gotham® | EVO®

Multiple Layers of Light

Luminaire Type:

Catalog Number:

BAA

ENERGY STAR

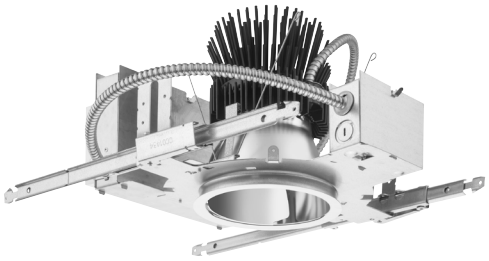
# General Illumination Open Wallwash 6"

OVERVIEW

## Feature Set

- Bounding Ray™ optical design
- Unitized optics mechanically attach the light engine to the lower reflector for complete optical alignment.
- 45° cutoff to source and source image
- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Fixtures are wet location, covered ceiling
- Available with 10% dimming, 1% dimming, or dim to dark
- Wallwash enables uniformity from floor to ceiling
- ENERGY STAR® certified product*

250 - 8,000 lumens



10,000 - 17,500 lumens

## Distribution

wallwash

## Superior Perfomance

| Nominal Lumens | 250 | 500 | 750 | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 | 4500 | 5000 | 6000 | 8000 | 10,000 | 12,000 | 15,000 | 17,500 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Delivered Lumens | 301 | 527 | 787 | 1008 | 1497 | 2035 | 2574 | 3121 | 3593 | 4086 | 4599 | 5336 | 6386 | 8405 | 11035 | 12502 | 15372 | 18468 |
| Wattage | 3.4 | 6.2 | 8.2 | 9.6 | 14.7 | 19.7 | 24.7 | 29.5 | 33.8 | 39.0 | 47.3 | 48.7 | 57.6 | 74.9 | 97.1 | 115.0 | 150.9 | 175.3 |
| Lumens per Watt | 88.5 | 85.0 | 96.0 | 105.0 | 101.8 | 103.3 | 104.2 | 105.8 | 106.3 | 104.8 | 97.2 | 109.6 | 110.9 | 112.2 | 113.6 | 108.7 | 101.9 | 105.4 |

COMPLIMENTARY PRODUCTS

## Coordinated Apertures | Multiple Layers of Light

General Illumination Layer | EVO

High Center Beam Layer | Incito

EVO + Incito — Multiple Layers of Light

**Core**

Downlight | Adjustable | Open Wallwash | Lensed Wallwash | Cylinder | Pinhole | Bevel | Hyperbolic

**Healthcare**

MRI | Surgical Suite | Patient Room

**Special Applications**

Dynamic | Food Service | Vandal/Tamper | Clean Room | Shower | Steam Room



GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com

ORDERING INFORMATION

Luminaire Type:

Catalog Number:

**EXAMPLE: EV06WW 35/150 6AR LSS MVOLT EZ1**

| Series | Color Temperature | Nominal Lumen Values | Reflector & Flange Color | Trim Style | Finish |
|---|---|---|---|---|---|
| **EV06WW** | **27/** 2700 K | **02** 250 lumens | **40** 4000 lumens | **AR** Clear | **(blank)** Self-flanged | **LSS** Semi-specular |
| **EV06CWW** | **30/** 3000 K | **05** 500 lumens | **45** 4500 lumens | **PR** Pewter | | **LD** Matte-diffuse |
| **EV06DWW** | **35/** 3500 K | **07** 750 lumens | **50** 5000 lumens | **WTR** Wheat | | **LS** Specular |
| | **40/** 4000 K | **10** 1000 lumens | **60** 6000 lumens | **GR** Gold | | |
| | **50/** 5000 K | **15** 1500 lumens | **80** 8000 lumens | **WR**[1] White | | |
| | | **20** 2000 lumens | **100** 10000 lumens | **BR**[1] Black | | |
| | | **25** 2500 lumens | **120** 12000 lumens | **WRAMF**[1] White Anti-microbial | | |
| | | **30** 3000 lumens | **150** 15000 lumens | | | |
| | | **35** 3500 lumens | **175** 17500 lumens | | | |

| Voltage | Driver[4] | |
|---|---|---|
| **MVOLT** | **GZ10** 0-10V driver dims to 10% | **EDAB**[5] eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. |
| **120** | **GZ1** 0-10V driver dims to 1% | **EDXB**[5] eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR Manual. Minimum 1000 lumens/Maximum 15000 lumens. |
| **277** | **EZ10** eldoLED 0-10V ECOdrive. Linear dimming to 10% min. | |
| **347**[2,3] | **EZ1** eldoLED 0-10V ECOdrive. Linear dimming to 1% min. | **ECOD**[5] Lutron Ecosystem digital Hi-Lume 1% soft-on, fade to black. Not available in 4500, 5000 or 17500 lumens. |
| | **EZB** eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. | |

| Control Interface | | Options | | | |
|---|---|---|---|---|---|
| **NLT**[6] | nLight® dimming pack controls | **SF** | Single fuse. Specify 120V or 277V. | **N80**[10] | nLight® Lumen Compensation |
| **NLTER**[2,6,9] | nLight® dimming pack controls emergency circuit | **TRW**[7] | White painted flange | **BGTD** | Bodine generator transfer device. Specify 120V or 277V. |
| **NLTAIR2**[13,14] | nLight® AIR enabled | **TRBL**[8] | Black painted flange | **90CRI** | High CRI (90+) |
| **NLTAIRER2**[2,9,13] | nLight® AIR enabled emergency | **EL** | Emergency battery pack, 10W, with integral test switch | **CP**[11] | Chicago plenum. Specify 120V or 277V for 5000lm and above. |
| **NLTAIREM2**[2,13] | nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit with battery pack options. | **ELR** | Emergency battery pack, 10W, with remote test switch | **HAO**[12] | HAO High Ambient Option (40°C) |
| | | **ELSD** | Emergency battery pack, 10W, with sefl-diagnostics, integral test switch | **RRL_** | RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature |
| | | **ELRSD** | Emergency battery pack, 10W, with self-diagnostics, remote test switch | | |
| | | **E10WCP** | Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch | | |
| | | **E10WCPR** | Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch | | |

**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: SCA6 10D. Refer to TECH-190. |
| **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"). |
| **CTA4-8 YKHL** | 6" Aperture ceiling thickness adapter, for 10,000LM and up (extends mounting frame to accommodate ceiling thickness up to 5"). For use with CWW/DWW trims, EDXB, CP or nTune options. |
| **ISD BC** | 0-10V wallbox dimmer. Refer to ISD-BC. |

**ORDERING NOTES**

1. Not available with finishes.
2. Not available with GZ10, GZ1, EL or ELR options.
3. Supplied with factory installed step down transformer. Max 5000LM.
4. Refer to TECH-240 for compatible dimmers.
5. Not available with nLight® and XPoint options.
6. Specify voltage 120V or 277V.
7. For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with WR (white reflector) or FL (flangeless) option.
8. For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with BR (black reflector) or FL (flangeless) option.
9. ER for use with generator supply power. Will require an emergency hot feed and normal hot feed.
10. Fixture begins at 80% light level. Must be specified with NLT or NLTER. Only available with EZ10 and EZ1 drivers.
11. 12,000lm max with EL or nLight® options. 5,000lm max with Lutron drivers combined with EL. Not available with ELR, HAO, EXA1, or EXAB options.
12. Only available 5000lm - 15,000lm with eldoLED drivers.
13. Not available DALI or DMX drivers. Not available with CP or N80 options. Not recommended for metal ceiling installations.
14. When combined with the EZ1, EZ10, or EZB option, normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.

SPECIFICATIONS

### Optical Assembly
Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling.
Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top-down flash characteristic for superior glare control.
Unitized optics shall have mechanical attachment of the light engine to the lower reflector for complete optical alignment.
Wallwash enables uniformity from floor to ceiling. Smooth, balanced illumination optimized for ceilings of 8' to 12' with recommended spacing of 3' from wall and 3' centers.

### Electrical
The luminaire shall operate from a 50 or 60 Hz ±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.

### Controls
Luminaire shall be equipped with interface for nLight wired or wireless 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). 40°C high ambient optional.

### 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. Luminaire configurations are Energy Star certified through testing in EPA–recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.
*Not all configurations are Energy Star listed.

### Buy American Act
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to https://www.acuitybrands.com/resources/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

### 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 provided 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 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.

| Marked Spacing in Inches 25°C Ambient | | | |
|---|---|---|---|
| Lumen Package | Fixed Center to Center MIN | Fixture Center to Building Member MIN | Space Above Fixture |
| 250-5000 | None | None | None |
| 6000 | 24 | 12 | 5 |
| 8000 | 36 | 18 | 11 |
| 10000 | | | 9 |
| 12000 | | | |
| 15000 | | | |
| 17500 | 72 | 36 | |

| Marked Spacing in Inches 40°C Ambient | | | |
|---|---|---|---|
| Lumen Package | Fixed Center to Center MIN | Fixture Center to Building Member MIN | Space Above Fixture |
| 5000 | 24 | 12 | 5 |
| 6000 | | | |
| 8000 | 48 | 24 | 9 |
| 10000 | | | |
| 12000 | | | |
| 15000 | 72 | 36 | 9 |

| Marked Spacing Chicago Plenum Open Frame in Inches 25°C Ambient | | | |
|---|---|---|---|
| Lumen Package | Fixed Center to Center MIN | Fixture Center to Building Member MIN | Space Above Fixture |
| 250-5000 | None | None | None |
| 6000 | 24 | 12 | 5 |
| 8000 | 36 | 18 | 11 |
| 10000 | | | 9 |
| 12000 | | | |
| 15000 | | | |
| 17500 | 72 | 36 | |

| Marked Spacing Chicago Plenum Enclosure in Inches 25°C Ambient | | | |
|---|---|---|---|
| Lumen Package | Fixed Center to Center MIN | Fixture Center to Building Member MIN | Space Above Fixture |
| 250-6000 | None | None | None |
| 8000 | 36 | 18 | 6 |
| 10000 | 48 | 24 | 3 |
| 12000 | | | |

| EVO - eldoLED Driver Default Dimming Curve | | | |
|---|---|---|---|
| Nomenclature | Min Dimming | Driver Dim Curve | Control Dim Curve |
| EZ10 | 10% | Linear | Linear/Logarithmic |
| EZ1 | 1% | Linear | Linear/Logarithmic |
| EXA1 | 1% | Linear | Linear/Logarithmic |
| EZB | <1% | Logarithmic | Linear |
| EDAB | <1% | Logarithmic | Linear |
| EXAB | <1% | Logarithmic | Linear |
| EDXB | <1% | Square | Linear |

| Driver | | Control Provided (note: 347V/UVOLT versions provided with 347 option selected) | | | |
|---|---|---|---|---|---|
| Nomenclature | Description | NLT | NLTER | NLTAIR2 | NLTAIRER2 |
| GZ10 | 0-10V driver dims to 10% | nPP16 D EFP | nPP16 D ER EFP | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| GZ1 | 0-10V driver dims to 1% | nPP16 D EFP | nPP16 D ER EFP | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZ10 | eldoLED 0-10V ECOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZ1 | eldoLED 0-10V ECOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |
| EZB | eldoLED 0-10V SOLOdrive | nPS 80 EZ | nPS 80 EZ ER | RPP20 D 24V G2 | RPP20 D 24V ER G2 |

## How to Estimate Delivered Lumens in Emergency Mode

**Delivered Lumens = 1.25 x P x LPW**

P = Output power of emergency driver. P = 10W for PS1055CP

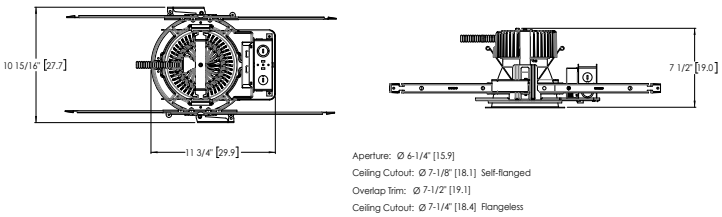
LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

DIMENSIONAL DATA

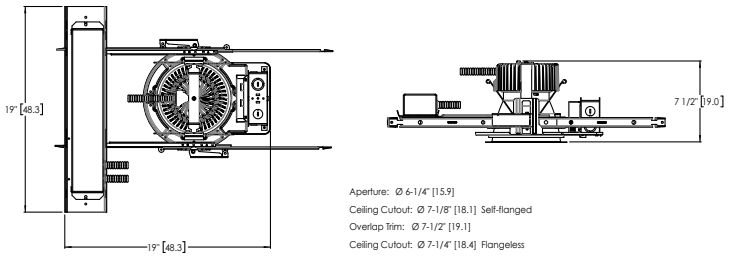
*Dimensions in inches [centimeters]

| | |
|---|---|
| Aperture: 61/4" [15.9)] | Ceiling Opening: 71/8" [18.1] self-flanged |
| Overlap Trim: 71/2" [19.1] | 71/4" [18.4] flangeless |

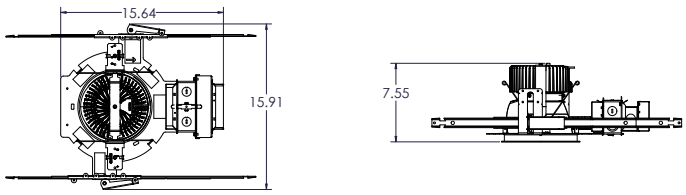
## 250LM-5000LM Standard



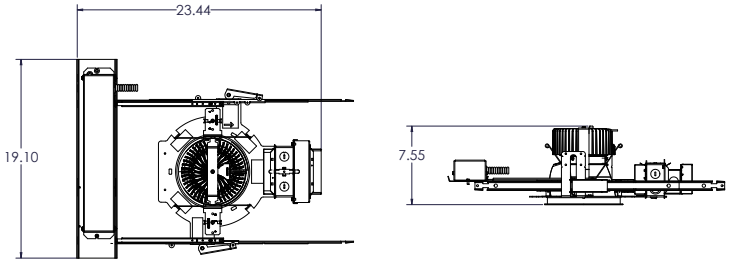

## 250LM-5000LM Battery Pack



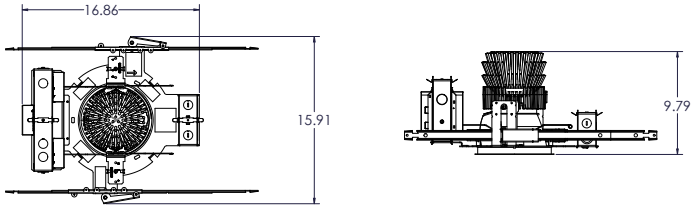

## 5,000LM-8,000LM Standard



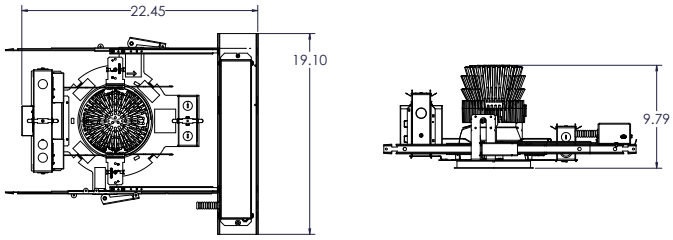

## 5,000LM-8,000LM Battery Pack




## 10,000LM-17,500LM Standard




## 10,000LM-17,500LM Battery Pack

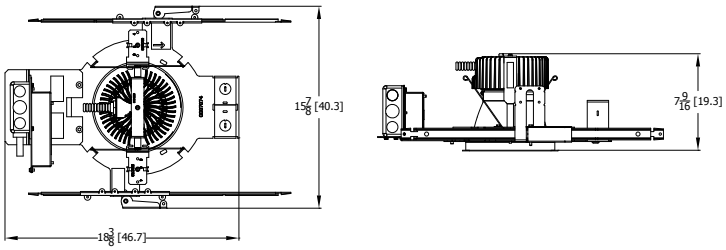




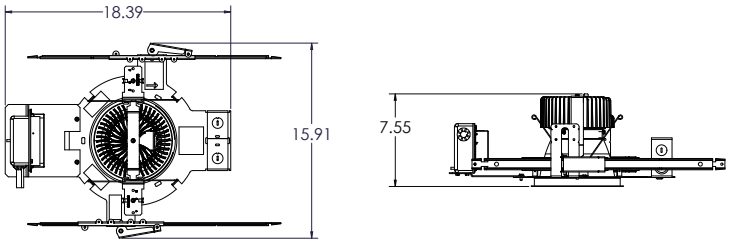



gotham®

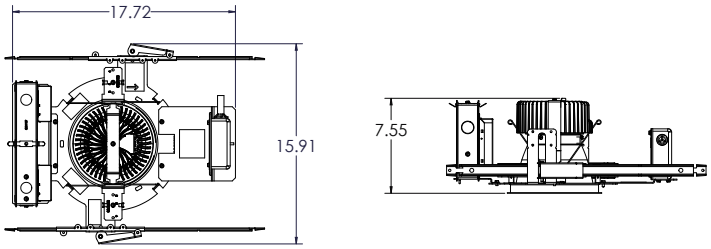
## 250LM-4,500LM Open Frame CP



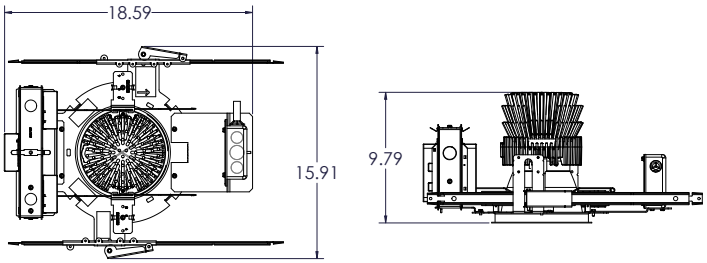

## 5,000LM Open Frame CP



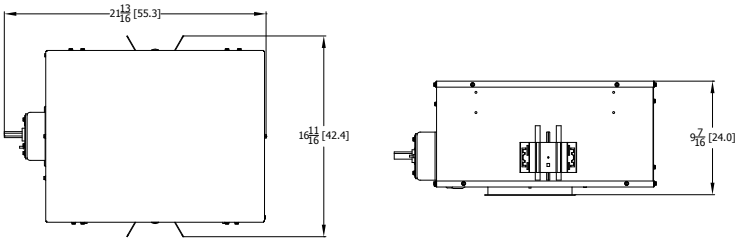

## 5,000LM-8,000LM Open Frame CP with Lutron or eldoLED POWERdrive



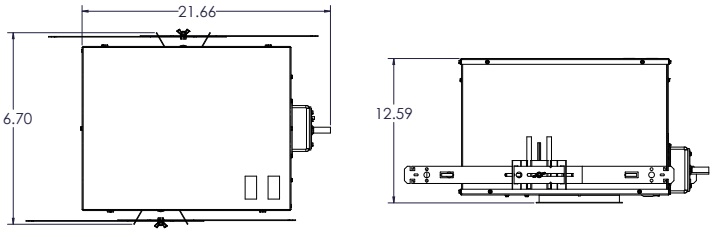

## 10,000 - 17,500 Lumen Open Frame CP



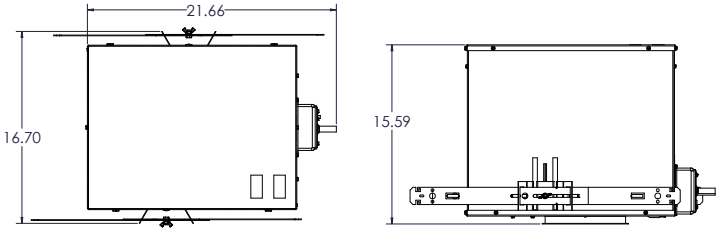

## 250LM-6,000LM Enclosed CP for use with nLight™ and/or Battery Pack




## 8,000LM Enclosed CP for nLight or Battery Pack

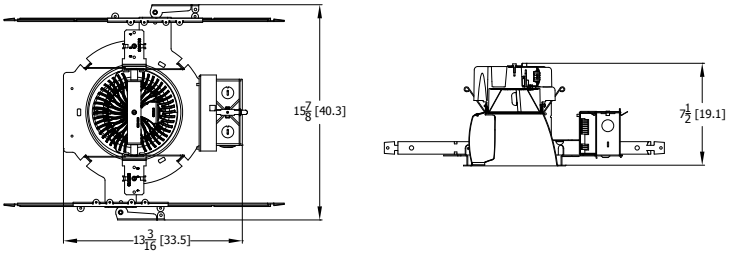



## 10,000LM-12,000LM Enclosed CP for nLight or Battery Pack

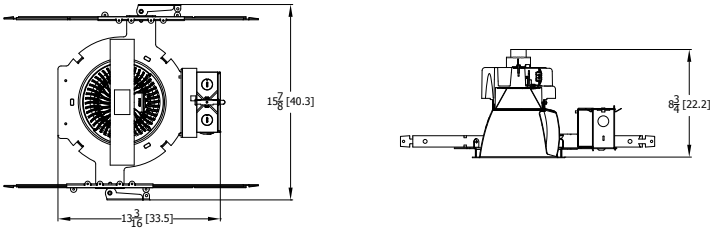


DIMENSIONAL DATA

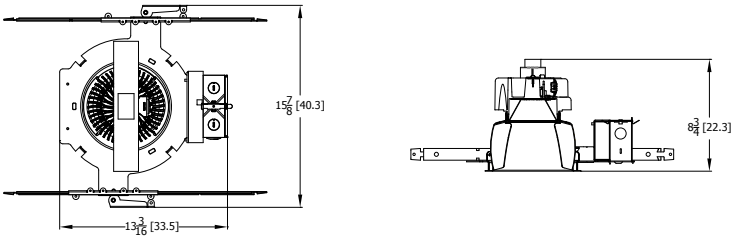
## EV06WW




## EV06CWW

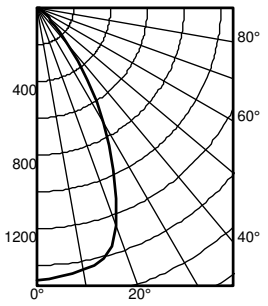



## EV06DWW



Photometry

## EV06WW 35/15 AR LS INPUT WATTS: 14.7, DELIVERED LUMENS: 1496.7LM, LPW= 102, 0.75 S/MH, TEST NO. LTL27747P397



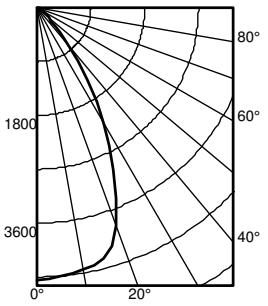

| | Ave | Lumens |
|---|---|---|
| 0 | 1485 | |
| 5 | 1468 | 139 |
| 15 | 1410 | 391 |
| 25 | 975 | 448 |
| 35 | 478 | 299 |
| 45 | 139 | 114 |
| 55 | 60 | 56 |
| 65 | 34 | 34 |
| 75 | 12 | 13 |
| 85 | 3 | 3 |
| 90 | 1 | |

| Zone | Lumens | % Lamp |
|---|---|---|
| 0° - 30° | 978.2 | 65.4 |
| 0° - 40° | 1276.9 | 85.3 |
| 0° - 60° | 1446.7 | 96.7 |
| 0° - 90° | 1496.7 | 100.0 |
| 90° - 180° | 0.0 | 0.0 |
| 0° - 180° | 1496.7 | *100.0 |

*Efficiency

| | | 50% beam - 49.5° | | 10% beam - 77.4° | |
|---|---|---|---|---|---|
| Mounting Height | Inital FC Center Beam | Diameter | FC | Diameter | FC |
| 8.0 | 49.1 | 5.1 | 24.5 | 8.8 | 4.9 |
| 10.0 | 26.4 | 6.9 | 13.2 | 12.0 | 2.6 |
| 12.0 | 16.5 | 8.8 | 8.2 | 15.2 | 1.6 |
| 14.0 | 11.2 | 10.6 | 5.6 | 18.4 | 1.1 |
| 16.0 | 8.1 | 12.4 | 4.1 | 21.6 | 0.8 |

## EV06WW 35/45 AR LS INPUT WATTS: 47.3, DELIVERED LUMENS: 4599.8LM, LPW= 97.2, 0.75 S/MH, TEST NO. LTL27747P437



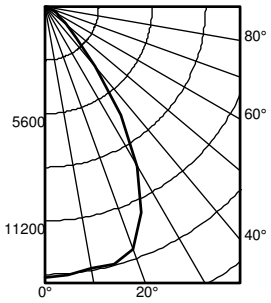

| | Ave | Lumens |
|---|---|---|
| 0 | 4564 | |
| 5 | 4513 | 428 |
| 15 | 4333 | 1202 |
| 25 | 2997 | 1377 |
| 35 | 1470 | 918 |
| 45 | 426 | 351 |
| 55 | 185 | 171 |
| 65 | 105 | 104 |
| 75 | 37 | 41 |
| 85 | 10 | 9 |
| 90 | 4 | |

| Zone | Lumens | % Lamp |
|---|---|---|
| 0° - 30° | 3006.3 | 65.4 |
| 0° - 40° | 3924.4 | 85.3 |
| 0° - 60° | 4446.2 | 96.7 |
| 0° - 90° | 4599.7 | 100.0 |
| 90° - 180° | 0.0 | 0.0 |
| 0° - 180° | 4599.7 | *100.0 |

*Efficiency

| | | 50% beam - 49.5° | | 10% beam - 77.4° | |
|---|---|---|---|---|---|
| Mounting Height | Inital FC Center Beam | Diameter | FC | Diameter | FC |
| 8.0 | 150.9 | 5.1 | 75.4 | 8.8 | 15.1 |
| 10.0 | 81.1 | 6.9 | 40.6 | 12.0 | 8.1 |
| 12.0 | 50.6 | 8.8 | 25.3 | 15.2 | 5.1 |
| 14.0 | 34.5 | 10.6 | 17.3 | 18.4 | 3.5 |
| 16.0 | 25.0 | 12.4 | 12.5 | 21.6 | 2.5 |

## EV06WW 35/175 AR LS INPUT WATTS: 175.3, DELIVERED LUMENS: 18468.8LM, LPW=105.3, 1.11 S/MH, TEST NO. ISF 34042P268




| | Ave | Lumens |
|---|---|---|
| 0 | 14198 | |
| 5 | 14049 | 1334 |
| 15 | 13961 | 3914 |
| 25 | 11900 | 5372 |
| 35 | 6925 | 4247 |
| 45 | 2344 | 1922 |
| 55 | 895 | 857 |
| 65 | 529 | 525 |
| 75 | 221 | 240 |
| 85 | 45 | 59 |
| 90 | 9 | |

| Zone | Lumens | % Lamp |
|---|---|---|
| 0° - 30° | 10620.1 | 57.5 |
| 0° - 40° | 14866.6 | 80.5 |
| 0° - 60° | 17646.0 | 95.5 |
| 0° - 90° | 18471.2 | 100.0 |
| 90° - 180° | 0.0 | 0.0 |
| 0° - 180° | 18471.2 | *100.0 |

*Efficiency

| | | 50% beam - 56.6° | | 10% beam - 83.7° | |
|---|---|---|---|---|---|
| Mounting Height | Inital FC Center Beam | Diameter | FC | Diameter | FC |
| 8.0 | 469.4 | 5.9 | 234.7 | 9.8 | 46.9 |
| 10.0 | 252.4 | 8.1 | 126.2 | 13.4 | 25.2 |
| 12.0 | 157.3 | 10.2 | 78.7 | 17.0 | 15.7 |
| 14.0 | 107.4 | 12.4 | 53.7 | 20.6 | 10.7 |
| 16.0 | 77.9 | 14.5 | 39.0 | 24.2 | 7.8 |

| Lumen Output Multiplier | | |
|---|---|---|
| CRI | CCT | Multplier |
| 80 | 2700K | 0.96 |
| | 300K | 1.00 |
| | 3500K | 1.00 |
| | 4000K | 1.01 |
| | 5000K | 1.07 |
| 90 | 2700K | 0.80 |
| | 300K | 0.83 |
| | 3500K | 0.85 |
| | 4000K | 0.87 |
| | 5000K | 0.91 |

| Reflector Finish Multiplier | |
|---|---|
| Reflector Finish | Multiplier |
| LS - Specular | 1 |
| LSS - Semi Specular | 0.956 |
| WR - White | 0.87 |
| LD - Matte Diffuse | 0.85 |
| BR - Black | 0.73 |

NLIGHT AIR

NLIGHT

**nLight® AIR** is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**nLight® AIR Control Accessories**

*Order as separate catalog number. Visit nLight AIR.*

| Wall Switches | Model Number |
|---|---|
| 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 |

**nLight® AIR Control Accessories** *(cont.)*

| Occupancy Sensors (PIR/dual tech) | Model Number |
|---|---|
| Small motion 360°, ceiling | rCMS 9 / rCMS PDT 9 |
| Large motion 360°, ceiling | rCMS 10 / rCMS PDT 10 |

**UL924 Sequence of Operation**

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 CL**AIR**ITY+ 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.

**nLight®** The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

**nLight® Wired Control Accessories**

*Order as separate catalog number. Visit nLight.*

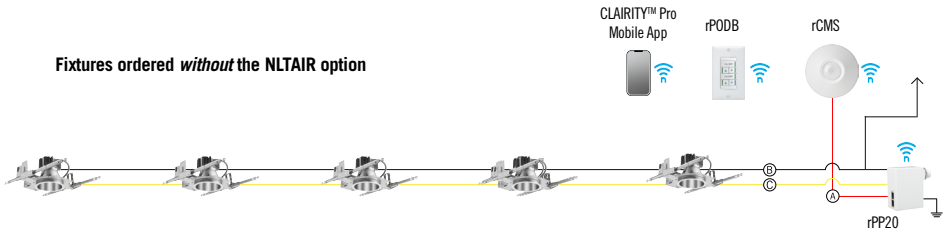
| Wall Switches | Model Number |
|---|---|
| On/Off single pole | nPODM (color) |
| On/Off two pole | nPODM 2P (color) |
| On/Off & raise/lower single pole | nPOD DX (color) |
| On/Off & raise/lower two pole | nPODM 2P DX (color) |
| Graphic touchscreen | nPOD GFX (color) |
| **Photocell Controls** | |
| Dimming | nCM ADCX |

**nLight® Wired Control Accessories** *(cont.)*

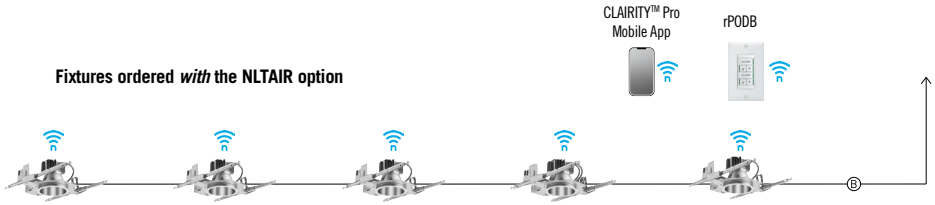
| Occupancy Sensors (PIR/dual tech) | Model Number |
|---|---|
| Small motion 360°, ceiling | nCM 9 / nCM PDT 9 |
| Large motion 360°, ceiling | nCM 10 / nCM PDT 10 |
| Wide View | nWV 16 / nWV PDT 16 |
| Wall switch with raise/lower | nWSX LV DX / nWSX PDT LV DX |
| **Cat-5 Cables (plenum rated)** | |
| 10', CAT5 | CAT5 10FT J1 |
| 15', CAT5 | CAT5 15FT J1 |

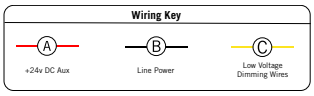
## Possibilites for nLight® AIR

**Fixtures ordered *without* the NLTAIR option**



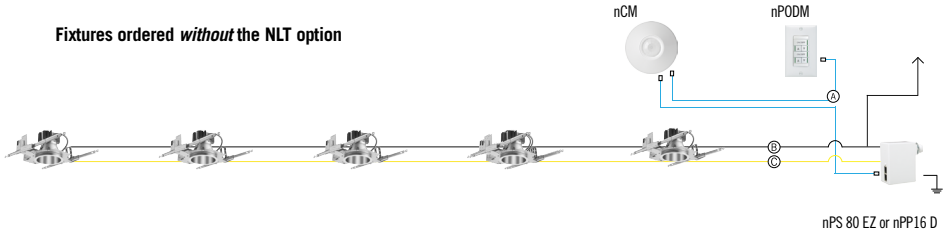

**Fixtures ordered *with* the NLTAIR option**




## Possibilites for nLight® wired

**Fixtures ordered *without* the NLT option**




**Fixtures ordered *with* the NLT option**