



# RSX1 LED

## Area Luminaire



Catalog  
Number

Notes

VILLAGE AT PLANK ROAD

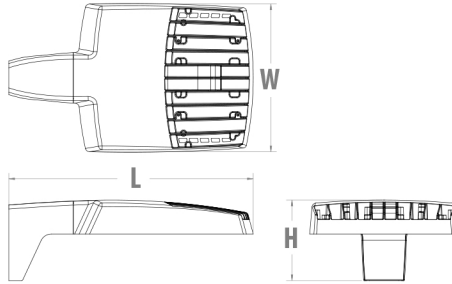
Type

PARKING & POOL DECK

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

### Specifications

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| EPA<br>(ft <sup>2</sup> @0°): | 0.57 ft <sup>2</sup> (0.05 m <sup>2</sup> )   |
| Length:                       | 21.8" (55.4 cm)<br>(SPA mount)                |
| Width:                        | 13.3" (33.8 cm)                               |
| Height:                       | 3.0" (7.6 cm) Main Body<br>7.2" (18.4 cm) Arm |
| Weight:<br>(SPA mount):       | 22.0 lbs (10.0 kg)                            |



### Introduction

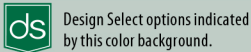
The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.



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:** RSX1 LED P4 40K R3 MVOLT SPA DDBXD

| RSX1 LED |                     |                   |                                           |                                             |                                                                                                                                  |
|----------|---------------------|-------------------|-------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Series   | Performance Package | Color Temperature | Distribution                              | Voltage                                     | Mounting                                                                                                                         |
| RSX1 LED | P1                  | 30K 3000K         | R2 Type 2 Wide                            | MVOLT (120V-277V) <sup>2</sup>              | SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)                                  |
|          | P2                  | 40K 4000K         | R3 Type 3 Wide                            | HVOLT (347V-480V) <sup>3</sup>              | RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°) |
|          | P3                  | 50K 5000K         | R3S Type 3 Short                          | XVOLT (277V-480V) <sup>4</sup>              | MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)                                                                            |
|          | P4                  |                   | R4 Type 4 Wide                            | (use specific voltage for options as noted) | IS Adjustable slipfitter (fits 2-3/8" OD tenon) <sup>6</sup>                                                                     |
|          |                     |                   | R4S Type 4 Short                          | 120 <sup>3</sup> 277 <sup>5</sup>           | WBA Wall bracket <sup>1</sup>                                                                                                    |
|          |                     |                   | R5 Type 5 Wide <sup>1</sup>               | 208 <sup>3</sup> 347 <sup>5</sup>           | WBASC Wall bracket with surface conduit box                                                                                      |
|          |                     |                   | R5S Type 5 Short <sup>1</sup>             | 240 <sup>3</sup> 480 <sup>5</sup>           | AASP Adjustable tilt arm square pole mounting <sup>6</sup>                                                                       |
|          |                     |                   | AFR Automotive Front Row                  |                                             | AARP Adjustable tilt arm round pole mounting <sup>6</sup>                                                                        |
|          |                     |                   | AFRR90 Automotive Front Row Right Rotated |                                             | AAWB Adjustable tilt arm with wall bracket <sup>6</sup>                                                                          |
|          |                     |                   | AFRL90 Automotive Front Row Left Rotated  |                                             | AAWSC Adjustable tilt arm wall bracket and surface conduit box <sup>6</sup>                                                      |

| Options                                                                                                                                                      |                                                                                                       |  | Finish                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|----------------------------------|
| <b>Shipped Installed</b>                                                                                                                                     |                                                                                                       |  |                                  |
| HS                                                                                                                                                           | House-side shield <sup>7</sup>                                                                        |  | DDBXD Dark Bronze                |
| PE                                                                                                                                                           | Photocontrol, button style <sup>8,9</sup>                                                             |  | DBLXD Black                      |
| PER7                                                                                                                                                         | Seven-wire twist-lock receptacle only (no controls) <sup>9,10,11</sup>                                |  | DNAXD Natural Aluminum           |
| SF                                                                                                                                                           | Single fuse (120, 277, 347) <sup>5</sup>                                                              |  | DWHXD White                      |
| DF                                                                                                                                                           | Double fuse (208, 240, 480) <sup>5</sup>                                                              |  | DBBTXD Textured Dark Bronze      |
| SPD20KV                                                                                                                                                      | 20KV Surge pack (10KV standard)                                                                       |  | DBLTXD Textured Black            |
| FAO                                                                                                                                                          | Field adjustable output <sup>9</sup>                                                                  |  | DNATXD Textured Natural Aluminum |
| DMG                                                                                                                                                          | 0-10V dimming extend out back of housing for external control (control ordered separate) <sup>9</sup> |  | DWHGXD Textured White            |
| <b>Shipped Installed</b>                                                                                                                                     |                                                                                                       |  |                                  |
| <b>*Standalone and Networked Sensors/Controls (factory default settings, see table page 9)</b>                                                               |                                                                                                       |  |                                  |
| NLTAIR2 PIRHN                                                                                                                                                | nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor <sup>9,12,13,14</sup>         |  |                                  |
| BAA                                                                                                                                                          | Buy America(n) Act and/or Build America Buy America Qualified                                         |  |                                  |
| CCE                                                                                                                                                          | Coastal Construction <sup>15</sup>                                                                    |  |                                  |
| <b>*Note: NLTAIR2 PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted.</b> |                                                                                                       |  |                                  |
| <b>Shipped Separately (requires some field assembly)</b>                                                                                                     |                                                                                                       |  |                                  |
| EGS                                                                                                                                                          | External glare shield <sup>7</sup>                                                                    |  |                                  |
| EGFV                                                                                                                                                         | External glare full visor (360° around light aperture) <sup>7</sup>                                   |  |                                  |
| BS                                                                                                                                                           | Bird spikes <sup>16</sup>                                                                             |  |                                  |



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Lithonia RSX1 Area LED  
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## Ordering Information

### Accessories

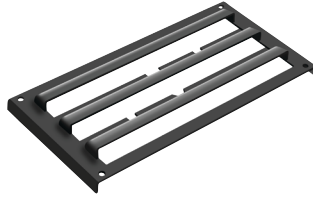
Ordered and shipped separately.

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| RSX1HS              | RSX1 House side shield (includes 1 shield)                                   |
| RSX1HSAFR U         | RSX1 House side shield for AFR rotated optics (includes 1 shield)            |
| RSX1EGS (FINISH) U  | External glare shield (specify finish)                                       |
| RSX1EGFV (FINISH) U | External glare full visor (specify finish)                                   |
| RSXRPA (FINISH) U   | RSX Universal round pole adaptor plate (specify finish)                      |
| RSXWBA (FINISH) U   | RSX WBA wall bracket (specify finish) <sup>1</sup>                           |
| RSXSCB (FINISH) U   | RSX Surface conduit box (specify finish, for use with WBA, WBA not included) |
| DLL127F 1.5 JU      | Photocell -SSL twist-lock (120-277V) <sup>17</sup>                           |
| DLL347F 1.5 CUL JU  | Photocell -SSL twist-lock (347V) <sup>17</sup>                               |
| DLL480F 1.5 CUL JU  | Photocell -SSL twist-lock (480V) <sup>17</sup>                               |
| DSHORT SBK U        | Shorting cap <sup>17</sup>                                                   |

### NOTES

- Any Type 5 distribution, is not available with WBA.
- 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).
- XVOLT driver not available with P1 or P2. XVOLT driver operates on any line voltage from 277V-480V (50/60 Hz). XVOLT not available with fusing (SF or DF) and not available with PE.
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Two or more of the following options cannot be combined including PE, DMG, PER7, FAO and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
- Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dimming signals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- CCE option not available with WBA, WBASC, AASP, AARP, AAWB, AAWBSC, EGS, EGFV and BS.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

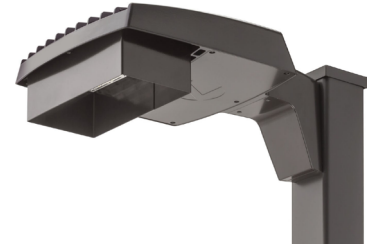
## External Shields



House Side Shield



External Glare Shield

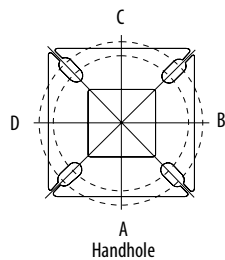


External 360 Full Visor

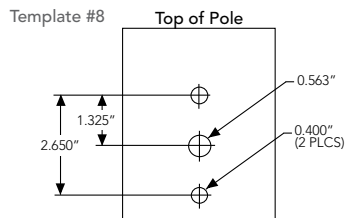
## Pole/Mounting Information

Accessories including bullhorns, cross arms and other adaptors are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

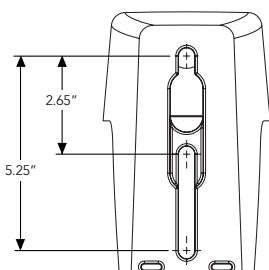
### HANDHOLE ORIENTATION



### RSX POLE DRILLING



### RSX STANDARD ARM & ADJUSTABLE ARM



### Round Tenon Mount - Pole Top Slipfitters

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

### Drill/Side Location by Configuration Type

| Drilling Template | Mounting Option    | Single | 2 @ 180    | 2 @ 90     | 3 @ 120         | 3 @ 90        | 4 @ 90           |
|-------------------|--------------------|--------|------------|------------|-----------------|---------------|------------------|
|                   | Head Location      | Side B | Side B & D | Side B & C | Round Pole Only | Side B, C & D | Side A, B, C & D |
| #8                | Drill Nomenclature | DM19AS | DM28AS     | DM29AS     | DM32AS          | DM39AS        | DM49AS           |

### RSX1 - 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 | 2 @ 90                                                                              | 2 @ 180                                                                               | 3 @ 90                                                                                | 3 @ 120                                                                               | 4 @ 90                                                                                | 2 Side by Side                                                                        | 3 Side by Side                                                                        | 4 Side by Side                                                                        |
|--------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Mounting Type                                                            | Tilt |        |  |  |  |  |  |  |  |  |
| SPA - Square Pole Adaptor                                                | 0 °  | 0.57   | 1.03                                                                                | 1.05                                                                                  | 1.52                                                                                  | 1.36                                                                                  | 2.03                                                                                  | 1.31                                                                                  | 1.7                                                                                   | 2.26                                                                                  |
| RPA - Round Pole Adaptor                                                 |      | 0.62   | 1.08                                                                                | 1.15                                                                                  | 1.62                                                                                  | 1.46                                                                                  | 2.13                                                                                  | 1.36                                                                                  | 1.8                                                                                   | 2.36                                                                                  |
| MA - Mast Arm Adaptor                                                    |      | 0.49   | 0.95                                                                                | 0.89                                                                                  | 1.36                                                                                  | 1.2                                                                                   | 1.87                                                                                  | 1.23                                                                                  | 1.54                                                                                  | 2.1                                                                                   |
|                                                                          |      |        |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| IS - Integral Slipfitter<br>AASP/AARP - Adjustable Arm Square/Round Pole | 0 °  | 0.57   | 1.03                                                                                | 1.05                                                                                  | 1.52                                                                                  | 1.36                                                                                  | 2.03                                                                                  | 1.31                                                                                  | 1.7                                                                                   | 2.26                                                                                  |
|                                                                          | 10°  | 0.68   | 1.34                                                                                | 1.33                                                                                  | 2                                                                                     | 1.74                                                                                  | 2.64                                                                                  | 1.35                                                                                  | 2.03                                                                                  | 2.71                                                                                  |
|                                                                          | 20°  | 0.87   | 1.71                                                                                | 1.73                                                                                  | 2.56                                                                                  | 2.26                                                                                  | 3.42                                                                                  | 1.75                                                                                  | 2.62                                                                                  | 3.49                                                                                  |
|                                                                          | 30°  | 1.24   | 2.19                                                                                | 2.3                                                                                   | 3.21                                                                                  | 2.87                                                                                  | 4.36                                                                                  | 2.49                                                                                  | 3.73                                                                                  | 4.97                                                                                  |
|                                                                          | 40°  | 1.81   | 2.68                                                                                | 2.98                                                                                  | 3.85                                                                                  | 3.68                                                                                  | 5.30                                                                                  | 3.62                                                                                  | 5.43                                                                                  | 7.24                                                                                  |
|                                                                          | 45°  | 2.11   | 2.92                                                                                | 3.44                                                                                  | 4.2                                                                                   | 4.08                                                                                  | 5.77                                                                                  | 4.22                                                                                  | 6.33                                                                                  | 8.44                                                                                  |
|                                                                          | 50°  | 2.31   | 3.17                                                                                | 3.72                                                                                  | 4.52                                                                                  | 4.44                                                                                  | 6.26                                                                                  | 4.62                                                                                  | 6.94                                                                                  | 9.25                                                                                  |
|                                                                          | 60°  | 2.71   | 3.66                                                                                | 4.38                                                                                  | 5.21                                                                                  | 5.15                                                                                  | 7.24                                                                                  | 5.43                                                                                  | 8.14                                                                                  | 10.86                                                                                 |
|                                                                          | 70°  | 2.78   | 3.98                                                                                | 4.54                                                                                  | 5.67                                                                                  | 5.47                                                                                  | 7.91                                                                                  | 5.52                                                                                  | 8.27                                                                                  | 11.03                                                                                 |
|                                                                          | 80°  | 2.76   | 4.18                                                                                | 4.62                                                                                  | 5.97                                                                                  | 5.76                                                                                  | 8.31                                                                                  | 5.51                                                                                  | 8.27                                                                                  | 11.03                                                                                 |
|                                                                          | 90°  | 2.73   | 4.25                                                                                | 4.64                                                                                  | 6.11                                                                                  | 5.91                                                                                  | 8.47                                                                                  | 5.45                                                                                  | 8.18                                                                                  | 10.97                                                                                 |



# WDGE2 LED

## Architectural Wall Sconce

### Precision Refractive Optic



Catalog  
Number

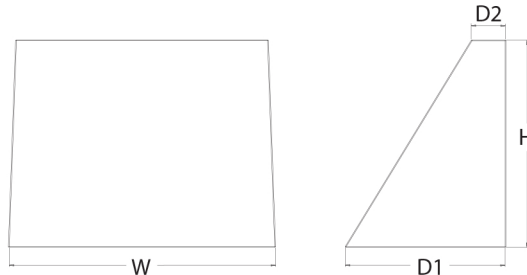
Notes **PLAINFIELD VPR**

Type **GARAGE LIGHT**

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

## Specifications

**Depth (D1):** 7"  
**Depth (D2):** 1.5"  
**Height:** 9"  
**Width:** 11.5"  
**Weight:** 13.5 lbs  
(without options)



## Introduction

The WDGE2 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE2 family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.



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

## WDGE LED Family Overview

| Luminaire | Optics               | Standard EM, 0°C | Cold EM, -20°C | Sensor              | Approximate Lumens (4000K, 80CRI) |        |        |        |        |        |        |
|-----------|----------------------|------------------|----------------|---------------------|-----------------------------------|--------|--------|--------|--------|--------|--------|
|           |                      |                  |                |                     | P0                                | P1     | P2     | P3     | P4     | P5     | P6     |
| WDGE1 LED | Visual Comfort       | 4W               |                | --                  | 750                               | 1,200  | 2,000  | --     | --     | --     | --     |
| WDGE2 LED | Visual Comfort       | 10W              | 18W            | Standalone / nLight | --                                | 1,200  | 2,000  | 3,000  | 4,500  | 6,000  | --     |
| WDGE2 LED | Precision Refractive | 10W              | 18W            | Standalone / nLight | 700                               | 1,200  | 2,000  | 3,200  | 4,200  | --     | --     |
| WDGE3 LED | Precision Refractive | 15W              | 18W            | Standalone / nLight | --                                | 7,500  | 8,500  | 10,000 | 12,000 | --     | --     |
| WDGE4 LED | Precision Refractive |                  |                | Standalone / nLight | --                                | 12,000 | 16,000 | 18,000 | 20,000 | 22,000 | 25,000 |

## Ordering Information

**EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD**

| Series    | Package         | Color Temperature |       | CRI                    | Distribution                                                                                                     | Voltage | Mounting                                                                                                                        |  |
|-----------|-----------------|-------------------|-------|------------------------|------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------|--|
| WDGE2 LED | P0 <sup>1</sup> | 27K               | 2700K | 40K 4000K              | 70CRI <sup>4</sup>                                                                                               | MVOLT   | <b>Shipped included</b>                                                                                                         |  |
|           | P1 <sup>2</sup> | 30K               | 3000K | 50K 5000K              | 80CRI                                                                                                            |         | <b>SRM</b> Surface mounting bracket                                                                                             |  |
|           | P2 <sup>2</sup> | 35K               | 3500K | AMB <sup>3</sup> Amber | LW <sup>3</sup> Limited Wavelength                                                                               |         | <b>ICW</b> Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>6</sup>                                        |  |
|           | P3 <sup>2</sup> |                   |       |                        |                                                                                                                  |         | <b>AWS</b> 3/8inch Architectural wall spacer <sup>7</sup>                                                                       |  |
|           | P4 <sup>2</sup> |                   |       |                        |                                                                                                                  |         | <b>PBBW</b> Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available <sup>7</sup> |  |
|           |                 |                   |       |                        | T1S Type I Short<br>T2M Type II Medium<br>T3M Type III Medium<br>T4M Type IV Medium<br>TFTM Forward Throw Medium |         |                                                                                                                                 |  |

| Options |                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Finish                    |                      |
|---------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|
| E10WH   | Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)                                       | <b>Standalone Sensors/Controls</b><br><br>PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.<br><br>PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching<br><br>PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.<br>PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.<br><br><b>Networked Sensors/Controls</b><br><br>NLTAIR2 PIR Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.<br>NLTAIR2 PIRH Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.<br>NLTAIREM2 PIR Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights<br>NLTAIREM2 PIRH Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.<br><br>See page 4 for out of box functionality | DDBXD                     | Dark bronze          |
| E20WC   | Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DBLXD                     | Black                |
| PE      | Photocell, Button Type <sup>8</sup>                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DNAXD                     | Natural aluminum     |
| DMG     | 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>9</sup> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DWHXD                     | White                |
| BCE     | Bottom conduit entry for back box (PBBW). Total of 4 entry points.                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DSSXD                     | Sandstone            |
| CCE     | Coastal Construction <sup>7</sup>                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DBDTXD                    | Textured dark bronze |
|         |                                                                                                                | DBLBXD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Textured black            |                      |
|         |                                                                                                                | DNATXD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Textured natural aluminum |                      |
|         |                                                                                                                | DWHGXD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Textured white            |                      |
|         |                                                                                                                | DSSTXD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Textured sandstone        |                      |



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WDGE2 LED  
Rev. 07/07/25

## Accessories

Ordered and shipped separately.

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| WDGEAWS DDBXD U   | WDGE 3/8inch Architectural Wall Spacer (specify finish) |
| WDGE2PBBW DDBXD U | WDGE2 surface-mounted back box (specify finish)         |

### NOTES

- 1 P0 option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 For PBBW and AWS with CCE option, require an RFA.
- 8 PE not available in 480V or with sensors/controls.
- 9 DMG option not available with sensors/controls.

## 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 the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Dist. Type | 27K (2700K, 80 CRI) |     |   |   |   | 30K (3000K, 80 CRI) |     |   |   |   | 40K (4000K, 80 CRI) |     |   |   |   | 50K (5000K, 80 CRI) |     |   |   |   | Amber (Limited Wavelength) |     |   |   |   |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|----------------------------|-----|---|---|---|
|                     |              |            | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens                     | LPW | B | U | G |
| P0                  | 7W           | T1S        | 636                 | 92  | 0 | 0 | 0 | 666                 | 97  | 0 | 0 | 0 | 699                 | 101 | 0 | 0 | 1 | 691                 | 100 | 0 | 0 | 1 | 712                        | 47  | 0 | 0 | 1 |
|                     |              | T2M        | 662                 | 96  | 0 | 0 | 0 | 693                 | 101 | 0 | 0 | 0 | 728                 | 106 | 0 | 0 | 0 | 719                 | 104 | 0 | 0 | 0 | 741                        | 48  | 0 | 0 | 0 |
|                     |              | T3M        | 662                 | 96  | 0 | 0 | 0 | 693                 | 101 | 0 | 0 | 0 | 728                 | 106 | 0 | 0 | 0 | 719                 | 104 | 0 | 0 | 0 | 741                        | 48  | 0 | 0 | 0 |
|                     |              | T4M        | 648                 | 94  | 0 | 0 | 0 | 679                 | 98  | 0 | 0 | 0 | 712                 | 103 | 0 | 0 | 0 | 704                 | 102 | 0 | 0 | 0 | 726                        | 47  | 0 | 0 | 0 |
|                     |              | TFTM       | 652                 | 95  | 0 | 0 | 0 | 683                 | 99  | 0 | 0 | 0 | 717                 | 104 | 0 | 0 | 0 | 708                 | 103 | 0 | 0 | 0 | 730                        | 48  | 0 | 0 | 1 |
| P1                  | 11W          | T1S        | 1,105               | 99  | 0 | 0 | 1 | 1,157               | 104 | 0 | 0 | 1 | 1,215               | 109 | 0 | 0 | 1 | 1,200               | 107 | 0 | 0 | 1 |                            |     |   |   |   |
|                     |              | T2M        | 1,150               | 103 | 0 | 0 | 1 | 1,204               | 108 | 0 | 0 | 1 | 1,264               | 113 | 0 | 0 | 1 | 1,249               | 112 | 0 | 0 | 1 |                            |     |   |   |   |
|                     |              | T3M        | 1,150               | 103 | 0 | 0 | 1 | 1,205               | 108 | 0 | 0 | 1 | 1,265               | 113 | 0 | 0 | 1 | 1,250               | 112 | 0 | 0 | 1 |                            |     |   |   |   |
|                     |              | T4M        | 1,126               | 101 | 0 | 0 | 1 | 1,179               | 106 | 0 | 0 | 1 | 1,238               | 111 | 0 | 0 | 1 | 1,223               | 110 | 0 | 0 | 1 |                            |     |   |   |   |
|                     |              | TFTM       | 1,133               | 101 | 0 | 0 | 1 | 1,186               | 106 | 0 | 0 | 1 | 1,245               | 112 | 0 | 0 | 1 | 1,230               | 110 | 0 | 0 | 1 |                            |     |   |   |   |
| P2                  | 19W          | T1S        | 1,801               | 95  | 1 | 0 | 1 | 1,886               | 99  | 1 | 0 | 1 | 1,981               | 104 | 1 | 0 | 1 | 1,957               | 103 | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T2M        | 1,875               | 99  | 1 | 0 | 1 | 1,963               | 103 | 1 | 0 | 1 | 2,061               | 109 | 1 | 0 | 1 | 2,037               | 107 | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T3M        | 1,876               | 99  | 1 | 0 | 1 | 1,964               | 103 | 1 | 0 | 1 | 2,062               | 109 | 1 | 0 | 1 | 2,038               | 107 | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T4M        | 1,836               | 97  | 1 | 0 | 1 | 1,922               | 101 | 1 | 0 | 1 | 2,018               | 106 | 1 | 0 | 1 | 1,994               | 105 | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | TFTM       | 1,847               | 97  | 1 | 0 | 1 | 1,934               | 102 | 1 | 0 | 1 | 2,030               | 107 | 1 | 0 | 1 | 2,006               | 106 | 1 | 0 | 1 |                            |     |   |   |   |
| P3                  | 32W          | T1S        | 2,809               | 87  | 1 | 0 | 1 | 2,942               | 92  | 1 | 0 | 1 | 3,089               | 96  | 1 | 0 | 1 | 3,052               | 95  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T2M        | 2,924               | 91  | 1 | 0 | 1 | 3,062               | 95  | 1 | 0 | 1 | 3,215               | 100 | 1 | 0 | 1 | 3,176               | 99  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T3M        | 2,925               | 91  | 1 | 0 | 1 | 3,063               | 95  | 1 | 0 | 1 | 3,216               | 100 | 1 | 0 | 1 | 3,177               | 99  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T4M        | 2,862               | 89  | 1 | 0 | 1 | 2,997               | 93  | 1 | 0 | 1 | 3,147               | 98  | 1 | 0 | 1 | 3,110               | 97  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | TFTM       | 2,880               | 90  | 1 | 0 | 1 | 3,015               | 94  | 1 | 0 | 1 | 3,166               | 99  | 1 | 0 | 1 | 3,128               | 97  | 1 | 0 | 1 |                            |     |   |   |   |
| P4                  | 47W          | T1S        | 3,729               | 80  | 1 | 0 | 1 | 3,904               | 84  | 1 | 0 | 1 | 4,099               | 88  | 1 | 0 | 1 | 4,051               | 87  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T2M        | 3,881               | 83  | 1 | 0 | 1 | 4,063               | 87  | 1 | 0 | 1 | 4,267               | 91  | 1 | 0 | 1 | 4,216               | 90  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T3M        | 3,882               | 83  | 1 | 0 | 1 | 4,065               | 87  | 1 | 0 | 1 | 4,268               | 91  | 1 | 0 | 1 | 4,217               | 90  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | T4M        | 3,799               | 81  | 1 | 0 | 1 | 3,978               | 85  | 1 | 0 | 1 | 4,177               | 90  | 1 | 0 | 1 | 4,127               | 88  | 1 | 0 | 1 |                            |     |   |   |   |
|                     |              | TFTM       | 3,822               | 82  | 1 | 0 | 1 | 4,002               | 86  | 1 | 0 | 1 | 4,202               | 90  | 1 | 0 | 1 | 4,152               | 89  | 1 | 0 | 1 |                            |     |   |   |   |

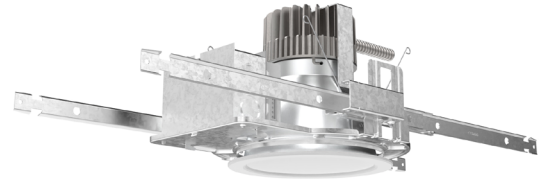
| Performance Package | System Watts | Dist. Type | 27K (2700K, 70 CRI) |     |   |   |   | 30K (3000K, 70 CRI) |     |   |   |   | 40K (4000K, 70 CRI) |     |   |   |   | 50K (5000K, 70 CRI) |     |   |   |   |
|---------------------|--------------|------------|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|---------------------|-----|---|---|---|
|                     |              |            | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G | Lumens              | LPW | B | U | G |
| P0                  | 7W           | T3M        | 737                 | 107 | 0 | 0 | 0 | 763                 | 111 | 0 | 0 | 0 | 822                 | 119 | 0 | 0 | 0 | 832                 | 121 | 0 | 0 | 1 |
|                     |              | T4M        | 721                 | 105 | 0 | 0 | 0 | 746                 | 108 | 0 | 0 | 0 | 804                 | 117 | 0 | 0 | 1 | 814                 | 118 | 0 | 0 | 1 |
| P1                  | 11W          | T3M        | 1,280               | 115 | 0 | 0 | 1 | 1,325               | 119 | 0 | 0 | 1 | 1,427               | 128 | 1 | 0 | 1 | 1,445               | 129 | 1 | 0 | 1 |
|                     |              | T4M        | 1,253               | 112 | 0 | 0 | 1 | 1,297               | 116 | 0 | 0 | 1 | 1,397               | 125 | 0 | 0 | 1 | 1,415               | 127 | 0 | 0 | 1 |
| P2                  | 19W          | T3M        | 2,087               | 110 | 1 | 0 | 1 | 2,160               | 114 | 1 | 0 | 1 | 2,327               | 123 | 1 | 0 | 1 | 2,357               | 124 | 1 | 0 | 1 |
|                     |              | T4M        | 2,042               | 108 | 1 | 0 | 1 | 2,114               | 111 | 1 | 0 | 1 | 2,278               | 120 | 1 | 0 | 1 | 2,306               | 121 | 1 | 0 | 1 |
| P3                  | 32W          | T3M        | 3,254               | 101 | 1 | 0 | 1 | 3,369               | 105 | 1 | 0 | 1 | 3,629               | 113 | 1 | 0 | 1 | 3,675               | 114 | 1 | 0 | 1 |
|                     |              | T4M        | 3,185               | 99  | 1 | 0 | 1 | 3,297               | 103 | 1 | 0 | 1 | 3,552               | 111 | 1 | 0 | 1 | 3,597               | 112 | 1 | 0 | 1 |
| P4                  | 47W          | T3M        | 4,319               | 93  | 1 | 0 | 1 | 4,471               | 96  | 1 | 0 | 1 | 4,817               | 103 | 1 | 0 | 2 | 4,878               | 105 | 1 | 0 | 2 |
|                     |              | T4M        | 4,227               | 91  | 1 | 0 | 1 | 4,376               | 94  | 1 | 0 | 2 | 4,714               | 101 | 1 | 0 | 2 | 4,774               | 102 | 1 | 0 | 2 |



## General Illumination Shower Downlight

6"

VILLAGE AT PLANK ROAD  
UNDER ENTRY CANOPY



### Feature Set

- Wipe down flush or regressed lens
- NSF2 Splash/Non-food Zone
- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 MacAdam ellipse; 85 CRI typical, 90+ CRI optional
- IP66 rated room-side, Fixtures are wet location, covered ceiling
- Anti-microbial paint finish, optional
- Non-conductive dead-front trim
- Suitable for steam room application
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. [UGR FAQ](#)

### Distribution



### Superior Performance (Flush, Clear Lens)

| Nominal Lumens | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 |
|----------------|------|------|------|------|------|------|------|------|
| Delivered      | 857  | 1274 | 1729 | 2187 | 2624 | 3062 | 3499 | 3745 |
| Wattage        | 9.6  | 14.7 | 19.7 | 24.7 | 29.5 | 33.8 | 39.0 | 48.6 |
| Efficacy       | 89.3 | 86.7 | 87.8 | 88.5 | 88.9 | 90.6 | 89.7 | 52.0 |

\*Lumen output for 80CRI - 3500K

### Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

### Core



### Healthcare



### Special Applications



ORDERING INFORMATION

Luminaire Type:

Catalog Number:

EXAMPLE: EV06SH 35/20 DFF SOL MVOLT EZ1

| Series              | Color Temperature                                    |                   | Nominal Lumen Values |                                                 | Lens Setting       |                                                                                           | Lens  |                                       | Voltage             |
|---------------------|------------------------------------------------------|-------------------|----------------------|-------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------|-------|---------------------------------------|---------------------|
| EV06SH              | 27/                                                  | 2700 K            | 10                   | 1000 lumens                                     | DFR                | Regressed lensed white painted trim                                                       | SOL   | Textured Lens                         | MVOLT<br>120<br>277 |
|                     | 30/                                                  | 3000 K            | 15                   | 1500 lumens                                     | DFF                | Flush lensed white painted trim                                                           | SMO   | Smooth Clear Lens                     |                     |
|                     | 35/                                                  | 3500 K            | 20                   | 2000 lumens                                     | DFRBR              | Regressed lensed black painted trim                                                       |       |                                       |                     |
|                     | 40/                                                  | 4000 K            | 25                   | 2500 lumens                                     | DFFBR              | Flush lensed black painted trim                                                           |       |                                       |                     |
|                     | 50/                                                  | 5000 K            | 30                   | 3000 lumens                                     | DFRAMF             | Regressed lensed trim with anti-microbial finish                                          |       |                                       |                     |
|                     |                                                      |                   | 35                   | 3500 lumens                                     | DFFAMF             | Flush lensed trim with anti-microbial finish                                              |       |                                       |                     |
|                     |                                                      |                   | 40                   | 4000 lumens                                     |                    |                                                                                           |       |                                       |                     |
|                     |                                                      |                   | 45                   | 4500 lumens                                     |                    |                                                                                           |       |                                       |                     |
|                     |                                                      |                   |                      |                                                 |                    |                                                                                           |       |                                       |                     |
| Driver <sup>1</sup> |                                                      | Control Interface |                      | Emergency                                       |                    | Options                                                                                   |       |                                       |                     |
| EZ1                 | eldoLED 0-10V ECOdrive. Linear dimming to 1% min.    |                   | NLT <sup>2</sup>     | nLight™ dimming pack controls                   | (blank)            | no emergency option                                                                       | SF    | Single fuse. Specify 120V or 277V.    |                     |
| EZB                 | eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. |                   | NLTER <sup>2,3</sup> | nLight™ dimming pack controls emergency circuit | E10WR <sup>4</sup> | Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch | 90CRI | High CRI (90+).                       |                     |
| EDAB                | eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.  |                   |                      |                                                 | GTD                | Generator transfer device. Specify 120V or 277V.                                          | CP    | Chicago Plenum. Specify 120V or 277V. |                     |

ACCESSORIES — order as separate catalog numbers (shipped separately)

|           |                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCA6      | Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA8 10D. Refer to <a href="#">TECH-190</a> .                           |
| CTA EV06  | 6" Aperture ceiling thickness adapter, for up to 8,000LM (extends mounting frame to accommodate ceiling thickness up to 5").                                         |
| CTA4-8 YK | 4"-8" Aperture ceiling thickness adapter for use with EDXB or CP up to 8,000LM, or nTune options (extends mounting frame to accommodate ceiling thickness up to 5"). |
| ISD BC    | 0-10V wallbox dimmer. Refer to <a href="#">ISD-BC</a> .                                                                                                              |

ORDERING NOTES

1. Refer to [TECH-240](#) for compatible dimmers.
2. Specify voltage.
3. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
4. Not available with CP option.

## Optical Assembly

Fully serviceable and upgradeable lensed LED light engine, both the driver and light engine are suitable for field maintenance and are serviceable from above or below the ceiling.

Unitized optics shall have mechanical attachment of the light engine to the lower reflector for complete optical alignment.

## Electrical

The luminaire shall operate from a 50 or 60 Hz  $\pm 3$  Hz AC line over a voltage ranging from 120 VAC to 277 VAC. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.

Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.

Input wires shall be 18AWG, 300V minimum, solid copper. All drivers are ROHS compliant.

## Controls

Luminaire shall be equipped with interface for nLight wired network with integral power supply as per specification.

## Dimming

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

## Construction

Luminaire housing shall be constructed of 16-gauge galvanized steel and have preinstalled telescopic mounting bars with maximum 32" and minimum 15" extension and 4" vertical adjustment.

luminaires shall be suitable for installation in ceilings up to 1½" thick. (specify ceiling thickness adapter to extend frame to accommodate ceiling thickness up to 5").

Tool-less adjustments shall be possible after installation.

The assembly and manufacturing process for the luminaire shall be designed to assure all internal components are adequately supported to withstand mechanical shock and vibration.

25°C ambient temperature standard (1/2" clearance on all sides from non-combustible materials in non-IC applications, unless marked spacing noted otherwise). For use in insulated ceilings, a 3" clearance on all sides from insulation is required (unless marked spacing noted otherwise).

## Listings

Fixtures are CSA certified to meet US and Canadian standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, wet location covered ceiling.

## Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations

BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

## Photometrics

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 60,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by a point at the intersection of the CCT line and the black body locus line in CIE chromaticity space.

## 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.

## 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 capability with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).