# **gotham** | V O<sup>™</sup>

Luminaire Type:

# **IVO<sup>™</sup> 4"** Round Shallow Recessed Wall Wash New Construction & Remodel



#### Superior Perfomance\*

| Nominal Lumens      | 05LM | 07LM | 10LM | 15LM | 20LM | 25LM | 30LM |
|---------------------|------|------|------|------|------|------|------|
| Delivered Lumens    | 372  | 548  | 748  | 1040 | 1361 | 1675 | 1973 |
| Wattage             | 5.3  | 7.8  | 10.5 | 15.7 | 22.4 | 25.0 | 30.7 |
| Lumens per Watt     | 70   | 70   | 71   | 66   | 61   | 67   | 64   |
| *Based on 3500K 800 |      | SS   |      |      |      |      |      |

\*\* E7WR option add 3.8 watts

### IVO 4" Round Product Family



**RODUCT FAMILY** 

GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Convers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com © 2014-2025 Acuity Brands Lighting Inc. All Rights Reserved. Rev. 04/07/25 Specifications subject to change without notice.

## **IVO<sup>™</sup> 4"** Round Shallow Recessed Wall Wash New Construction & Remodel

Luminaire Type:

Catalog Number:

| EXAMP  | LE: IV045 WW IULI                 | VI JOK BUCK   | I MIN10 MVOLT ZT NCH L   | WARLSS F   |  |  |   |   |                         |   |  |   |   |  |
|--|-----------------------------------|---|--|--|--|--|---|---|-------------------------|---|--|---|---|--|
| Series   |                                   |   | Function   | Lumen P  | ackages  |  | Kelvin 1  | Temperatu                                 | re                      | Color F   | tendering Ind  | ex <sup>2</sup> Dimn  | ning Level                              |  |
| IV04S  | Round Shallow Rece                | ssed  | WW Wall Wash   | 05LM <sup>1</sup><br>07LM<br>10LM<br>15LM<br>20LM<br>25LM<br>30LM                                      | 500 Lumens<br>750 Lumens<br>1000 Lumens<br>1500 Lumens<br>2000 Lumens<br>3000 Lumens |  | 27K<br>30K<br>35K<br>40K<br>50K                               | 2700K<br>3000K<br>3500K<br>4000K<br>5000K |                         | 80CRI<br>90CRI<br>95CRI   | 80+ CRI<br>90+ CRI<br>95+ CRI  | MIN1<br>MIN1<br>DARK  | Min 1% Dir                              | n Level<br>)im Level,  |
|  |                                   |   |  |  |  |  |   |   |                         |   |  |   |   |  |
| Voltage<br>MVOLT<br>120<br>277<br>347 <sup>3</sup> | 120V-277V<br>120V<br>277V<br>347V | Control In<br>ZT <sup>4</sup><br>EZT<br>ELV <sup>5</sup><br>DMX <sup>6</sup><br>DALI <sup>6</sup><br>NLIGHT<br>NLTAIR2<br>NLIGHTER<br>NLTAIREM2 | Generic 0-10V<br>EldoLED 0-10V<br>Phase Dimming (Forward<br>(120V only)<br>DMX<br>DALI-2<br>Wired controls by nLight<br>Wireless controls by nLight<br>listed emergency operatii | ht Air<br>with UL924<br>on<br>ht Air with  | <b>E7WR</b> <sup>7</sup> IC  | lo Emerger<br>DTA 7W En<br>ack, Const<br>ompliant, r | ncy<br>nergency ba<br>ant Power,<br>emote test<br>ransfer Dev | Title 20<br>switch                        | NCH<br>ICAT<br>CP<br>RM | only)<br>IC/Airti<br>constru<br>Spray f<br>Chicag<br>constru<br>Non-IC<br>from be | Housing (new<br>ght Housing (r<br>iction only). 20<br>oam compatib<br>o Plenum CCE.<br>iction only).<br>Remodel Hous<br>elow). Not avai<br>ency Pack optio | new<br>)00LM max.<br>le.<br>A Housing (new<br>sing (install<br>ilable with  | or Bu<br>Amer<br>SF <sup>8</sup> Single | merica(n) Act<br>ild America By<br>ica Qualified<br>e Fuse. Specif<br>r 277. |
| Trim St  | vle                               | Tri   | im Color   |  |  | Trim Fi  | nish  |   |                         | F   | lange Option   |   |   |  |
| LW   | Lensed Wall Wash                  | AR<br>BR<br>GR<br>WT<br>WR<br>WR<br>BZF<br>TR/  | Clear Anodize<br>Black Anodize<br>Gold Anodize<br>Pewter Anodiz<br>9,13 White Gloss (p<br>18,9 Soft White Ma<br>AMF White Gloss w<br>AMF Dark Bronze G                           | d<br>I<br>ted<br>vainted)<br>tte (painted)<br>ith Anti-Microbia<br>loss (painted)<br>BD for pricing or | u /  | LD<br>LS<br>LSS                                      | Matte Diff<br>Specular<br>Semi Spec                           |   |                         | F<br>F<br>F<br>F  | L<br>BL <sup>11</sup><br>WR <sup>12</sup><br>RALTBD <sup>10,13</sup>   | Self Flanged (co<br>Flangeless (Dryv<br>Flange Only Blac<br>Flange Only Whi<br>Flange Only RAL<br>Flange Only Cus | vall)<br>k<br>re                        | )  |

| ACCESSORIES - order a | as separate catalog numbers (shipped separately) |
|-----------------------|--|
| GRA4/6.5IVO JZ        | Round goof ring adapter 4" ID, 6.5" OD           |

#### **ORDERING NOTES**

- 1. 05LM only available with ELV or ZT. Not available with 347V.
- 2. 50K CCT is not available with 90CRI. 35K, 40K or 50K is not available with 95CRI.
- 3. 347 only available with ZT at MIN1 or MIN10. Not available with nLight devices or Emergency Options.
- 4. ZT is not available with DARK.
- 5. Available only with MIN1.
- $\hbox{6.} \quad \hbox{DMX and DALI are not available with MIN1 or MIN10.}$
- E7WR (20LM not available), GTD is not available with DMX, NLIGHT, NLIGHTER, or NLTAIREM2 or with RM housing.
- 8. RM with SF is not valid with DMX or nLight.

- 9. Not available with Optical Finish
- Replace with applicable RAL number and finish when ready to order. See <u>RAL BROCHURE</u> for available color options.
- For use with different trim colors only (i.e. AR, BZR, GR, MWR, PR, WTR, WR, WMR, WRAMF options). Not applicable with BR (black reflector) or FL (flangeless), TRALTBD or TCPC options.
- For use with different trim colors only (i.e. AR, BR, BZR, GR, PR, WTR options). Not applicable with WR, WMR, WRAMF (white reflector) or FL (flangeless), TRALTBD or TCPC options.
- 13. TRALTBD or TCPC are not compatible with FRALTBD or FCPC.

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# IVO<sup>™</sup> 4" Round Shallow Recessed Wall Wash New Construction & Remodel

#### New Construction Dimensions

#### Dimensions in inches [centimeters]

1/2" clearance on all sides required from non-combustible materials in non-IC applications, unless marked spacing noted otherwise.

Trim Aperture: 4-5/16" (11)

Ceiling Cutout (flanged): 5" (12.7)

Trim Flange 0.D.: 5-1/2" (14)

Ceiling Cutout (flangeless): 5-1/4" (13.3)



NCH with NLIGHT, NLTAIR2, DMX





Shipping Weight: 7.2 lbs

Shipping Weight: 5.7 lbs

#### IC Airtight (ICAT) or Chicago Plenum (CP) (dimensions are the same when E7WR added)





Shipping Weight: 8.7 lbs

GTD



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# IVO<sup>™</sup> 4" Round Shallow Recessed Wall Wash New Construction & Remodel



# Requires 3" of plenum height



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# IVO<sup>™</sup> 4" Round Shallow Recessed Wall Wash New Construction & Remodel

#### **Optical System**

Bounding Ray™ optical design delivers top-down flash for superior brightness control. Source and source image present simultaneously

Unitized optical system has mechanical attachment of the light engine to the trim for optimized optical alignment.

Source regression delivers 65 degrees of visual cutoff to source and source image.

#### LED Light engine

Proprietary light engines are custom binned to deliver perfect color consistency of 0.5-step MacAdam Ellipse fixture to fixture.

LED light engine is rated for L90 / 55,000 hours up to 2500 lumens and L80 / 55,000 hours at 3000 lumens.

Available in 80, 90, or 95 CRI minimum. 90 CRI has an R9 greater than 50. 95 CRI has an R9 greater than 80.

#### Trims

Trims are field interchangeable via twist-lock mechanism.

Trims are available in nine (9) standard colors and three standard finishes that can be customized.

#### Electrical

Luminaire operates from a 50 or 60 Hz  $\pm$ 3 Hz AC line over a voltage ranging from 120 VAC to 347 VAC. The fluctuations of line voltage have no visible effect on the luminous output.

Luminaire has a power factor of 85% or greater at all standard operating voltages and full luminaire output.

EMI/RFI per FCC Title 47 CFR, Part 15, Class A rated. ELV Phase dimming Driver is Class B rated except when used with E7WR or at 15LM and above. Input wires are 18AWG, 600V minimum, solid copper.

#### Controls (Optional)

Luminaire is equipped with interface for nLight wired, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software. Luminaire is equipped with interface for nLight Air, meaning it can communicate over the wireless nLight control platform. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY+, which allows for single fixture control.

#### Dimming

The luminaire is 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 (EZT) conforms to IEEE P1789 standards.

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

#### **Emergency Battery (Optional)**

Self testing integral emergency battery (E7WR) provides a emergency lighting for a duration of 90 minutes to meet egress code requirements. Emergency battery is accessible from below the ceiling. Emergency battery is CEC T20 Compliant.

#### Installation

Luminaire installs in 2" plenum depth ceiling (unless noted otherwise). Fixture is suitable for installation in ceilings from 5/8" to 2" in ceiling thickness via patented retention spring design.

Luminaire has telescopic mounting bars with maximum 24" and minimum 10 1/2" extension and 1 1/8" vertical adjustment.

Mounting brackets also work with C-Channel from  $\frac{34}{2}$  to 1-1/2", Flat Strap from  $\frac{1}{2}$ " to  $\frac{3}{4}$ ", Conduit up to  $\frac{3}{4}$ " in diameter, and  $\frac{1}{2}$ " angle bar. Luminaire is rated for up to (8) No. 12 AWG 90°C through branch circuit conductors.

Non-IC rated luminaires shall be installed with 3" of clearance on all sides from insulation or 1/2" clearance on all sides from non-combustible materials (unless marked spacing noted otherwise.)

IC rated luminaires can be installed in direct contact with insulation.

#### Construction

Luminaire features LED module with quick-disconnect harness and strain relief for ease of inspection and service.

Servicing and maintaining the light engine, driver and branch circuit conductors is possible without tools from below the ceiling. Luminaire is constructed with 20 gauge galvanized steel.

#### 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 only, standard.

#### **Photometrics**

All photometry is conducted by IESNA standard LM-79-08 in an accredited lab. LEDs are tested to LM-80 standards. Lumen maintenance is calculated via TM-21.

#### 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: <a href="http://www.acuitybrands.com/support/warranty/terms-and-conditions">www.acuitybrands.com/support/warranty/terms-and-conditions</a>

#### 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  $^\circ\text{C}.$ 

The product images shown are for illustration purposes only and may not be an exact representation of the product.

### **\*\*** 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.

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# IVO<sup>™</sup> 4" Round Shallow Recessed Wall Wash New Construction & Remodel

|               | IV04S NCH - 30                  | 00 Lumens Max.                              |                        |               | IV04S CP - 300                  | 0 Lumens Max.                               |                        |     |      | IVO4S RM - 300                  | 0 Lumens Max.                               |                        |
|---------------|---------------------------------|---|------------------------|---------------|---------------------------------|---|------------------------|-----|------|---------------------------------|---|------------------------|
| Ma            | rked Spacing in li              | nches 25°C Amb                              | ient                   | Ma            | irked Spacing in I              | nches 25°C Amb                              | ient                   |     | Mar  | ked Spacing in li               | nches 25°C Ambi                             | ent                    |
| Lumen Package | Fixture Center<br>to Center Min | Fixture Center<br>to Building<br>Member MIN | Space Above<br>Fixture | Lumen Package | Fixture Center<br>to Center Min | Fixture Center<br>to Building<br>Member MIN | Space Above<br>Fixture | Lur |      | Fixture Center<br>to Center Min | Fixture Center<br>to Building<br>Member MIN | Space Above<br>Fixture |
| 3000          | 24                              | 12  | 0.5                    | 2500-3000     | 24                              | 12  | 0.5                    |     | 3000 | 24                              | 12  | 0.5                    |

Recommended Control Dim Curve

Linear/Logarithmic

Linear/Logarithmic

Linear/Logarithmic

Linear/Logarithmic

n/a

Linear

Linear

Linear

ver Dim Curve Linear

Linear

l inear

Linear

n/a

Logarithmic

Square

Logarithmic

**FABLES OF USE** 

|                        | Dimming<br>Level |   | Control Input | Dimming Level | Dri |
|------------------------|------------------|---|---------------|---------------|-----|
| su                     | MIN10            | + | ZT            | 100% to 10%   |     |
| ratio                  | IMIIN I U        | + | EZT           | 100% to 10%   |     |
| figu                   |                  | + | ZT            | 100% to 1%    |     |
| Con                    | MIN1             | + | EZT           | 100% to 1%    |     |
| Dimming Configurations |                  | + | ELV           | 100% to 1%*   |     |
| Dim                    |                  | + | EZT           | 100% to 0.1%  |     |
|                        | DARK             | + | DMX           | 100% to 0.1%  |     |
|                        |                  | + | DALI          | 100% to 0.1%  |     |

\* ELV Minimum Dimming level depends on dimmer and dimmer load

|                                | Dimming<br>Level |   | Control Input | Dimming Level | Control Provided | Driver Provided         |
|--------------------------------|------------------|---|---------------|---------------|------------------|-------------------------|
|                                |                  | + | NLIGHT        | 100% to 10%   | NIO EZDXA        | eldoLED 0-10V ECOdrive  |
| SI                             | MIN10            | + | NLIGHTER      | 100% to 10%   | NIO EZDCL ER     | eldoLED 0-10V ECOdrive  |
| atior                          | IVIIN I U        | + | NLTAIR2       | 100% to 10%   | RIO EZDL G2      | eldoLED 0-10V ECOdrive  |
| figur                          |                  | + | NLTAIREM2     | 100% to 10%   | RIO EZDL EM G2   | eldoLED 0-10V ECOdrive  |
| Embedded Nlight Configurations |                  | + | NLIGHT        | 100% to 1%    | NIO EZDXA        | eldoLED 0-10V ECOdrive  |
| light                          | MIN1             | + | NLIGHTER      | 100% to 1%    | NIO EZDCL ER     | eldoLED 0-10V ECOdrive  |
| IN pa                          | IVIIIN I         | + | NLTAIR2       | 100% to 1%    | RIO EZDL G2      | eldoLED 0-10V ECOdrive  |
| edd                            |                  | + | NLTAIREM2     | 100% to 1%    | RIO EZDL EM G2   | eldoLED 0-10V ECOdrive  |
| Emb                            |                  | + | NLIGHT        | 100% to 0.1%  | NIO EZDXA        | eldoLED 0-10V SOLOdrive |
|                                | DARK             | + | NLIGHTER      | 100% to 0.1%  | NIO EZDCL ER     | eldoLED 0-10V SOLOdrive |
|                                | DAKK             | + | NLTAIR2       | 100% to 0.1%  | RIO EZDL G2      | eldoLED 0-10V SOLOdrive |
|                                |                  | + | NLTAIREM2     | 100% to 0.1%  | RIO EZDL EM G2   | eldoLED 0-10V SOLOdrive |

| IV04   | S WW <sup>1</sup> | Title 24, JA8 <sup>2</sup> | Energy Star             |
|--------|-------------------|----------------------------|-------------------------|
|        | DRIVERS:          | EZT <sup>3</sup> , ZT, ELV | EZT, ZT, ELV, DALI, DMX |
| CRI    | ССТ               |                            |                         |
|        | 2700K             |                            | <ul> <li>✓</li> </ul>   |
|        | 3000K             |                            | 1                       |
| 80 CRI | 3500K             |                            | <ul> <li>✓</li> </ul>   |
|        | 4000K             |                            | 1                       |
|        | 5000K             |                            | <ul> <li>✓</li> </ul>   |
|        | 2700K             |                            | <b>√</b> <sup>4</sup>   |
|        | 3000K             |                            | ✓ <sup>4</sup>          |
| 90 CRI | 3500K             |                            | <b>√</b> <sup>4</sup>   |
|        | 4000K             |                            | <b>√</b> 4              |
|        | 5000K             |                            | <b>√</b> <sup>4</sup>   |
|        | 2700K             |                            |                         |
|        | 3000K             |                            |                         |
| 95 CRI | 3500K             |                            |                         |
|        | 4000K             |                            |                         |
|        | 5000K             |                            |                         |

1 - E7WR, GTD are not Energy Star or T24 complaint.

2 - Only ICAT housing at 05LM, 10LM, 15LM, 20LM is T24 compliant.

3 - EZT+MIN1/MIN10 drivers are T24 compliant at 07LM, 10LM only.

4 - 05LM lumen package is not Energy Star compliant.

#### How to Estimate Delivered Lumens in Emergency Mode

#### Delivered Lumens = P x LPW

P = Output power of emergency driver. P = 7W for E7WR

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

#### **Flangeless Installation**

Gotham's flangeless option utilizes a micro-thin polymer mud ring that minimizes the amount of drywall compound required to finish the ceiling. The end result is a virtually undetectable flangeless downlight installation.

The polymer mud ring is installed independent of the of the recessed frame, therefore floating with the ceiling. This innovation minimizes any surface cracks during reflector installation, ceiling movement and any future service to the recessed frame, wiring, electronics, etc.



Partially finished mud ring, showing crosssection detail.



An IVO downlight requires only approximately 3" of plaster to finish.



#### IVO with flangeless trim

# IVO<sup>™</sup> 4" Round Shallow Recessed Wall Wash New Construction & Remodel

### LW Lensed Wall Wash

IVO4S WW 20LM 35K 80CRI LW AR LSS



**PHOTOMETRY** 

|                |         |        |         |              | -             |            |
|----------------|---------|--------|---------|--------------|---------------|------------|
| Wattage: 22.4, | Lumens: | 1360.5 | LPW: 61 | , S/MH: 1.16 | , Test No: 23 | -491-1P201 |

| Candela Summary |     |  |  |  |
|-----------------|-----|--|--|--|
| 0°              | 912 |  |  |  |
| 10°             | 926 |  |  |  |
| 20°             | 834 |  |  |  |
| 30°             | 709 |  |  |  |
| 40°             | 555 |  |  |  |
| 50°             | 362 |  |  |  |
| 60°             | 202 |  |  |  |
| 70°             | 87  |  |  |  |
| 80°             | 21  |  |  |  |
| 90°             | 0   |  |  |  |

| Zonal Lumen Summary |        |        |  |  |  |
|---------------------|--------|--------|--|--|--|
| Zone                | Lumens | %      |  |  |  |
| 0-30                | 598.8  | 44.0%  |  |  |  |
| 0-40                | 894.3  | 65.7%  |  |  |  |
| 0-60                | 1279.1 | 94.0%  |  |  |  |
| 0-90                | 1360.5 | 100.0% |  |  |  |

|          | Cone of Light |            |            |  |  |  |  |  |  |
|----------|---------------|------------|------------|--|--|--|--|--|--|
| Mounting | Initial FC    | Beam Dia   | meter (ft) |  |  |  |  |  |  |
| Height   | Center Beam   | Horizontal | Vertical   |  |  |  |  |  |  |
| 8'       | 14.25         | 12.2       | 10.9       |  |  |  |  |  |  |
| 10'      | 9.12          | 15.3       | 13.6       |  |  |  |  |  |  |
| 12'      | 6.33          | 18.3       | 16.3       |  |  |  |  |  |  |
| 14'      | 4.65          | 21.4       | 19         |  |  |  |  |  |  |
| 16'      | 3.56          | 24.4       | 21.8       |  |  |  |  |  |  |

| CRI/CCT Multiplier Table |       |            |  |  |  |  |
|--------------------------|-------|------------|--|--|--|--|
| CRI                      | CCT   | Multiplier |  |  |  |  |
|                          | 2700K | 0.92       |  |  |  |  |
|                          | 3000K | 0.96       |  |  |  |  |
| 80                       | 3500K | 1.00       |  |  |  |  |
|                          | 4000K | 1.01       |  |  |  |  |
|                          | 5000K | 1.04       |  |  |  |  |
|                          | 2700K | 0.80       |  |  |  |  |
| 90                       | 3000K | 0.85       |  |  |  |  |
| 90                       | 3500K | 0.85       |  |  |  |  |
|                          | 4000K | 0.89       |  |  |  |  |
| 95                       | 2700K | 0.68       |  |  |  |  |
| 90                       | 3000K | 0.75       |  |  |  |  |

| Reflector Finish Multiplier |                       |            |
|-----------------------------|-----------------------|------------|
| Trim Color                  | <b>Optical Finish</b> | Multiplier |
| AR                          | LSS                   | 1.00       |
| AR                          | LS                    | 1.02       |
| AR                          | LD                    | 0.98       |
| GR                          | LSS                   | 0.98       |
| GR                          | LS                    | 1.00       |
| GR                          | LD                    | 0.95       |
| PR                          | LSS                   | 0.96       |
| PR                          | LS                    | 0.98       |
| PR                          | LD                    | 0.94       |
| WTR                         | LSS                   | 0.96       |
| WTR                         | LS                    | 0.98       |
| WTR                         | LD                    | 0.94       |
| WR                          |                       | 1.04       |
| BZR                         |                       | 0.81       |
| BR                          |                       | 0.81       |

| JGR (70% 50% 20% reflectance using a 4H<br>x 8H room size) |           |         |  |
|--|-----------|---------|--|
| Lumen<br>Package   | Crosswise | Endwise |  |
|  | LW        | LW      |  |
| 05LM   | 22.4      | 17.5    |  |
| 07LM   | 23.7      | 18.8    |  |
| 10LM   | 24.8      | 19.9    |  |
| 15LM   | 25.9      | 21      |  |
| 20LM   | 26.9      | 22      |  |
| 25LM   | 27.6      | 22.7    |  |
| 30LM   | 28.1      | 23.2    |  |

IVO4S-WW page 7 of 8



### Single Lighting Controls Platform for Indoor & Outdoor Spaces

nLight<sup>®</sup> is your networked lighting controls platform, for indoor and outdoor applications, providing wired or wireless options. Scaling from room to campus-wide applications, it is the one platform that grows with your business today and tomorrow; to seamlessly address energy cost optimization, building code compliance, improved occupant comfort, and much more. nLight also interfaces with DALI<sup>®</sup>, BACnet<sup>®</sup>, DMX and additional third-party devices.





#### **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 CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

