will keep renovation simple. A wider housing easily covers up existing blemishes from older fixtures, while the option to adjust lumens grants the perfect amount of light to any room. This is capped off by two dimming options; standard 0-10v dimming and for easy install, triac dimming. Triac dimming is connected straight through line voltage for easy dimming compatibility, especially in renovation or retrofit projects.

All this means the FML4W shines in closets, foyers, hallways, laundry rooms, bedrooms, offices, utility work areas, and more.

### CONSTRUCTION:

The LED wrap is constructed of a metal housing with decorative plastic end caps. The white frosted diffuser provides even illumination and softens the appearance of the LEDs for improved aesthetics.

### OPTICS:

Triac Dimming (TD): Wrap is 5,000 lumens at 120V only.

ALO6: Wraps are switchable between 4,000, 5,000, and 6,000 lumens (MVOLT).

ALO6 8SWW2: Wrap color temperature is switchable between 3000K, 4000K and 5000K.

ZT: Wraps produce 5,000 lumens (MVOLT).

All versions are rated for 60,000 hours life.

Thermal formed diffuser is of highly transmissive material to minimize lamp image and provides high angle brightness control. One piece contemporary design wrap around diffuser softens appearance for improved aesthetics.

### ELECTRICAL:

Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. 85% LED lumen maintenance at 60,000 hours (L85/60,000). Fixture mounts to recessed junction box, electrical connections must be made inside junction box.

### LISTINGS:

CSA certified to US and Canadian standards. Listed for damp locations. Energy Star® certified. 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](http://www.designlights.org/QPL) to confirm which versions are qualified.

### 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](http://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

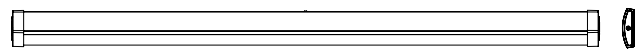
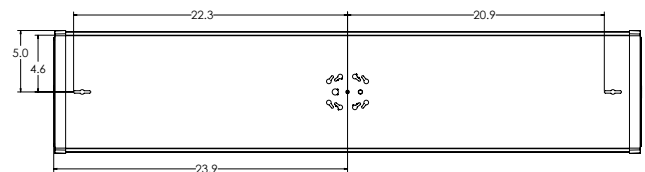
All dimensions are inches (centimeters) unless otherwise indicated.

Width 10 (25.4)

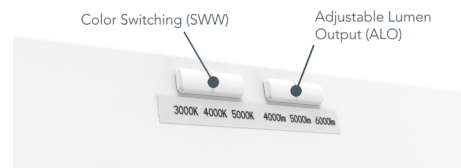
Length 47 7/8 (121.6)

Depth 3 (7.62)

Weight 6.6 lb 2.99kg



For ALO6 configurations



For ALO6 8SWW2 configurations

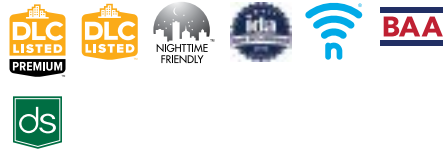
### Recommended Dimmers (Triac Dimming)

*This list of dimmers does not imply any guarantee or warranty of compatibility within a given application. Dimmers not listed do not imply non-compatibility.*

Manufacturer	Part Number
Leviton	6672
Leviton	DSL06
Lutron	AYCL-153P
Lutron	CTCL-150H
Lutron	DVCL-153P
Lutron	PD-5NE



# D-Series Size 2 LED Area Luminaire



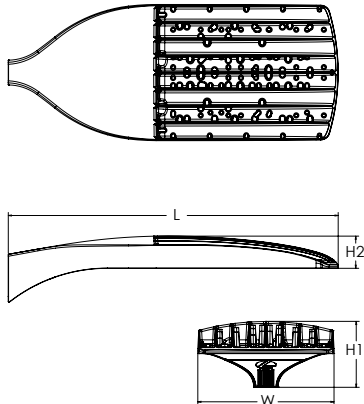
Catalog Number
Notes
Type

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

d#series

## Specifications

<b>EPA:</b>	1.06 ft <sup>2</sup> (0.10 m <sup>2</sup> )
<b>Length:</b>	40.59" (103.1 cm)
<b>Width:</b>	16.76" (42.6 cm)
<b>Height H1:</b>	8.11" (20.6 cm)
<b>Height H2:</b>	3.96" (10.1 cm)
<b>Weight:</b>	46 lbs (20.9 kg)



ds Design Select options indicated by this color background.

## Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of up to 80% vs. 1000W HID and expected service life of over 100,000 hours.



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](http://www.acuitybrands.com/designselect). \*See ordering tree for details

## Ordering Information

**EXAMPLE: DSX2 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD**

DSX2 LED	Series	LEDs	Color temperature <sup>2</sup>	Color Rendering Index <sup>2</sup>	Distribution	Voltage	Mounting		
DSX2 LED	<b>Forward optics</b>	P1 P5 P2 P6 P3 P7 P4 P8	(this section 70CRI only)		AFR Automotive front row T1S Type I short T2M Type II medium T3M Type III medium T3LG Type III low glare <sup>3</sup> T4M Type IV medium T4LG Type IV low glare <sup>3</sup> TFTM Forward throw medium	TSM Type V medium TSLG Type V low glare TSW Type V wide BLC3 Type III backlight control <sup>3</sup> BLC4 Type IV backlight control <sup>3</sup> LCCO Left corner cutoff <sup>3</sup> RCCO Right corner cutoff <sup>3</sup>	MVOLT (120V-277V) <sup>4</sup> HVOLT (347V-480V) <sup>5,6</sup> XVOLT (277V - 480V) <sup>7,8</sup> 120 <sup>16,26</sup> 208 <sup>16,26</sup> 240 <sup>16,26</sup> 277 <sup>16,26</sup> 347 <sup>16,26</sup> 480 <sup>16,26</sup>	<b>Shipped included</b> SPA Square pole mounting (#8 drilling) RPA Round pole mounting (#8 drilling) SPA5 Square pole mounting #5 drilling <sup>9</sup> RPA5 Round pole mounting #5 drilling <sup>9</sup> SPA8N Square narrow pole mounting #8 drilling WBA Wall bracket <sup>10</sup> MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)	
			(this section 80CRI only, extended lead times apply)						
			P10 <sup>1</sup> P13 <sup>1</sup> P11 <sup>1</sup> P14 <sup>1</sup> P12 <sup>1</sup>	27K 2700K					80CRI
				30K 3000K					80CRI
			35K 3500K	80CRI					
			40K 4000K	80CRI					
			50K 5000K	80CRI					

Control options	Other options	Finish (required)
<p><b>Shipped installed</b></p> <p>NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc.<sup>11,12,20,21</sup></p> <p>PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc.<sup>13,20,21</sup></p> <p>PER NEMA twist-lock receptacle only (controls ordered separate)<sup>14</sup></p> <p>PER5 Five-pin receptacle only (controls ordered separate)<sup>14,21</sup></p> <p>PER7 Seven-pin receptacle only (controls ordered separate)<sup>14,21</sup></p> <p>FA0 Field adjustable output<sup>15,21</sup></p> <p>BL30 Bi-level switched dimming, 30%<sup>16,21</sup></p> <p>BL50 Bi-level switched dimming, 50%<sup>16,21</sup></p> <p>DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)<sup>17</sup></p> <p>DS Dual switching<sup>18,19,21</sup></p>	<p><b>Shipped installed</b></p> <p>SPD20KV 20KV surge protection</p> <p>HS Houseside shield (black finish standard)<sup>22</sup></p> <p>L90 Left rotated optics<sup>1</sup></p> <p>R90 Right rotated optics<sup>1</sup></p> <p>CCE Coastal Construction<sup>23</sup></p> <p>HA 50°C ambient operation<sup>24</sup></p> <p>BAA Buy America(n) Act Compliant</p> <p>SF Single fuse (120, 277, 347V)<sup>25</sup></p> <p>DF Double fuse (208, 240, 480V)<sup>26</sup></p> <p>3G Vibration rated for 3G<sup>27</sup></p>	<p><b>Shipped separately</b></p> <p>EGSR External Glare Shield (reversible, field install required, matches housing finish)</p> <p>BSDB Bird Spikes (field install required)</p> <p>DDBXD Dark Bronze</p> <p>DBLXD Black</p> <p>DNAXD Natural Aluminum</p> <p>DWHXD White</p> <p>DDBTXD Textured dark bronze</p> <p>DBLTXD Textured black</p> <p>DNATXD Textured natural aluminum</p> <p>DWHGXD Textured white</p>



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DSX2-LED  
Rev. 10/30/23  
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## Ordering Information

### Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>25</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>25</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>25</sup>
DSHORT SBK	Shorting cap <sup>25</sup>
DSX2HS P#	House-side shield (enter package number 1-13 in place of #)
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)
DSXRPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)
DSX1EGSR (FINISH)	External glare shield (specify finish)
DSX2B5DB (FINISH)	Bird spike deterrent bracket (specify finish)

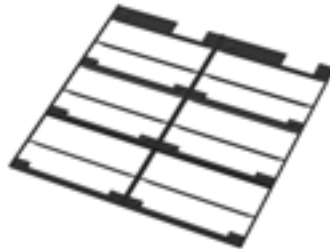
### NOTES

- Rotated optics available with packages P10, P11, P12, P13 and P14. Must be combined with option L90 or R90.
- 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
- T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- HVOLT not available with package P10 when combined with option NLTAIR2 PIRHN or option PIR.
- XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
- XVOLT not available in package P10. XVOLT not available with fusing (SF or DF).
- SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
- WBA cannot be combined with Type 5 distributions plus photocell (PER).
- NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this [link](#).
- NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P10 using HVOLT. NLTAIR2 PIRHN not available with P10 using XVOLT.
- PIR not available with NLTAIR2 PIRHN, PER, PER5, PER7, FAO BL30, BL50, DMG and DS. PIR not available with P10 using HVOLT. PIR not available with P10 using XVOLT.
- 14) PER/PER5/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, DMG and DS.
- BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120, 277 or 347V. Consult tech support for 208, 240 or 480V.
- DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DS.
- DS not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50, FAO and DMG.
- DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads on P1, P2, P3, P4, P5 (2 drivers). Note: Provides 60/40 operation using (2) different sets of leads on P6, P7, P8, P9, P10, P11, P12, P13, P14 (3 drivers).
- Reference Motion Sensor Default Settings table on page 4 to see functionality.
- Reference Controls Options table on page 4.
- HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
- CCE option not available with option BS and EGSR. Contact Technical Support for availability.
- Option HA not available with performance packages P5, P6, P7, P8, P13 and P14.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
- Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).
- Option 3G for use with (MA) mast arm mount only when 3G vibration is required.

## Shield Accessories



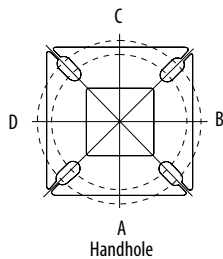
External Glare Shield (EGSR)



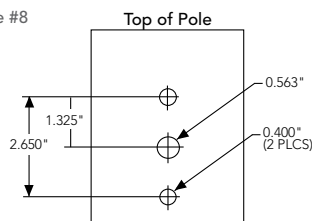
House Side Shield (HS)

## Drilling

### HANDHOLE ORIENTATION



Template #8



### Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
<b>Minimum Acceptable Outside Pole Dimension</b>							
SPA	#8	3.5"	3.5"	3.5"	3.5"		3.5"
RPA	#8	3"	3"	3"	3"	3"	3"
SPA5	#5	3"	3"	3"	3"		3"
RPA5	#5	3"	3"	3"	3"	3"	3"
SPA8N	#8	3"	3"	3"	3"		3"

### DSX2 Area Luminaire - EPA

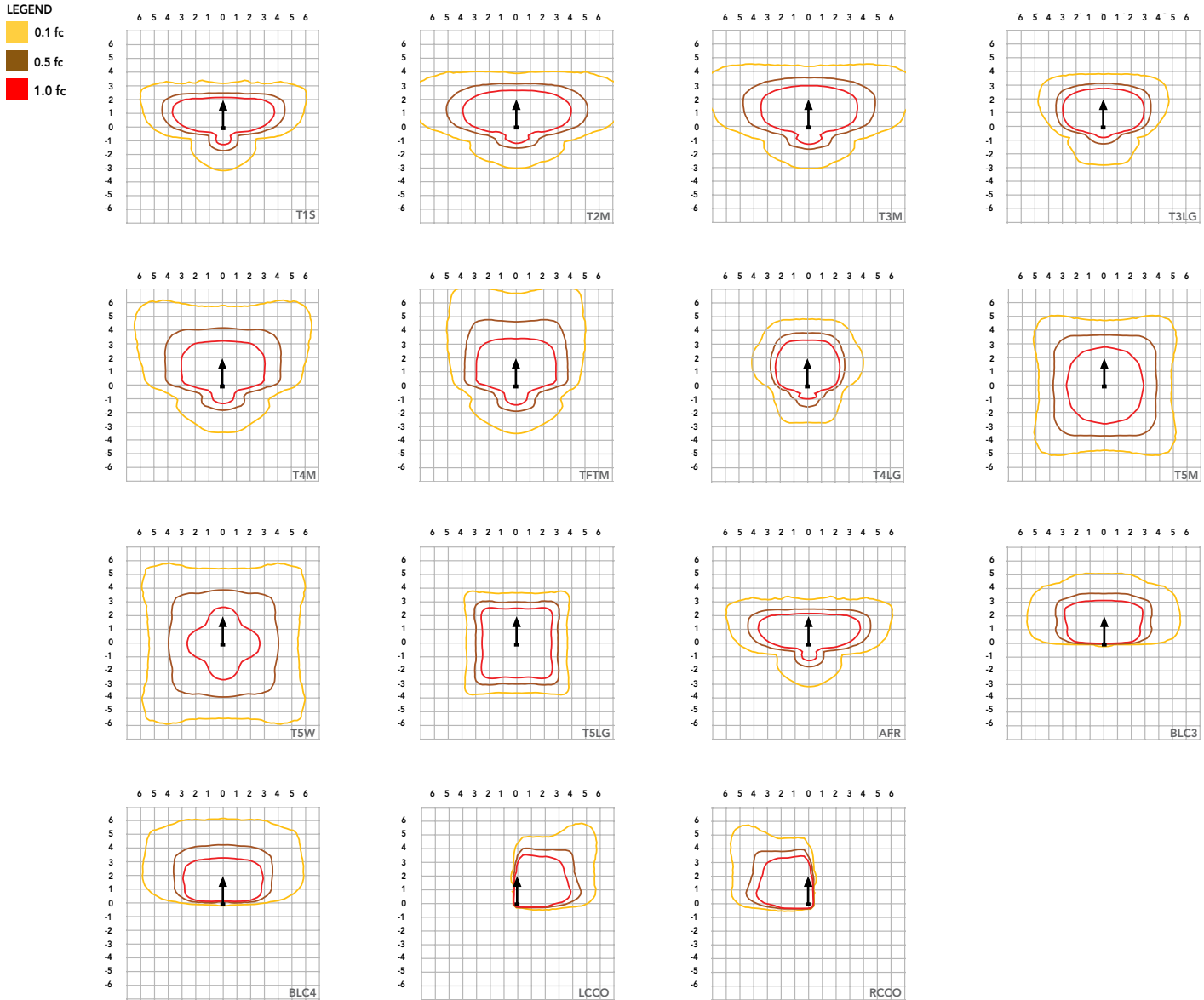
\*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX2 with SPA	1.06	2.12	1.84	2.32	---	2.33
DSX2 with SPA5, SPA8N	1.07	2.14	1.90	2.43	---	2.44
DSX2 with RPA, RPA5	1.07	2.14	1.90	2.43	2.31	2.44
DSX2 with MA	1.20	2.40	2.12	3.00	2.92	3.00

# Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [homepage](#).

Isofootcandle plots for the DSX2 LED P8 40K 70CRI. Distances are in units of mounting height (40').



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

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

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 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	Lumen Maintenance Factor
0	1.00
25,000	0.95
50,000	0.90
100,000	0.82

### FAO Dimming Settings

FAO Position	% Wattage	% Lumen Output
8	100%	100%
7	93%	95%
6	80%	85%
5	66%	73%
4	54%	61%
3	41%	49%
2	29%	36%
1	15%	20%

\*Note: Calculated values are based on original performance package data. When calculating new values for given FAO position, use published values for each package based on input watts and lumens by optic type.

### Electrical Load

	Performance Package	LED Count	Drive Current (mA)	Wattage	Current (A)					
					120V	208V	240V	277V	347V	480V
Forward Optics (Non-Rotated)	P1	80	530	135	1.12	0.65	0.56	0.49	0.39	0.28
	P2	80	700	181	1.49	0.86	0.75	0.65	0.52	0.37
	P3	80	850	222	1.83	1.05	0.91	0.79	0.63	0.46
	P4	80	1050	277	2.27	1.31	1.14	0.98	0.79	0.57
	P5	80	1250	333	2.72	1.57	1.36	1.18	0.94	0.68
	P6	100	1050	345	2.85	1.64	1.42	1.23	0.98	0.71
	P7	100	1250	414	3.41	1.97	1.70	1.48	1.18	0.85
	P8	100	1400	466	3.85	2.22	1.93	1.67	1.33	0.96
Rotated Optics (Requires L90 or R90)	P10	90	530	152	1.27	0.73	0.63	0.55	0.44	0.32
	P11	90	700	203	1.69	0.97	0.84	0.73	0.58	0.42
	P12	90	850	249	2.06	1.19	1.03	0.89	0.71	0.52
	P13	90	1200	358	2.95	1.70	1.47	1.28	1.02	0.74
	P14	90	1400	421	3.46	2.00	1.73	1.50	1.20	0.87

### LED Color Temperature / Color Rendering Multipliers

	70 CRI		80CRI		90CRI	
	Lumen Multiplier	Availability	Lumen Multiplier	Availability	Lumen Multiplier	Availability
5000K	102%	Standard	92%	Extended lead-time	71%	(see note)
4000K	100%	Standard	92%	Extended lead-time	67%	(see note)
3500K	100%	(see note)	90%	Extended lead-time	63%	(see note)
3000K	96%	Standard	87%	Extended lead-time	61%	(see note)
2700K	94%	(see note)	85%	Extended lead-time	57%	(see note)

Note: Some LED types are available as per special request. Contact Technical Support for more information.

### Motion Sensor Default Settings

Option	Unoccupied Dimmed Level	High Level (when occupied)	Photocell Operation	Dwell Time	Ramp-up Time	Dimming Fade Rate
PIR	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min
PIRHN	30%	100%	Enabled @ 2FC	7.5 min	3 sec	5 min

### Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS (not available on DSX0)	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire. Cannot be used with other controls options that need the 0-10V leads.
PIR	Motion sensor with integral photocell. Sensor suitable for 8' to 40' mounting height.	Luminaires dim when no occupancy is detected.	Acuity Controls rSBG	Cannot be used with other controls options that need the 0-10V leads.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSBG	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app. Cannot be used with other controls options that need the 0-10V leads.
BL30 or BL50	Integrated bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output	BLC device provides input to 0-10V dimming leads on all drivers providing either 100% or dimmed (30% or 50%) control by a secondary circuit	BLC UVOLT1	BLC device is powered off the 0-10V dimming leads, thus can be used with any input voltage from 120 to 480V

# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics																							
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P1	135W	80	530	T1S	19,946	2	0	3	148	20,787	2	0	3	155	21,192	2	0	3	158				
				T2M	18,477	3	0	4	137	19,256	3	0	4	143	19,632	3	0	4	146				
				T3M	18,691	3	0	5	139	19,480	3	0	5	145	19,859	3	0	5	148				
				T3LG	16,696	2	0	2	124	17,400	2	0	2	129	17,740	2	0	2	132				
				T4M	18,970	3	0	5	141	19,770	3	0	5	147	20,155	3	0	5	150				
				T4LG	17,253	2	0	2	128	17,981	2	0	2	134	18,331	2	0	2	136				
				TFTM	19,101	3	0	5	142	19,907	3	0	5	148	20,295	3	0	5	151				
				T5M	19,517	5	0	3	145	20,341	5	0	3	151	20,737	5	0	3	154				
				T5W	19,834	5	0	3	147	20,670	5	0	3	154	21,073	5	0	3	157				
				T5LG	19,574	4	0	2	146	20,400	4	0	2	152	20,797	4	0	2	155				
				BLC3	13,595	0	0	3	101	14,169	0	0	3	105	14,445	0	0	3	107				
				BLC4	14,042	0	0	4	104	14,634	0	0	4	109	14,919	0	0	4	111				
				RCCO	13,718	1	0	3	102	14,297	1	0	3	106	14,576	1	0	3	108				
				LCCO	13,718	1	0	3	102	14,297	1	0	3	106	14,576	1	0	3	108				
				AFR	19,946	2	0	3	148	20,787	2	0	3	155	21,192	2	0	3	158				
				P2	179W	80	700	T1S	25,520	3	0	3	142	26,597	3	0	3	148	27,116	3	0	3	151
								T2M	23,641	3	0	5	132	24,638	3	0	5	137	25,118	3	0	5	140
T3M	23,915	3	0					5	133	24,924	3	0	5	139	25,410	3	0	5	142				
T3LG	21,363	3	0					3	119	22,264	3	0	3	124	22,698	3	0	3	127				
T4M	24,272	3	0					5	135	25,296	3	0	5	141	25,789	3	0	5	144				
T4LG	22,075	3	0					3	123	23,006	3	0	3	128	23,455	3	0	3	131				
TFTM	24,440	3	0					5	136	25,471	3	0	5	142	25,967	3	0	5	145				
T5M	24,972	5	0					3	139	26,026	5	0	3	145	26,533	5	0	4	148				
T5W	25,377	5	0					4	142	26,448	5	0	4	148	26,963	5	0	4	150				
T5LG	25,045	4	0					2	140	26,101	4	0	2	146	26,610	4	0	2	148				
BLC3	17,395	0	0					4	97	18,129	0	0	4	101	18,482	0	0	4	103				
BLC4	17,966	0	0					4	100	18,724	0	0	5	104	19,089	0	0	5	107				
RCCO	17,552	1	0					4	98	18,293	1	0	4	102	18,649	1	0	4	104				
LCCO	17,552	1	0					4	98	18,293	1	0	4	102	18,649	1	0	4	104				
AFR	25,520	3	0					3	142	26,597	3	0	3	148	27,116	3	0	3	151				
P3	219W	80	850					T1S	30,127	3	0	4	137	31,398	3	0	4	143	32,010	3	0	4	146
								T2M	27,908	3	0	5	127	29,085	3	0	5	133	29,652	3	0	5	135
				T3M	28,232	3	0	5	129	29,423	3	0	5	134	29,996	3	0	5	137				
				T3LG	25,218	3	0	3	115	26,282	3	0	3	120	26,794	3	0	3	122				
				T4M	28,652	3	0	5	131	29,861	3	0	5	136	30,443	3	0	5	139				
				T4LG	26,059	3	0	3	119	27,159	3	0	3	124	27,688	3	0	3	126				
				TFTM	28,851	3	0	5	132	30,068	3	0	5	137	30,654	3	0	5	140				
				T5M	29,479	5	0	4	134	30,723	5	0	4	140	31,322	5	0	4	143				
				T5W	29,957	5	0	4	137	31,221	5	0	4	142	31,830	5	0	4	145				
				T5LG	29,565	4	0	2	135	30,812	5	0	2	140	31,413	5	0	2	143				
				BLC3	20,535	0	0	4	94	21,401	0	0	4	98	21,818	0	0	4	99				
				BLC4	21,209	0	0	5	97	22,104	0	0	5	101	22,534	0	0	5	103				
				RCCO	20,720	1	0	4	94	21,594	1	0	4	98	22,015	1	0	4	100				
				LCCO	20,720	1	0	4	94	21,594	1	0	4	98	22,015	1	0	4	100				
				AFR	30,127	3	0	4	137	31,398	3	0	4	143	32,010	3	0	4	146				
				P4	273W	80	1050	T1S	35,879	3	0	4	132	37,392	3	0	4	137	38,121	3	0	4	140
								T2M	33,236	3	0	5	122	34,638	3	0	5	127	35,313	3	0	5	130
T3M	33,622	3	0					5	123	35,040	3	0	5	129	35,723	3	0	5	131				
T3LG	30,033	3	0					4	110	31,300	3	0	4	115	31,910	3	0	4	117				
T4M	34,123	3	0					5	125	35,562	3	0	5	130	36,255	3	0	5	133				
T4LG	31,035	3	0					4	114	32,344	3	0	4	119	32,974	3	0	4	121				
TFTM	34,359	3	0					5	126	35,808	3	0	5	131	36,506	3	0	5	134				
T5M	35,108	5	0					4	129	36,589	5	0	4	134	37,302	5	0	4	137				
T5W	35,677	5	0					4	131	37,182	5	0	5	136	37,907	5	0	5	139				
T5LG	35,209	5	0					3	129	36,695	5	0	3	135	37,410	5	0	3	137				
BLC3	24,456	0	0					4	90	25,487	0	0	4	93	25,984	0	0	5	95				
BLC4	25,258	0	0					5	93	26,324	0	0	5	97	26,837	0	0	5	98				
RCCO	24,676	1	0					4	91	25,717	1	0	4	94	26,218	1	0	4	96				
LCCO	24,676	1	0					4	91	25,717	1	0	4	94	26,218	1	0	4	96				
AFR	35,879	3	0					4	132	37,392	3	0	4	137	38,121	3	0	4	140				

# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Forward Optics																							
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P5	327W	80	1250	T1S	41,149	3	0	4	126	42,885	3	0	4	131	43,721	3	0	4	134				
				T2M	38,118	4	0	5	117	39,727	4	0	5	122	40,501	4	0	5	124				
				T3M	38,561	3	0	5	118	40,187	3	0	5	123	40,971	3	0	5	125				
				T3LG	34,445	3	0	4	105	35,898	3	0	4	110	36,598	3	0	4	112				
				T4M	39,135	3	0	5	120	40,786	3	0	5	125	41,581	3	0	5	127				
				T4LG	35,594	3	0	4	109	37,095	3	0	4	114	37,818	3	0	4	116				
				TFTM	39,406	3	0	5	121	41,069	3	0	5	126	41,869	3	0	5	128				
				T5M	40,265	5	0	4	123	41,964	5	0	4	128	42,782	5	0	5	131				
				T5W	40,918	5	0	5	125	42,644	5	0	5	131	43,475	5	0	5	133				
				T5LG	40,382	5	0	3	124	42,085	5	0	3	129	42,906	5	0	3	131				
				BLC3	28,048	0	0	5	86	29,231	0	0	5	90	29,801	0	0	5	91				
				BLC4	28,969	0	0	5	89	30,191	0	0	5	92	30,779	0	0	5	94				
				RCCO	28,301	2	0	5	87	29,495	2	0	5	90	30,070	2	0	5	92				
				LCCO	28,301	2	0	5	87	29,495	2	0	5	90	30,070	2	0	5	92				
				AFR	41,149	3	0	4	126	42,885	3	0	4	131	43,721	3	0	4	134				
				P6	342W	100	1050	T1S	45,968	3	0	4	135	47,907	3	0	5	140	48,841	3	0	5	143
								T2M	42,582	4	0	5	125	44,379	4	0	5	130	45,244	4	0	5	132
T3M	43,076	4	0					5	126	44,894	4	0	5	131	45,769	4	0	5	134				
T3LG	38,479	3	0					4	113	40,102	3	0	4	117	40,884	3	0	4	120				
T4M	43,719	4	0					5	128	45,563	4	0	5	133	46,451	4	0	5	136				
T4LG	39,762	3	0					4	116	41,439	3	0	4	121	42,247	3	0	4	124				
TFTM	44,021	3	0					5	129	45,878	4	0	5	134	46,772	4	0	5	137				
T5M	44,980	5	0					5	132	46,878	5	0	5	137	47,792	5	0	5	140				
T5W	45,710	5	0					5	134	47,638	5	0	5	139	48,566	5	0	5	142				
T5LG	45,111	5	0					3	132	47,014	5	0	3	138	47,930	5	0	3	140				
BLC3	31,333	0	0					5	92	32,655	0	0	5	96	33,291	0	0	5	97				
BLC4	32,361	0	0					5	95	33,726	0	0	5	99	34,384	0	0	5	101				
RCCO	31,615	2	0					5	93	32,949	2	0	5	96	33,591	2	0	5	98				
LCCO	31,615	2	0					5	93	32,949	2	0	5	96	33,591	2	0	5	98				
AFR	45,968	3	0					4	135	47,907	3	0	5	140	48,841	3	0	5	143				
P7	409W	100	1250					T1S	52,692	3	0	5	129	54,915	3	0	5	134	55,986	3	0	5	137
								T2M	48,811	4	0	5	119	50,871	4	0	5	124	51,862	4	0	5	127
				T3M	49,378	4	0	5	121	51,461	4	0	5	126	52,464	4	0	5	128				
				T3LG	44,107	3	0	4	108	45,968	3	0	4	112	46,864	3	0	5	115				
				T4M	50,114	4	0	5	122	52,228	4	0	5	128	53,246	4	0	5	130				
				T4LG	45,579	3	0	4	111	47,501	3	0	4	116	48,427	3	0	4	118				
				TFTM	50,460	4	0	5	123	52,589	4	0	5	129	53,614	4	0	5	131				
				T5M	51,560	5	0	5	126	53,735	5	0	5	131	54,783	5	0	5	134				
				T5W	52,396	5	0	5	128	54,607	5	0	5	133	55,671	5	0	5	136				
				T5LG	51,710	5	0	4	126	53,891	5	0	4	132	54,941	5	0	4	134				
				BLC3	35,916	1	0	5	88	37,431	1	0	5	91	38,161	1	0	5	93				
				BLC4	37,095	0	0	5	91	38,660	0	0	5	94	39,413	0	0	5	96				
				RCCO	36,240	2	0	5	89	37,769	2	0	5	92	38,505	2	0	5	94				
				LCCO	36,240	2	0	5	89	37,769	2	0	5	92	38,505	2	0	5	94				
				AFR	52,692	3	0	5	129	54,915	3	0	5	134	55,986	3	0	5	137				
				P8	462W	100	1400	T1S	57,662	3	0	5	125	60,094	4	0	5	130	61,266	4	0	5	132
								T2M	53,415	4	0	5	116	55,668	4	0	5	120	56,753	4	0	5	123
T3M	54,034	4	0					5	117	56,314	4	0	5	122	57,412	4	0	5	124				
T3LG	48,267	3	0					5	104	50,304	3	0	5	109	51,284	4	0	5	111				
T4M	54,840	4	0					5	119	57,154	4	0	5	124	58,268	4	0	5	126				
T4LG	49,877	3	0					5	108	51,981	3	0	5	112	52,994	3	0	5	115				
TFTM	55,219	4	0					5	119	57,549	4	0	5	124	58,671	4	0	5	127				
T5M	56,423	5	0					5	122	58,803	5	0	5	127	59,949	5	0	5	130				
T5W	57,338	5	0					5	124	59,757	5	0	5	129	60,921	5	0	5	132				
T5LG	56,586	5	0					4	122	58,974	5	0	4	128	60,123	5	0	4	130				
BLC3	39,303	1	0					5	85	40,962	1	0	5	89	41,760	1	0	5	90				
BLC4	40,593	0	0					5	88	42,306	0	0	5	91	43,130	0	0	5	93				
RCCO	39,658	2	0					5	86	41,331	2	0	5	89	42,137	2	0	5	91				
LCCO	39,658	2	0					5	86	41,331	2	0	5	89	42,137	2	0	5	91				
AFR	57,662	3	0					5	125	60,094	4	0	5	130	61,266	4	0	5	132				

# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Rotated Optics																							
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K								
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)								
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW				
P10	152W	90	530	T1S	22,798	4	0	4	150	23,760	4	0	4	156	24,223	4	0	4	159				
				T2M	21,119	5	0	5	139	22,010	5	0	5	145	22,439	5	0	5	148				
				T3M	21,361	5	0	5	141	22,262	5	0	5	147	22,696	5	0	5	149				
				T3LG	19,084	4	0	4	126	19,889	4	0	4	131	20,277	4	0	4	133				
				T4M	21,679	5	0	5	143	22,594	5	0	5	149	23,034	5	0	5	152				
				T4LG	19,717	4	0	4	130	20,549	4	0	4	135	20,950	4	0	4	138				
				TFTM	21,833	5	0	5	144	22,754	5	0	5	150	23,197	5	0	5	153				
				T5M	22,305	5	0	3	147	23,246	5	0	3	153	23,699	5	0	3	156				
				T5W	22,667	5	0	3	149	23,623	5	0	4	155	24,084	5	0	4	158				
				T5LG	22,370	4	0	2	147	23,314	4	0	2	153	23,768	4	0	2	156				
				BLC3	15,539	4	0	4	102	16,194	4	0	4	107	16,510	4	0	4	109				
				BLC4	16,048	4	0	4	106	16,725	4	0	4	110	17,051	4	0	4	112				
				RCCO	15,679	1	0	3	103	16,340	1	0	3	108	16,659	1	0	3	110				
				LCCO	15,679	1	0	3	103	16,340	1	0	3	108	16,659	1	0	3	110				
				AFR	22,798	4	0	4	150	23,760	4	0	4	156	24,223	4	0	4	159				
				P11	203W	90	700	T1S	29,222	4	0	4	144	30,455	4	0	4	150	31,048	4	0	4	153
								T2M	27,070	5	0	5	134	28,212	5	0	5	139	28,762	5	0	5	142
T3M	27,380	5	0					5	135	28,535	5	0	5	141	29,091	5	0	5	144				
T3LG	24,462	4	0					4	121	25,493	4	0	4	126	25,990	4	0	4	128				
T4M	27,788	5	0					5	137	28,960	5	0	5	143	29,525	5	0	5	146				
T4LG	25,273	4	0					4	125	26,339	4	0	4	130	26,853	4	0	4	133				
TFTM	27,985	5	0					5	138	29,165	5	0	5	144	29,734	5	0	5	147				
T5M	28,591	5	0					4	141	29,797	5	0	4	147	30,377	5	0	4	150				
T5W	29,054	5	0					4	143	30,280	5	0	4	149	30,870	5	0	4	152				
T5LG	28,673	4	0					2	142	29,883	4	0	2	148	30,465	5	0	2	150				
BLC3	19,917	4	0					4	98	20,757	4	0	4	102	21,162	4	0	4	104				
BLC4	20,570	5	0					5	102	21,437	5	0	5	106	21,855	5	0	5	108				
RCCO	20,097	1	0					4	99	20,945	1	0	4	103	21,353	1	0	4	105				
LCCO	20,097	1	0					4	99	20,945	1	0	4	103	21,353	1	0	4	105				
AFR	29,222	4	0					4	144	30,455	4	0	4	150	31,048	4	0	4	153				
P12	248W	90	850					T1S	34,526	5	0	5	139	35,983	5	0	5	145	36,684	5	0	5	148
								T2M	31,984	5	0	5	129	33,333	5	0	5	135	33,983	5	0	5	137
				T3M	32,350	5	0	5	131	33,715	5	0	5	136	34,372	5	0	5	139				
				T3LG	28,902	4	0	4	117	30,121	4	0	4	122	30,708	4	0	4	124				
				T4M	32,832	5	0	5	133	34,217	5	0	5	138	34,884	5	0	5	141				
				T4LG	29,861	4	0	4	121	31,120	4	0	4	126	31,727	5	0	4	128				
				TFTM	33,064	5	0	5	134	34,459	5	0	5	139	35,131	5	0	5	142				
				T5M	33,780	5	0	4	136	35,205	5	0	4	142	35,891	5	0	4	145				
				T5W	34,327	5	0	4	139	35,776	5	0	4	145	36,473	5	0	4	147				
				T5LG	33,878	5	0	3	137	35,307	5	0	3	143	35,995	5	0	3	145				
				BLC3	23,532	5	0	5	95	24,525	5	0	5	99	25,003	5	0	5	101				
				BLC4	24,303	5	0	5	98	25,328	5	0	5	102	25,822	5	0	5	104				
				RCCO	23,745	1	0	4	96	24,747	1	0	4	100	25,229	1	0	4	102				
				LCCO	23,745	1	0	4	96	24,747	1	0	4	100	25,229	1	0	4	102				
				AFR	34,526	5	0	5	139	35,983	5	0	5	145	36,684	5	0	5	148				



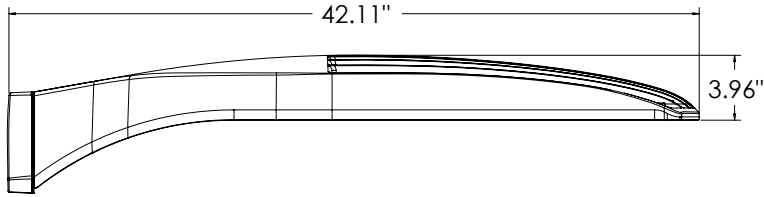
## Performance Data

### Lumen Output

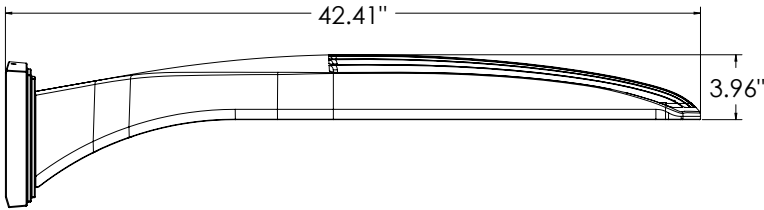
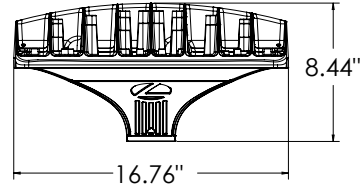
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79. Contact factory for performance data on any configurations not shown here.

Rotated Optics																			
Performance Package	System Watts	LED Count	Drive Current (mA)	Distribution Type	30K					40K					50K				
					(3000K, 70 CRI)					(4000K, 70 CRI)					(5000K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P13	354W	90	1200	T1S	45,748	5	0	5	129	47,678	5	0	5	135	48,608	5	0	5	137
				T2M	42,380	5	0	5	120	44,168	5	0	5	125	45,029	5	0	5	127
				T3M	42,865	5	0	5	121	44,673	5	0	5	126	45,544	5	0	5	129
				T3LG	38,296	5	0	5	108	39,911	5	0	5	113	40,689	5	0	5	115
				T4M	43,503	5	0	5	123	45,339	5	0	5	128	46,222	5	0	5	131
				T4LG	39,566	5	0	5	112	41,235	5	0	5	117	42,039	5	0	5	119
				TFTM	43,811	5	0	5	124	45,659	5	0	5	129	46,549	5	0	5	132
				T5M	44,760	5	0	5	126	46,648	5	0	5	132	47,557	5	0	5	134
				T5W	45,485	5	0	5	129	47,404	5	0	5	134	48,328	5	0	5	137
				T5LG	44,889	5	0	3	127	46,783	5	0	3	132	47,695	5	0	3	135
				BLC3	31,181	5	0	5	88	32,496	5	0	5	92	33,130	5	0	5	94
				BLC4	32,202	5	0	5	91	33,561	5	0	5	95	34,215	5	0	5	97
				RCCO	31,463	2	0	5	89	32,790	2	0	5	93	33,429	2	0	5	94
				LCCO	31,463	2	0	5	89	32,790	2	0	5	93	33,429	2	0	5	94
				AFR	45,748	5	0	5	129	47,678	5	0	5	135	48,608	5	0	5	137
				P14	415W	90	1400	T1S	51,272	5	0	5	123	53,435	5	0	5	129	54,476
T2M	47,497	5	0					5	114	49,500	5	0	5	119	50,465	5	0	5	121
T3M	48,040	5	0					5	116	50,067	5	0	5	121	51,043	5	0	5	123
T3LG	42,919	5	0					5	103	44,730	5	0	5	108	45,602	5	0	5	110
T4M	48,756	5	0					5	117	50,813	5	0	5	122	51,803	5	0	5	125
T4LG	44,343	5	0					5	107	46,214	5	0	5	111	47,115	5	0	5	113
TFTM	49,101	5	0					5	118	51,172	5	0	5	123	52,169	5	0	5	126
T5M	50,164	5	0					5	121	52,280	5	0	5	126	53,299	5	0	5	128
T5W	50,977	5	0					5	123	53,127	5	0	5	128	54,163	5	0	5	130
T5LG	50,309	5	0					4	121	52,432	5	0	4	126	53,453	5	0	4	129
BLC3	34,945	5	0					5	84	36,420	5	0	5	88	37,130	5	0	5	89
BLC4	36,090	5	0					5	87	37,613	5	0	5	91	38,346	5	0	5	92
RCCO	35,261	2	0					5	85	36,749	2	0	5	88	37,465	2	0	5	90
LCCO	35,261	2	0					5	85	36,749	2	0	5	88	37,465	2	0	5	90
AFR	51,272	5	0					5	123	53,435	5	0	5	129	54,476	5	0	5	131

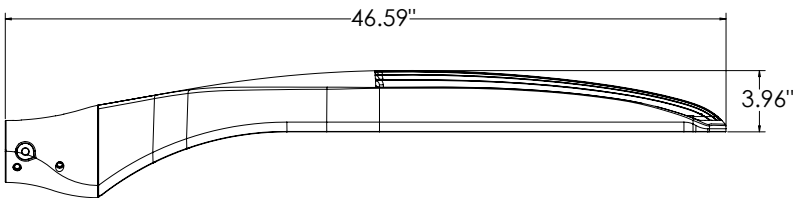
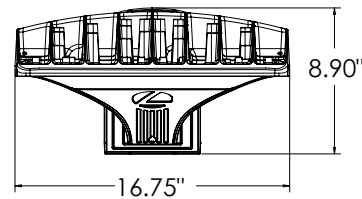
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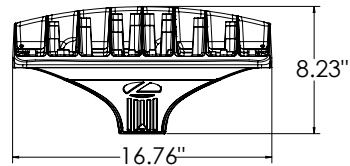
**DSX2 with RPA, RPA5, SPA5, SPA8N mount**  
**Weight: 48 lbs**



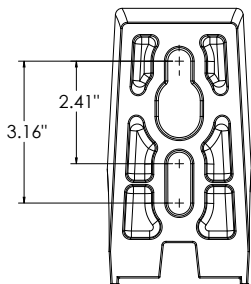
**DSX2 with WBA mount**  
**Weight: 50 lbs**



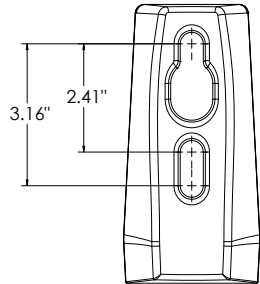
**DSX2 with MA mount**  
**Weight: 50 lbs**



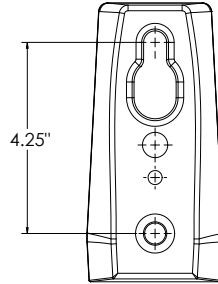
**SPA (STANDARD ARM)**



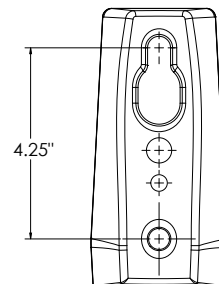
**RPA**



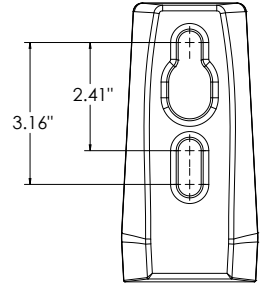
**SPA5**



**RPA5**

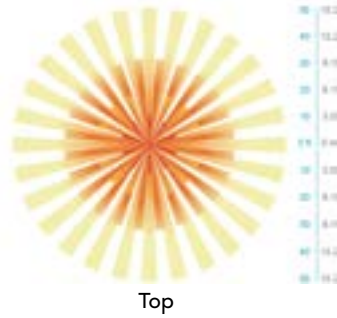


**SPA8N**



## nLight Sensor Coverage Pattern

NLTAIR2 PIRHN



## FEATURES & SPECIFICATIONS

### INTENDED USE

The sleek design of the D-Series Area Size 2 reflects the embedded high performance LED technology. It is ideal for applications like car dealerships and large parking lots adjacent to malls, transit stations, grocery stores, home centers, and other big-box retailers.

### CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing driver compartment is completely sealed against moisture and environmental contaminants (IP66). Vibration rated per ANSI C136.31 for 1.5G. 3G vibration rated available for (MA) mast arm mount when specifying option 3G. Low EPA (1.06 ft<sup>2</sup>) for optimized pole wind loading.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

### Coastal Construction (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times may apply.

### OPTICS

Precision-molded proprietary silicone lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K, or 5000 K (70 CRI) configurations. 80CRI configurations are also available. The D-Series Size 2 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L82/100,000 hrs at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily-serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### INSTALLATION

Integral mounting arm allows for fast mounting using Lithonia standard #8 drilling and accommodates pole drillings from 2.41 to 3.12" on center. The standard "SPA" option for square poles and the "RPA" option for round poles use the #8 drilling. For #5 pole drillings, use SPA5 or RPA5. Additional mountings are available including a wall bracket (WBA) and mast arm (MA) option that allows luminaire attachment to a 2 3/8" horizontal mast arm.

### STANDARD CONTROLS

The DSX2 LED area luminaire has a number of control options. DSX Size 2, comes standard with 0-10V dimming drivers. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensor with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 40 feet. Control option BL features a bi-level device that allows a second control circuit to switch all light engines to either 30% or 50% light output.

### nLIGHT AIR CONTROLS

The DSX2 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

### LISTINGS

UL listed to meet U.S. and Canadian standards. UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP66 rated. Rated for -40°C minimum ambient.

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](http://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.

### 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](http://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](http://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.

**DIGITAL NAVIGATION**

[Ordering Tree](#) [nLight Platform](#) [Sensor Switch JOT](#) [Photometrics](#) [Performance Data](#) [Drawings](#)

**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, CLAIRITY+, 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](http://www.designlights.org/QPL) to confirm which versions are qualified.

Damp location listed. IC rated. IPSX 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](http://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

Catalog Number
Notes
Type

# EPANL LED

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



**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](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# 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

Series	Width and Length	Lumens	CRI	Color Temperature	Minimum Dimming Level ‡	
EPANL LED Flat Panel	1x4 1'x4'	<u>Standard Lumens:</u>	80CRI 80 CRI	30K 3000K 35K 3500K 40K 4000K 50K 5000K	MIN10 Dims to 10% ‡ MIN1 Dims to 1%	
		1500LM 1500 Lumens				<u>High Efficiency Lumens:</u>
		3000LM 3000 Lumens				1500LMHE 1500 Lumens
	4000LM 4000 Lumens	3000LMHE 3000 Lumens				
	4800LM 4800 Lumens	4000LMHE 4000 Lumens				
	6000LM 6000 Lumens	4800LMHE 4800 Lumens				
	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				

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		
<b>Control Input</b> <u>nLight Wired:</u> NLIGHT nLight enabled, no constant lumen management CL80 NLIGHT nLight enabled, constant lumen output 80%	<b>Control</b> <u>nLight Wired: ‡</u> (blank) no control	<b>Individual Control</b> JOT Wireless room control with "Just One Touch" pairing ‡ JOTVTX15 Wireless occupancy sensor with "Just One Touch" pairing ‡
<u>nLight Wireless:</u> NLTAIR2 nLight AIR Generation 2 enabled ‡	<u>nLight Wireless:</u> 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 ‡	

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

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

# 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 luminaires with EM options.
RRL_	For ordering logic consult <a href="#">RRL 2013</a> .
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

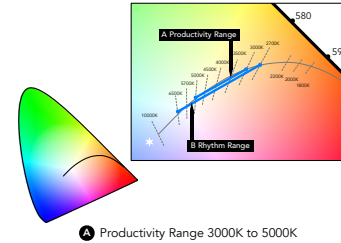
### Operating Performance:

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



### 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



**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.

### 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

## 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 <sup>1</sup>
PANLEM BKT CVR	Field installable kit bracket and cover only, 10W battery NOT included <sup>1</sup>
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. <sup>2</sup>
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. <sup>2,3</sup>
PAC 4DNF 36	Panel Air Craft Kit, 4 cables, No Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2</sup>
PAC 4DF 36	Panel Air Craft Kit, 4 cables, with Power Feed, 36 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2,3</sup>
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. <sup>2</sup>
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. <sup>2,3</sup>
PAC 4DNF 72	Panel Air Craft Kit, 4 cables, No Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2</sup>
PAC 4DF 72	Panel Air Craft Kit, 4 cables, with Power Feed, 72 inches. Recommended for 2X4, 1X4 or 2X2 Panel Fixtures. <sup>2,3</sup>

**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

**UL 924 Response – nLight AIR Devices with EM Option**

The below information applies to all nLight AIR devices with an EM option.

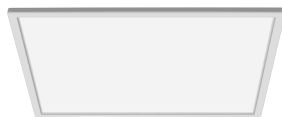
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to 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.

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](mailto:techsupport@iotaengineering.com) for any Emergency Battery related questions.



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 CLAIRITY+ mobile app. Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!

Life Safety Code (NFPA101)  
Testing & Reporting Requirements

30 seconds every 30 days

90 minutes every year

Keep records for 5 years



DOWNLOAD CLAIRITY+

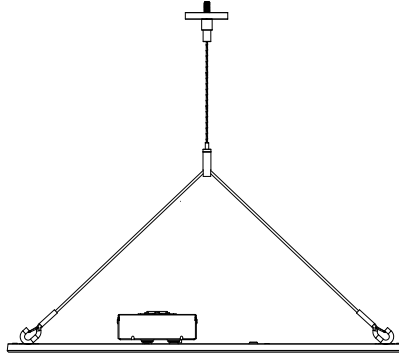


## Suspension Kits

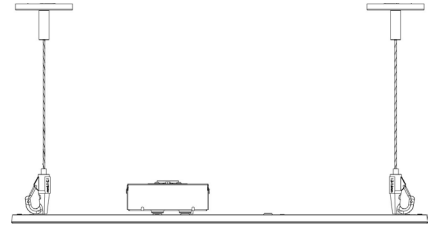
2 drops (1x4)



2 drops (2x2)



4 drops (2x4)



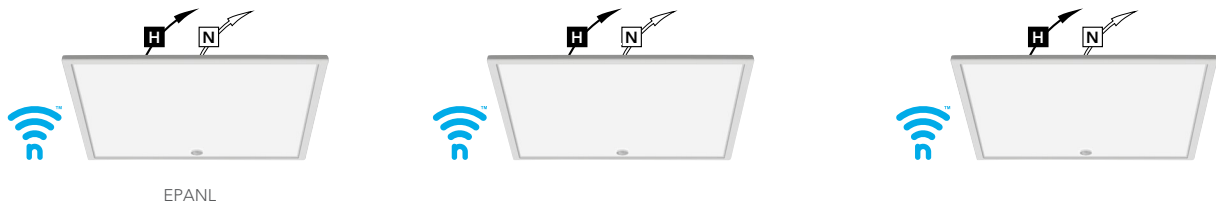


# EPANL LED Flat Panel

## 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

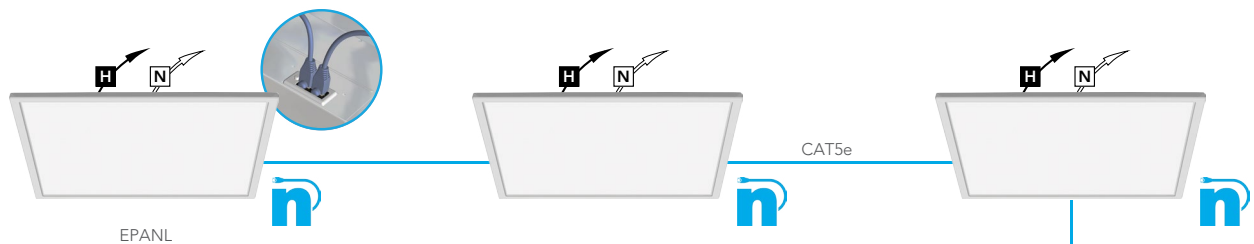


### Simple as 1,2,3

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



## nLight Wired Networking



### 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)



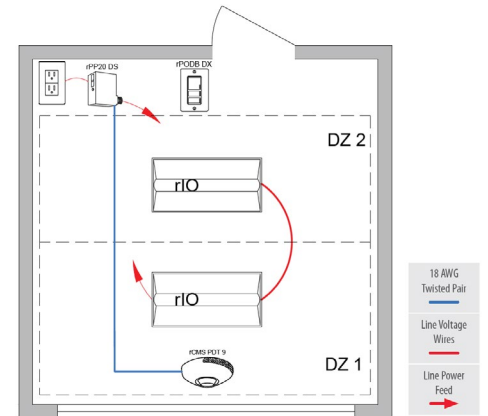
# EPANL LED Flat Panel

## Controls Accessories

nLight® Wired Control Accessories: <i>Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlight">www.acuitybrands.com/products/controls/nlight</a>.</i>			
<b>WallPod stations</b>	<b>Model number</b>	<b>Occupancy sensors</b>	<b>Model number</b>
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]
<b>Photocell controls</b>	<b>Model number</b>	<b>Cat-5 cable (plenum rated)</b>	<b>Model number</b>
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1
		30' cable	CATS 30FT J1

nLight® AIR Control Accessories: <i>Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlightair">www.acuitybrands.com/products/controls/nlightair</a>.</i>	
<b>Wall switches</b>	<b>Model number</b>
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 <sup>1</sup>		Example: RCMS PDT 10 AR G2					
Series / Detection	Power Supply <sup>1</sup>	Occupancy Detection	Lens (Required)	Operating Mode	Generation		
RCMS nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately PS 150 Standard 150 mA Power Supply	[blank] PIR Detection PDT Dual Tech PIR/ Microphonics	10 Large Motion/ Extended Range 360° 9 Small Motion/ Extended Range 360° 6 High Bay 360° Lens	[BLANK] None AR Auxiliary Relay	G2	Generation 2 compatibility	

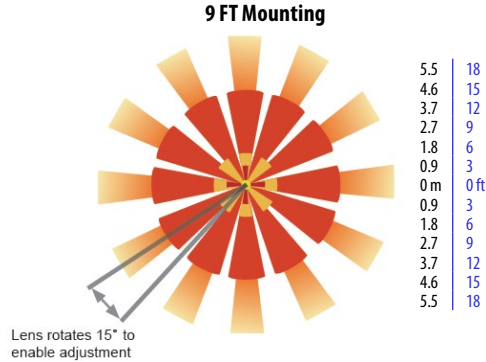
### Notes

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



## Sensor Coverage Pattern Mini 360° Lens

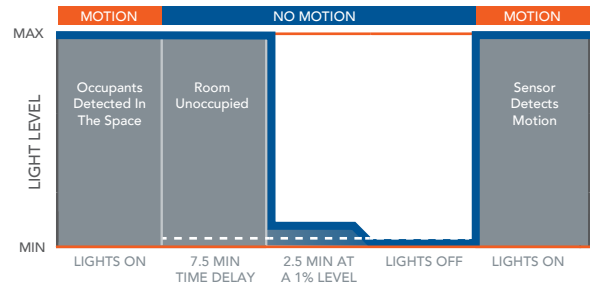
- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of 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



## 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).

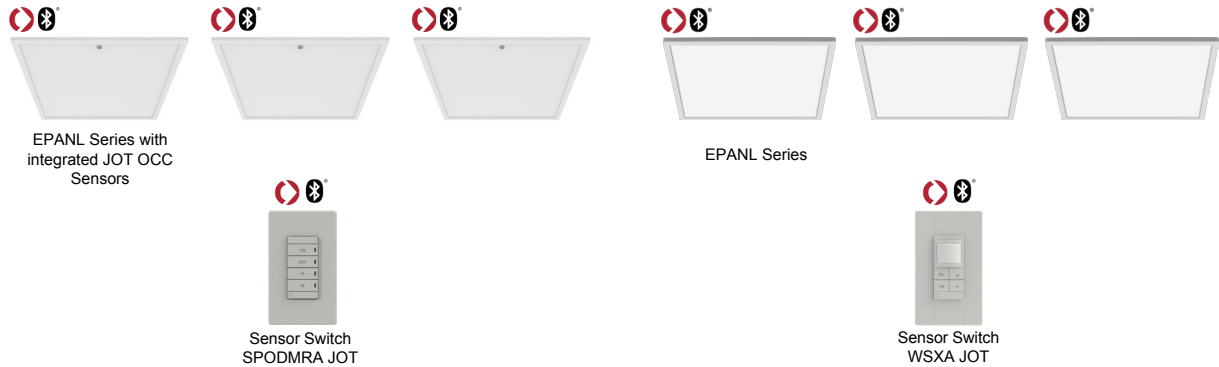
## Sensor Switch JOT



### 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.

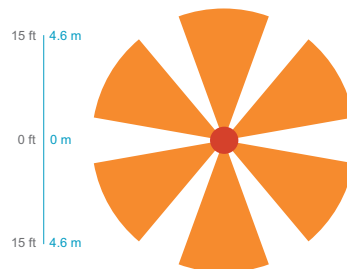
- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.



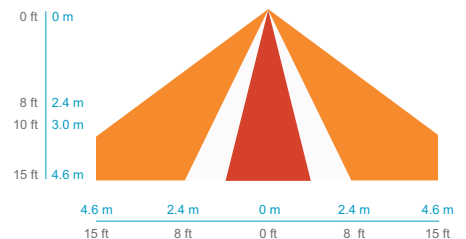
## 15F - LARGE MOTION EXTENDED RANGE 360

- 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



# 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	PS9YYBOV
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	PSL7HREA
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	PICIQWDG
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	P4AJOGI1
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 4000LMHE 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	PVIRSOQB
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	PIS28TOX
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

# 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	PECOGL65
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	P25AS4VW
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	PECOZVXY
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	PIY82204
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	P716D3WI
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	POOY8NZ2
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	PBMB5QA8
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	P206CXK4
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	

# 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 [MIN1, MIN10] [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	PSLOA6G7
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	PW2SV5X9
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	PG2MHOZE
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	PNKUCIAA
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	

# 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	PJAOIUUK
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	P3J0ACOV
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	PPKAF154
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	PWCONHMH
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	P36758NK
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	PMH12SAT
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	P6JUAF1
EPANL 2X4 6000LMHE 80CRI 30K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	5755	45	128	PDDV7MOA
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	PIVHYPP1
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	P2GV0FOB
EPANL 2X4 6000LMHE 80CRI 40K [MIN1, MIN10] [BLANK, ZT, EZT, NLIGHT] 347 [ALL OPTIONS]	Standard	6127	45	136	P80ASLE2
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	P888TMSU
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	PHDEORE3
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	

# 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	PUZSKKJQ
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	PIIH40FQ
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	PHWEYLOD
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	PW3RZAGO
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	

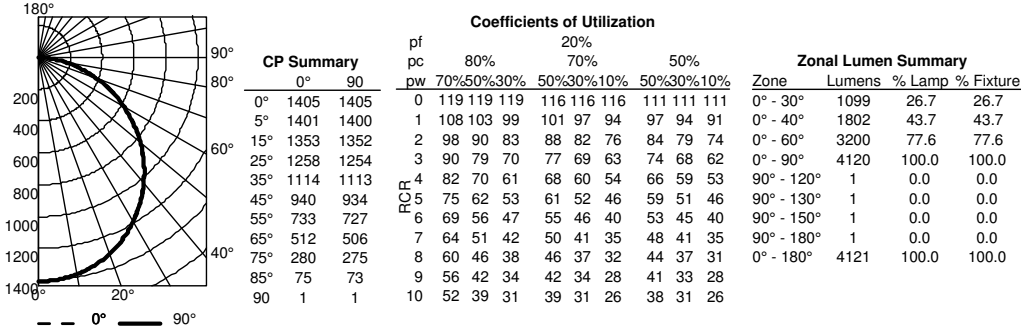


# EPANL LED Flat Panel

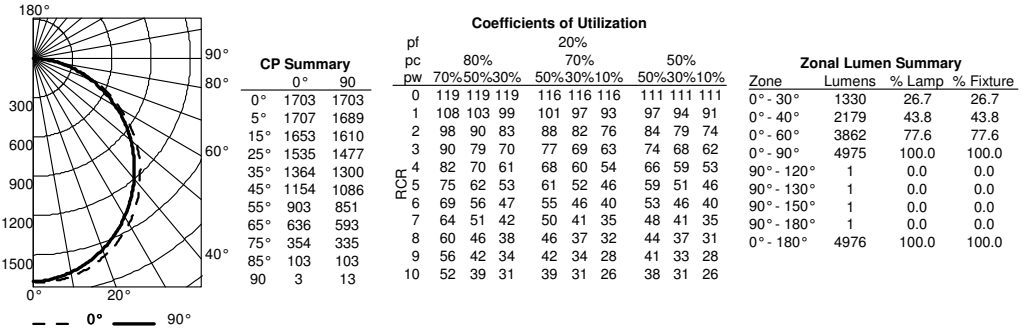
## PHOTOMETRICS

Full Photometric data is available on [Lithonia.acuitybrands.com](http://Lithonia.acuitybrands.com)

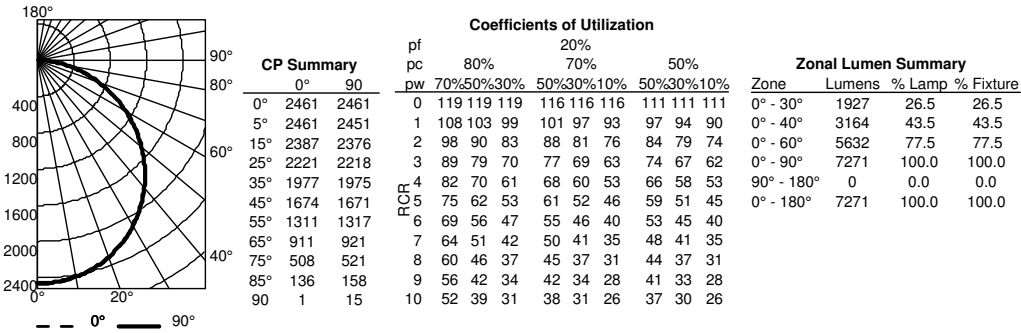
### EPANL 2x2 4000LM 80CRI 40K, 4121 delivered lumens.



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

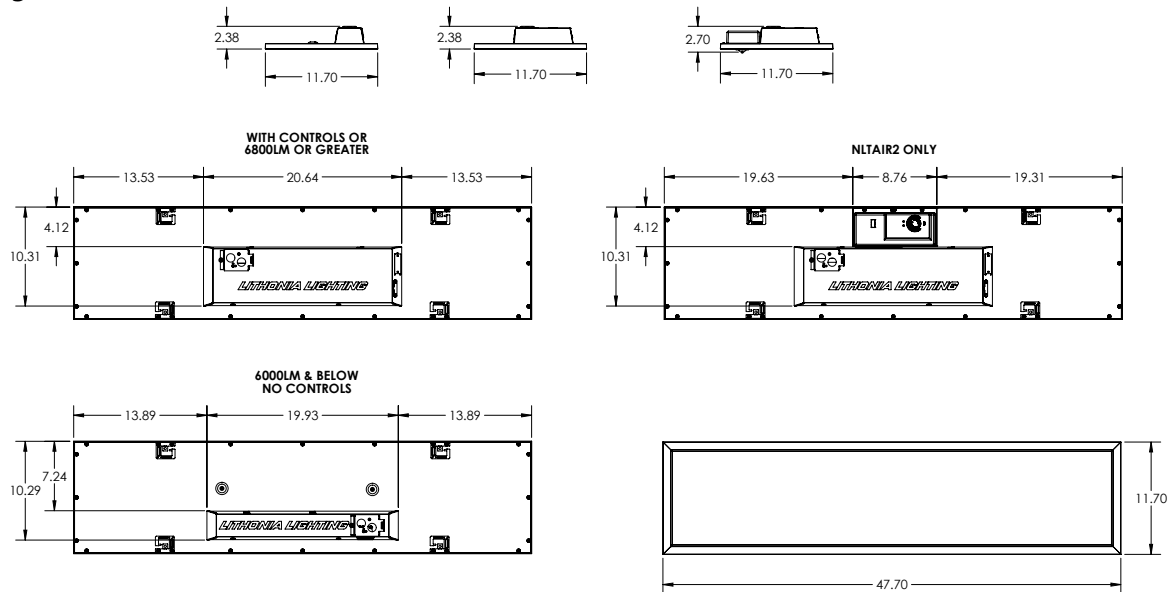


### EPANL 2x4 6800LM 80CRI 40K, 7269 delivered lumens.

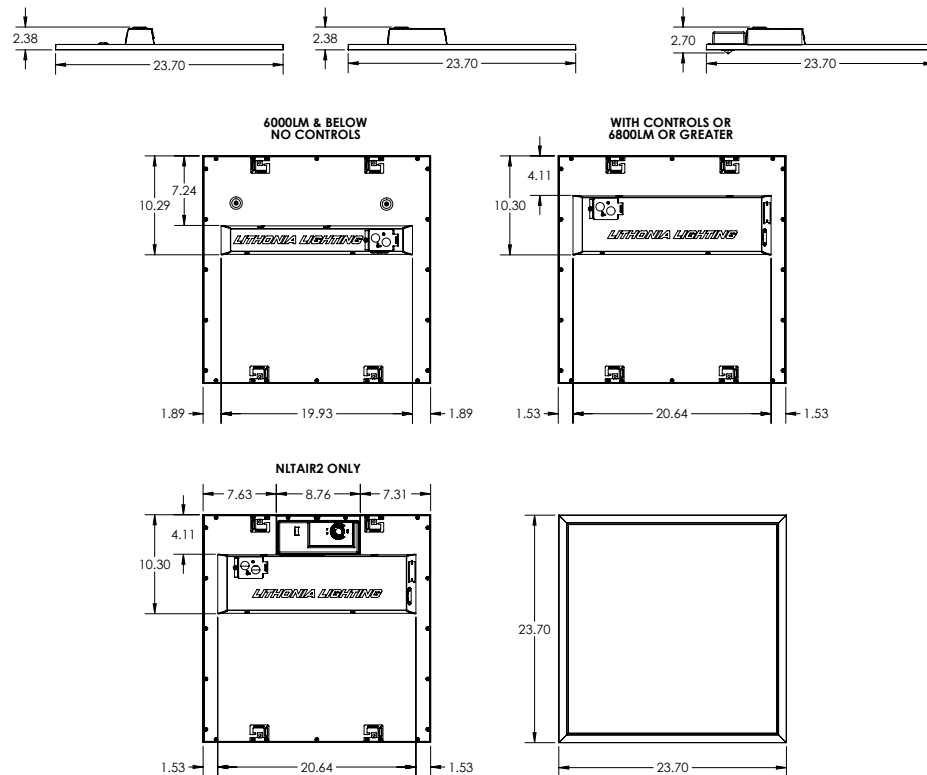


## DIMENSIONS

### 1X4 Configurations

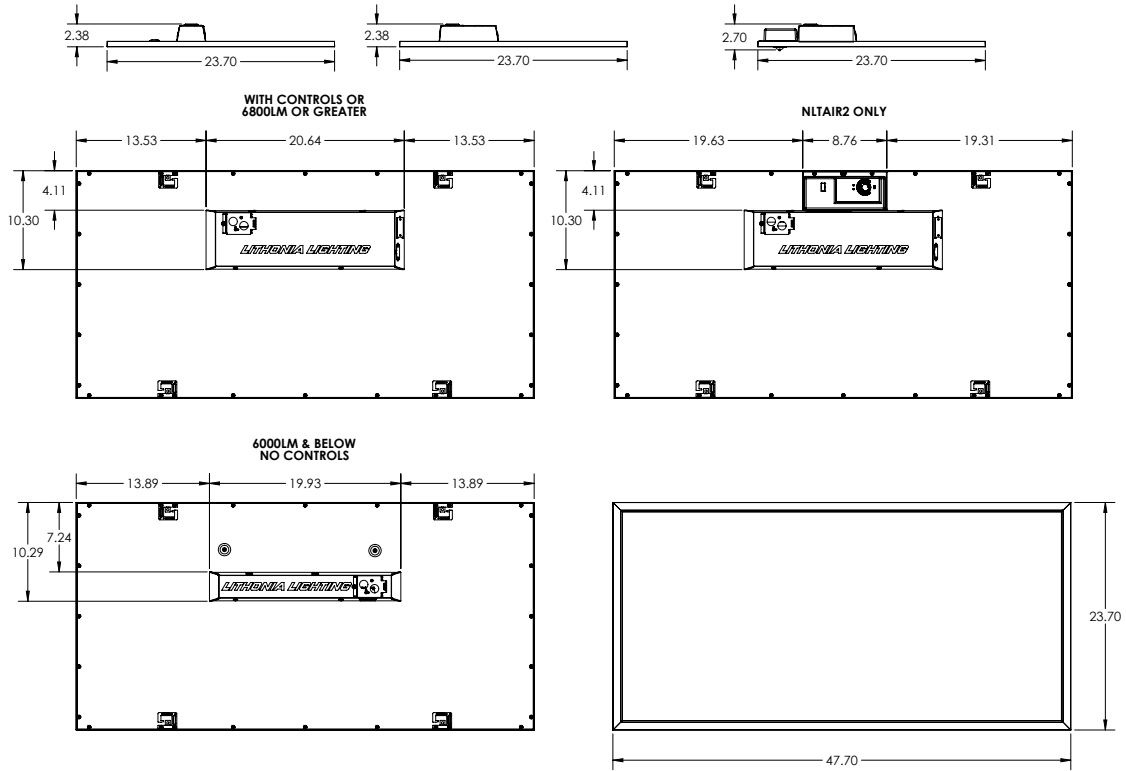


### 2X2 Configurations



## DIMENSIONS (continued)

### 2X4 Configurations





Catalog Number
Notes
Type

Contractor Select™

# CNY LED ALO

Canopy Luminaire  
Adjustable+Switchable+Photocell  
+Occupancy Sensor



The Lithonia Lighting CNY LED ALO canopy luminaire is a versatile, energy-efficient solution for surface-mount applications for walkways, overhangs, and parking garages. Adjustable switch panel easily changes lumen output, color temperature, integrated photocell, and integrated motion sensor. The low profile frosted lens creates a visually comfortable illumination and even distribution.

**FEATURES:**

- 3 power levels deliver 5,000 - 10,000 lumens.
- Switchable CCT (30K/40K/50K) offers warm, cool, and daylight in a single fixture
- Integrated On/Off photocell
- Integrated occupancy sensor can be turned on, off, or set to 10% dim
- Install by surface mount, junction box, or pendant mount
- IK08 Impact resistant polycarbonate frosted lens
- IP65 rated, die cast aluminum housing

Adjustable Lumen Output  
ALO

Switchable CCT  
SWW2

Integrated Photocell

Integrated Motion Sensor

DLC LISTED  
PREMIUM

65  
IP RATED

LED

SP  
US

WET LOCATION™

5  
YEAR  
warranty

Catalog Number	Adjustable Lumen Output ALO			Switchable CCT SWW2	Photocell Operation	Occupancy Sensor	Input Voltage	CRI	Finish
CNY LED ALO SWW2 UVOLT PE PIR DDB M2	5,000 Lumens	7,500 Lumens	10,000 Lumens	Switchable 3000K, 4000K, 5000K	Included Standard, Selectable On/Off	Included Standard, Selectable On/Off/10% Dim	120-347V	80CRI	Dark Bronze
CNY LED ALO SWW2 UVOLT PE PIR WH M2	5,000 Lumens	7,500 Lumens	10,000 Lumens	Switchable 3000K, 4000K, 5000K	Included Standard, Selectable On/Off	Included Standard, Selectable On/Off/10% Dim	120-347V	80CRI	White

**CNY Stock Options**

Catalog Number	UPC	Ci Code	Number of fixtures per pallet	Traditional Replacement
CNY LED ALO SWW2 UVOLT PE PIR DDB M2	00197589495041	*284HU8	180	Up to 250W HID
CNY LED ALO SWW2 UVOLT PE PIR WH M2	00197589495126	*284HUH	180	Up to 250W HID

**Accessories:** Order as separate catalog number.

CNYBCP DDB	14 Inch x 14 Inch Beauty Cover Plate
CNYEK E7WC M12	Field installable emergency battery; 7W, UVOLT compatible, Minimum operating temp of 0°C

**Lumen Output:**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of configurations shown within the tolerances described within LM-79.

Lumen Output	Input Wattage	CCT/80CRI	Delivered Lumens	Lumens Per Watt
5,000	34	3000K	4709	139
		4000K	4794	147
		5000K	4777	143
7,500	52	3000K	7169	133
		4000K	7403	144
		5000K	7291	137
10,000	75	3000K	9504	123
		4000K	9894	136
		5000K	9529	125



## Specifications

### INTENDED USE:

The CNY LED ALO canopy luminaire is ideal for surface mount application such as canopies over building entrances, walkways, loading docks, and covered parking areas. The products traditional style does not detract from current building aesthetics, creating a seamless upgrade. These products are energy-efficient replacements of existing surface mount products; up to 250W metal halide.

CNY LED ALO features adjustable lumen output include low, medium, and high. Switchable CCT includes 3000K (warm), 4000K (neutral), or 5000K (daylight), a selectable integral photocell that automatically turns the fixture on in the evening and off the next morning, and a selectable integral occupancy sensor that can turn on the fixture when motion is detected and be set to maintain 10% illumination or fully off when no motion is detected.

### CONSTRUCTION:

The CNY LED ALO has a cast-aluminum housing with powder coat finish for lasting durability. The IK08 impact rated frosted lens is designed for uniform light distribution while providing visually comfortable illumination. The lens is sealed with a one piece gasket creating an IP65 rated fixture.

### ELECTRICAL:

Standard 6kV surge protection tested in accordance to ANSI/IEEE C62.41.2 Category C. CNY LED ALO luminaires use UVOLT (120-347V). Adjustable lumen output is achieved with 0-10V continuous dimming capable drivers, ensuring system power factor >90% and THD <20%. High-efficiency LEDs maintains over 70% of light output at 100,000 hours (L70 > 100,000 hours).

### INSTALLATION:

The CNY LED ALO canopy luminaire features a quick-mount plate that makes mounting to a recessed junction box or conduit entry point both quick and trouble free. The quick-mount plate can be separated for surface mounting and reattached via a hinge for support while wiring. Four 3/4" NPT conduit entry points are built into the quick-mount plate to allow fast and confident alignment for surface-conduit wiring.

### LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

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

Can be used to comply with California Title 24, Part 6 High Efficacy LED light Source Requirements

### 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](http://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

### CNY LED ALO

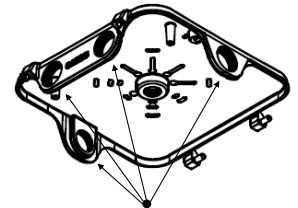
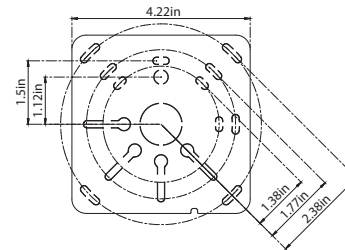
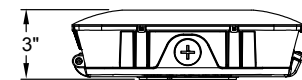
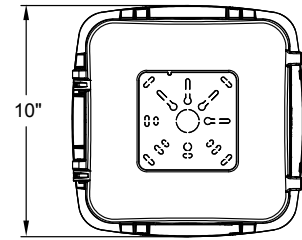
Width: 10" (25.4cm)

Height: 3" (7.62cm)

Depth: 10" (25.4cm)

Weight: 4.8lbs (2.18kg)

All dimensions are inches (centimeters) unless otherwise indicated.

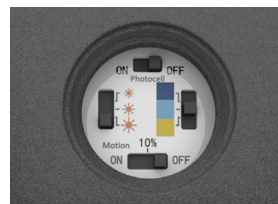


Location of Side Conduit KO Holes

### Occupancy Sensor Settings



Time to Off with No Occupancy is 10 minutes



Factory Settings	
Lumen Output	10,000
CCT	4000K
Photocell	Off
Occupancy Sensor	Off

## OVERVIEW

The nLight® AIR rPODBA is a wireless, battery-powered wall switch including toggle and/or raise lower features with optional multi-pole control. It provides a user with local control of a lighting zone. A true wire-free switch, these single gang decorator style devices have soft-click buttons and a green LED indicator for each button. The wall switches communicate with other nLight AIR devices via radio frequency (RF). A battery-powered wall switch can work with any nLight AIR enabled fixture or power pack to provide toggle switch operation. Wall switches with the DX option have the added ability to adjust the level of any nLight AIR controlled dimmable light fixture.

## FEATURES

- Powered with three off-the-shelf lithium AAA batteries and rated for 10 years of normal use, minimizing battery replacement. (Battery replacement with alkaline batteries does not guarantee a 10-year run time.)
- Communicates with nLight AIR devices via radio frequency (RF) in the 900MHz spectrum
- Soft-click push-button control
- Single pole or two pole on/off control with optional raise/lower option ("DX" option)
- 2 or 4 preset scene control fully configurable via CLAIRITY™+ mobile app
- Maximum of 4 total preset scenes per nLight AIR group
- Batteries are included and preinstalled, allowing for a simple unbox and mount installation
- Wireless multi location dimming

## CUSTOM BUTTON ENGRAVING

- Custom lettering for units can be specified and ordered at: [nGrave Form](#)
- To ensure color uniformity, ordering templates facilitate specifying all buttons on a unit as custom lettered. Replacing single buttons is not recommended
- Custom buttons will ship separately and require field installation

## 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](http://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.



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](http://www.acuitybrands.com/aplus).



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](http://www.acuitybrands.com/designselect).

\*See ordering tree for details

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## nLight® AIR rPODBA: Battery-Powered Wall Switch



**Note:** nLight® AIR devices are only compatible with other nLight AIR enabled devices and are not cross compatible with other nLight product lines at this time.

## ORDERING INFORMATION

Example: RPODBA 2P DX WH G2				
Series	Poles & Scenes	Dimming Control	Color	Generation
RPODBA	[blank] Single Pole 2P Two Pole 2S 2 Scene control (2 buttons) 4S 4 Scene control (4 buttons)	[blank] On/Off Control DX On/Off + Raise/Lower Control	WH White IV Ivory AL Light Almond BK Black GY Gray RD Red	G2 Generation 2 Compatibility

## ORDERING INFORMATION

All rPODBA switches are shipped with wall plates, however, the following order information is available to acquire replacement wall plates.

Wall Plate - Additional or Replacement						
Series	# of Gangs	Color			Packaging	
WS XPODA Wall Plates (Standard) SSW Sealed Covers	1 GNG Single Gang	WH White IV Ivory GY <sup>2</sup> Gray	AL <sup>2</sup> Light Almond BK <sup>2</sup> Black RD Red	VP <sup>2</sup> Variety Pack	[blank] Single Unit <sup>3</sup> M5 <sup>2</sup> 5 Pack M6 <sup>1,2</sup> 6 Pack	

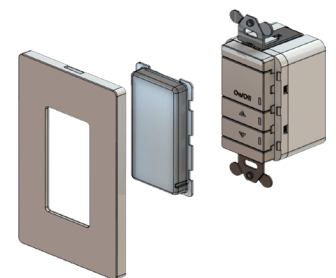
Accessories	
RPODBA MOUNTRING	Replacement mounting ring for rPODBA and rPODB switches
SSW 1GNG WH	Sealed screwless wall plate to prevent liquid intrusion, white
SSW 1GNG IV	Sealed screwless wall plate to prevent liquid intrusion, ivory
SSW 1GNG RD	Sealed screwless wall plate to prevent liquid intrusion, red

1. Available only for variety pack.
2. Not available for SSW series.
3. Single units only available for SSW series.

## WALL SWITCH CLEANING

It will occasionally be necessary to clean the wall switches. All rPODBA switches may be wiped down with a soft cloth or paper towel dampened with glass cleaner, vinegar and water, hydrogen peroxide, or a mild abrasive. Spray a limited amount on the cloth or paper towel prior to applying. Do not spray cleaner on the switches directly, and do not wipe the switches down with a towel saturated (drips when wrung out) with cleaner.

If the ability to clean the switches using chemical spray disinfectants is desired, we recommend the use of the Sealed Screwless Wall Plate (SSW). The Sealed Screwless Wall Plate is a cover for the standard wall plate, designed with an IP54 rating. It consists of a transparent silicone rubber layer that covers the wall switch to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to prevent liquids from entering the wall switch while maintaining a tactile button feel. The Sealed Screwless Wall Plate is the ideal solution to help protect a wall switch from fluid entering the device while enabling the use of disinfectants recommended by the EPA for use against SARS-CoV-2, the coronavirus that causes COVID-19, which often require spraying or saturating the surface.

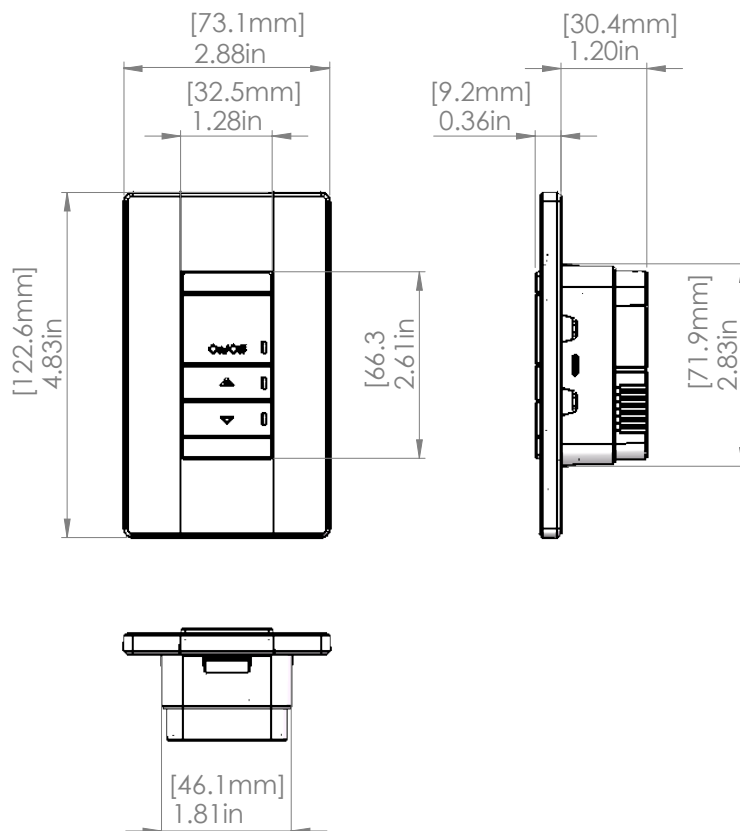


For more information on the [Sealed Screwless Wall Plates](#)

## SPECIFICATIONS

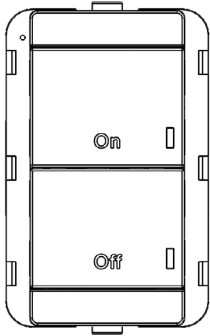
Dimensions	WallPod (including wall plate): 4.83" H x 2.88" W x 1.56" D (122.6mm x 73.1mm x 39.6mm) WallPod (without wall plate): 2.61" H x 1.28" W x 1.56" D (66.3mm x 32.5mm x 39.6mm)
Weight	4.25 oz
Mounting	Single Gang Switch Box or Low Voltage Ring
Color	White, Ivory, Lt. Almond, Gray, Red, Black
Operating Temperature	-40°C to 60°C (indoor use only)
Relative Humidity	Standard: 20 to 75% non-condensing
Radio Frequency	Dual Radio: 900Mhz & 2.4GHz
RF Transmit Power	900MHz: +20dBm; 2.4GHz: Variable
Wireless Standard	900MHz: IEEE 802.15.4-based 2.4GHz: Version 4.0+ of the Bluetooth specification
Wireless Range	900MHz: Up to 1,000 ft. (~304m) in free space/ line of sight Minimum of 150 ft through typical construction 2.4GHz: Up to 60 ft. (~18m) in free space/ line of sight
Security	Application Data Encryption: AES-128 bit Mutual Entity Authentication Message Confidentiality Message Authentication and Replay Prevention Limited Anonymity Complies with California Civil Code Title 1.81.26, Security of Connected Devices, approved under Senate Bill No. 327 (2018)
Regulatory Compliance	FCC ID: 2ADCB-RMODIT3 RoHS IC: 6715C-RMODIT3 IFETEL: RCPNLL20-2057 UL 916 (E110912)
Battery Type	3 AAA lithium (included)
Battery Life	10 years (with lithium batteries)
Programming Tool	CLAIRITY™+ mobile app

## DIMENSIONS

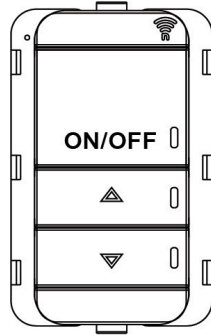




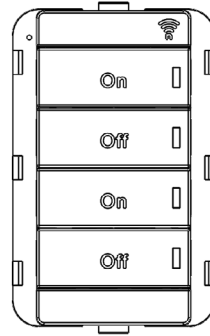
**DEFAULT LABELING**



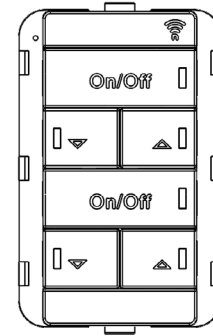
**rPODBA**



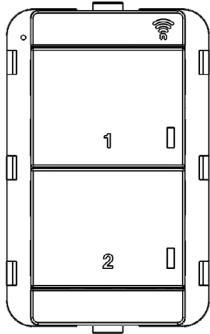
**rPODBA DX**



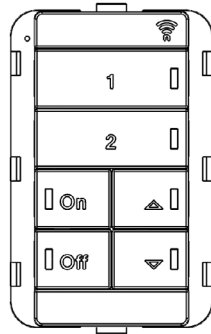
**rPODBA 2P**



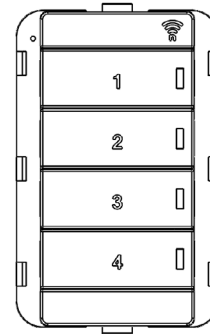
**rPODBA 2P DX**



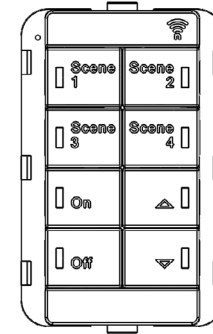
**rPODBA 2S**



**rPODBA 2S DX**



**rPODBA 4S**



**rPODBA 4S DX**

## INSTALLATION OVERVIEW

Installation of the rPODBA is simple, wire free, and does not require special tools. Follow the instructions below to install the rPODBA wall switch.

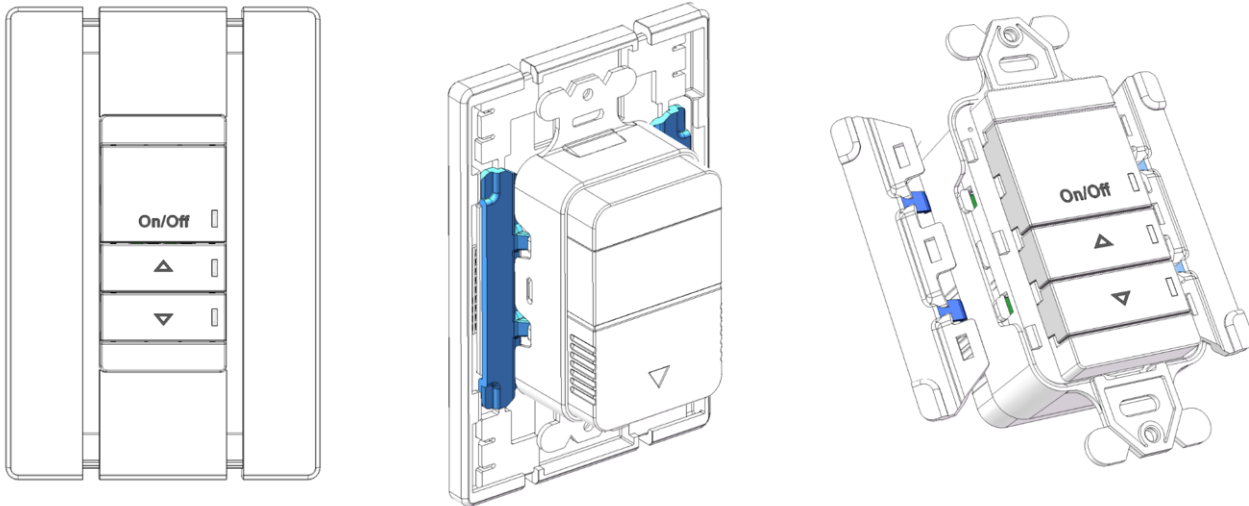
### OUT-OF-THE-BOX DECORA WALL PLATE

- Remove the wall plate from the device by pulling the sides out to expand the wall plate and release it from the mounting flanges.
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
  - To ensure correct wall plate installation, drive the screws until the mounting flanges contact the wall surface. If the screws are overdriven, the mounting flanges will disengage, preventing wall plate installation. If this happens, reattach the mounting flange(s) and install to correct position. (The flanges may be reattached by inserting the two tabs in the side of the unit and pushing the part inward to engage the three snaps.)
- Reattach the wall plate
  - Expand the wall plate horizontally
  - Place the wall plate onto the unit
  - Contract the horizontally expanded wall plate onto the unit such that the side flange features seat inside the wall plate
- No wiring needed

### OFF-THE-SHELF DECORA WALL PLATE

When installing the unit with standard off-the-shelf decora wall plates, the following steps should be followed.

- Remove the Acuity wall plate from the device by pulling the sides out to expand the wall plate and releasing it from the mounting flanges.



- Unhook and remove the side flanges from the device
- Connect the unit to the gang box
  - The unit will connect to the gang box by screws, one at the top and one at the bottom
- Attach the wall plate