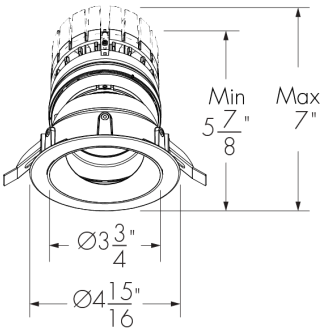


Project Name

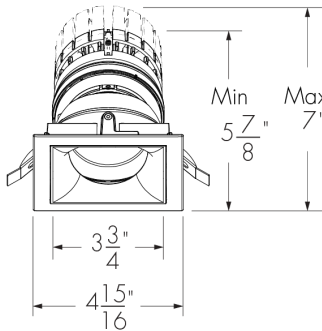
Qty

Type

Catalog / Part Number



Round trim  
(Shown with 1 in ceiling springs)  
Round trim ceiling cutout: Ø4.5 in



Square trim  
(Shown with 1 in in ceiling springs)  
Square trim ceiling cutout: 4.5 in x 4.5 in

Photometric Summary

Based on Medium Faceted Reflector (nominal 40°), 4000K, CRI 90+

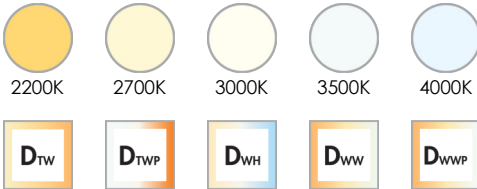
| Nominal output [lm] | Delivered output [lm] <sup>(1)</sup> | Non-insulated ceiling |                 | Insulated ceiling |                 |
|---------------------|--------------------------------------|-----------------------|-----------------|-------------------|-----------------|
|                     |                                      | Power (120V) [W]      | Efficacy [lm/W] | Power (120V) [W]  | Efficacy [lm/W] |
| 700                 | 492                                  | 8.5                   | 58              | 6.5               | 76              |
| 1000                | 636                                  | 10                    | 64              | 8                 | 80              |
| 1300                | 882                                  | 13                    | 68              | 11                | 80              |
| 2000                | 1,374                                | 20                    | 69              | 18                | 76              |
| 3000                | 2,051                                | 25                    | 82              | N/A               | N/A             |
| 4000                | 2,699                                | 33                    | 82              | N/A               | N/A             |
| 5000                | 3,185                                | 41                    | 78              | N/A               | N/A             |

<sup>1</sup> Consult website for latest IES files.  
<sup>2</sup> Photometric performance is measured in compliance with IESNA LM-79-24.

Optics



Color and Color Temperature



Color Rendering

CRI 80+      CRI 90+      CRI 95+

Description

The Lumencore Recessed Small Tilt is a high-performance LED downlight for ceiling applications. Available in an array of trims and finishes, outputs (up to 4000lm), optics, color renderings, accessories and a WET IP54 option, these luminaires are here to outperform. The Lumencore Recessed Small Tilt possesses a previously unseen lifespan, is quick to install, and can be used with a number of different control options.

Physical

|                     |                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cutout              | R: Round, S: Square                                                                                                                                                                                                                                                          |
| Decorative Bezel    | Tilt (0° rotation, factory set 30° tilt), LED can be fully adjustable behind the bezel                                                                                                                                                                                       |
| Trim                | RD: Round, TLR: Trimless Round, SQ: Square, SR: Square Trim with Round Hole, TLS: Trimless Square                                                                                                                                                                            |
| Ceiling Thickness   | 1: 0.04 in to 1 in Ceiling Thickness<br>2: 1.05 in to 2 in Ceiling Thickness                                                                                                                                                                                                 |
| Housing Material    | Aluminum                                                                                                                                                                                                                                                                     |
| TIR Optics Material | Clear polycarbonate                                                                                                                                                                                                                                                          |
| Reflector Material  | Aluminum                                                                                                                                                                                                                                                                     |
| Weight              | 3.4 lbs with RM installation type,<br>4.75 lbs with NC installation type,<br>10.8 lbs with PC, IC, IC/AT and RMR installation types<br>(Weights are approximate based on the heaviest fixture configuration)<br><br>Please consult factory if exact fixture weight is needed |

Controls

ON/OFF

0-10V

PRO  
0-10V

PH

PRO  
PH

LUTRON

Caseta Wireless  
by LUTRON

VIVE  
by LUTRON

nLIGHT

DALI

PRO  
DALI

DALIT8

DMXRdm

lumen  
talk

Ceiling Cutout Shapes



Ø4 1/2"  
[114mm]

R - Round



4 1/2"  
[114mm]

S - Square

Decorative Bezel (Round Trim)



T - Tilt

Decorative Bezel (Square Trim)



T - Tilt

Standard Finishes - Decorative Bezels



MWH - Matte white



MBK - Matte black



MSI - Matte Silver



NKS - Nickel satin



DCH - Dark chrome



BCH - Bright chrome



SWT - Satin wheat



CC - Custom color  
and finish  
(specify 4-digit  
RAL K7 color)



SP - Special color  
(choose from color  
palette in complete  
specification sheet)

Trim Shapes



RD - Round



SQ - Square



SR - Square round hole



TLR - Trimless round



TLS - Trimless square

Ceiling Space Requirements (Length x Width x Height)

Up to 18 in x 18 in x 8 in with RM and NC installation types,  
Up to 18 in x 15 in x 9 in with PC/IC/ICAT/RMR installation  
types  
Dimensions will vary by output and color rendering, refer to  
Ceiling Requirements table for details

Features

|                             |                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output (Nominal Lumens)     | L07: 700 lm, L10: 1000 lm, L13: 1300 lm, L20: 2000 lm, L30: 3000 lm, L40: 4000 lm, L50: 5000 lm                                                                                                    |
| Color and Color Temperature | 22K: 2200K<br>27K: 2700K<br>30K: 3000K<br>35K: 3500K<br>40K: 4000K<br>DTW: Dim to Warm<br>DTWP: Dim to Warm Plus<br>DWH: Dynamic White<br>DWW: Dynamic Warm White<br>DWWP: Dynamic Warm White Plus |

|                               |                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optics (Nominal Distribution) | XN: Extra Narrow Spot Distribution 5°<br>VN: Very Narrow Spot Distribution 10°<br>NS: Narrow Spot Distribution 15°<br>N: Narrow Distribution 25°<br>NR: Narrow Reflector 25°<br>NFR: Narrow Faceted Reflector 25°<br>M: Medium 40°<br>MFR: Medium Faceted Reflector 40° |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decorative Bezel Finish | MWH: Matte White<br>MBK: Matte Black<br>MSI: Matte Silver<br>NKS: Nickel Satin<br>DCH: Dark Chrome<br>BCH: Bright Chrome<br>SWT: Satin Wheat<br>CC: Custom Color Trim (Specify 4-Digit RAL K7 Color)<br>SP: Special Color (Choose From standard Point Source Color Palette) |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trim Finish | MWH: Matte White<br>MBK: Matte Black<br>MSI: Matte Silver<br>NKS: Nickel Satin<br>CC: Custom Color Trim (Specify 4-Digit RAL K7 Color)<br>SP: Special Color (Choose From standard Point Source Color Palette) |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation Type | RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)<br>NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated)<br>PC: Plenum Non-Insulated Ceiling (Enclosed Box)<br>IC: New Construction Insulated Ceiling (Enclosed Box)<br>IC/AT: New Construction Insulated Ceiling (Chicago Plenum/airtight, enclosed box)<br>RMR: Remote Recessed Insulated Ceiling/Plenum (enclosed box) |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |                                                       |
|----------------|-------------------------------------------------------|
| Certifications | UL compliant, RoHS, UL Wet Location (WET option only) |
|----------------|-------------------------------------------------------|

Standard Finishes for Trim



MWH - Matte white



MBK - Matte black



MSI - Matte Silver



NKS - Nickel satin



CC - Custom color and finish  
(specify 4-digit RAL K7 color)



SP - Special color  
(choose from standard Point Source color palette)

Adjustability



30° fixed tilt

T - Fixed tilt decorative bezel

Options



Emergency battery backup



IP54 rating suitable for wet locations

Ratings

IP20

IP54



Wet Location

Lumencycle™ Program



Certifications



UL US



RoHS





5 YEARS  
lumencore

|          |                                                                                                                                                                                                                                                                                                                       |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warranty | 5-year limited warranty                                                                                                                                                                                                                                                                                               |
| Options  | <b>EBB:</b> Emergency Battery Backup with Hanger Bar (Bodine BSL17C-C2)<br><b>EBI:</b> Emergency Battery Backup with Hanger Bar (Iota ILB-CP07-A TBTS)<br><b>WET:</b> IP54 rating suitable for wet locations.<br>For IP55 Shower Rated "Dead Front" applications see Lumencore Small Shower Rated specification sheet |

Electrical and Control

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage       | <b>120:</b> 120 Volts, <b>277:</b> 277 Volts, <b>347:</b> 347 Volts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Wattage Range | 8.5W to 42W (wattage will vary based on voltage, output, color temperature, color rendering, optic, control and installation type, refer to Power Consumption table for details)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Control       | <b>NO:</b> On/Off Control<br><b>NO3:</b> On/Off Control 347V<br><b>DAMC:</b> Standard 0-10V Dimming 1% Linear Curve<br><b>DA1:</b> Standard 0-10V Dimming 1% Linear Curve<br><b>DA2:</b> Standard 1-10V Dimming 1% Logarithmic Curve<br><b>DA3:</b> Standard 0-10V Dimming 1% Linear Curve (347V)<br><b>PDA1:</b> Professional 0-10V Dimming 0.1% Linear Curve<br><b>PDA2:</b> Professional 0-10V Dimming 0.1% Logarithmic Curve<br><b>PH:</b> Phase Dimming<br><b>PPH:</b> Phase Dimming 1%<br><b>PHB:</b> Pro Phase Dimming ERP PHB Series<br><b>ES:</b> Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black<br><b>ESP:</b> Lutron® Hi-lume Premier 0.1% EcoSystem® PEQ0 Soft-on/Fade-to-Black<br><b>CA:</b> Lutron® Caséta dimming compatible (Lutron Hi-lume 1% 2-wire LTEA) (temporarily unavailable)<br><b>VI:</b> Lutron® Vive control enabled (Lutron VIVE FCJS-010)<br><b>NL:</b> nLight® control enabled (nPS-80-EZ)<br><b>NLER:</b> nLight® emergency control enabled (nPS-80-EZ-ER)<br><b>NL347:</b> nLight® control enabled 347V (nPS-80-EZ-347)<br><b>SDALI1:</b> Standard DALI Dimming 1% Linear Curve<br><b>SDALI2:</b> Standard DALI Dimming 1% Logarithmic Curve<br><b>DALI1:</b> Professional DALI Dimming 0.1% Linear Curve<br><b>DALI2:</b> Professional DALI Dimming 0.1% Logarithmic Curve<br><b>DALI8:</b> DALI-2 T8 Enabled Dimming 1%<br><b>DMX/RDM:</b> DMX/RDM Enabled Dimming 1%<br><b>LT:</b> Lumentalk Enabled Dimming |

Performance

|                             |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| Maximum Delivered Output    | Up to 3,185 lm (Medium Faceted Reflector optic 25°, 4000K, CRI 90) |
| Maximum Delivered Intensity | Up to 34,912 cd (Extra Narrow Spot optic 5°, 4000K, CRI 80)        |
| Color Consistency           | 2 SDCM, 3 SDCM (XN optic only)                                     |
| Color Rendering             | <b>80:</b> CRI 80+, <b>90:</b> CRI 90+, <b>95:</b> CRI 95+         |
| Lumen Maintenance           | L95 55,000 hrs (Ta 25 °C)<br>L70 225,000 hrs (Ta 25 °C)            |

Environmental

|                                                            |                                                                                                                                                                                                                                                                            |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ingress Protection Rating                                  | IP20, IP54 (with CL, SL or PD accessory and WET option specified)                                                                                                                                                                                                          |
| Environment                                                | Damp location rating (interior applications only), Wet location rating (with CL, SL or PD accessory and WET option only)                                                                                                                                                   |
| Operating Temperature (Ceiling Cavity Ambient Temperature) | -4 °F to 104 °F (DA1, DA2, DA3, PDA1, PDA2, SDALI1, SDALI2, DALI1, DALI2, DALIT8, LT, DMX/RDM, PH and PPH control options), 14 °F to 104 °F (NO, NL, NLER, NL347 control options), 32 °F to 104 °F (NO3, VI, PPH2, ES, ESP and CA control options and EBB and EBI options) |

Accessories (Order Separately)

|                                 |                                                                                     |
|---------------------------------|-------------------------------------------------------------------------------------|
| Control Systems                 | Pharos® Designer Lighting Control Kit (PHAROS), Pharos® Expert Control Kit (EXPERT) |
| Diagnostic and Addressing Tools | LumenID (LID)                                                                       |

Important

Virtual Patent Marking Notice

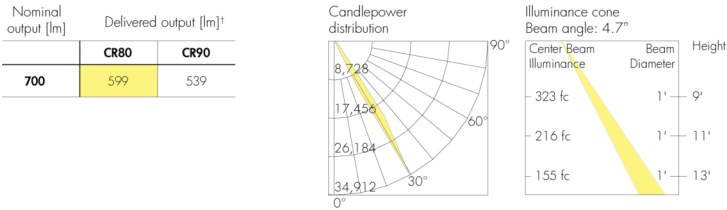
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

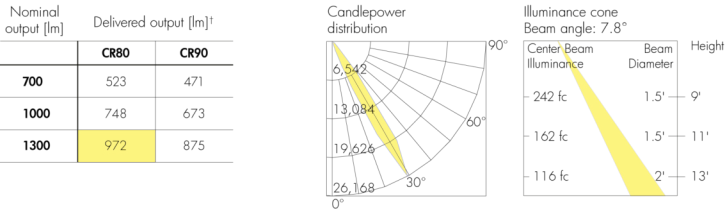
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Photometric Information

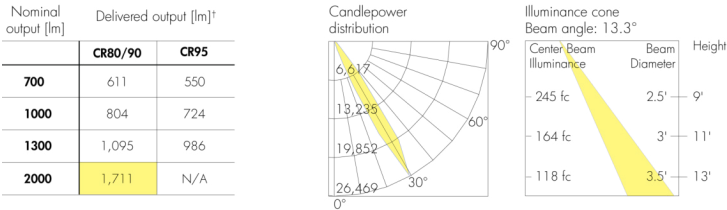
XN - Extra Narrow Spot (Nominal 5°), 4000K



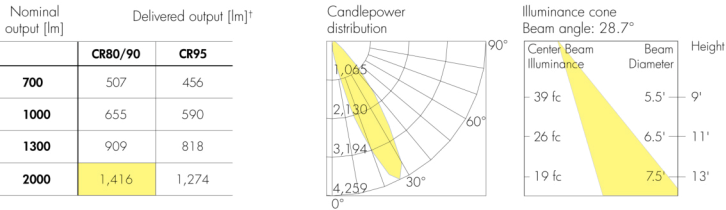
VN - Very Narrow Spot (Nominal 10°), 4000K



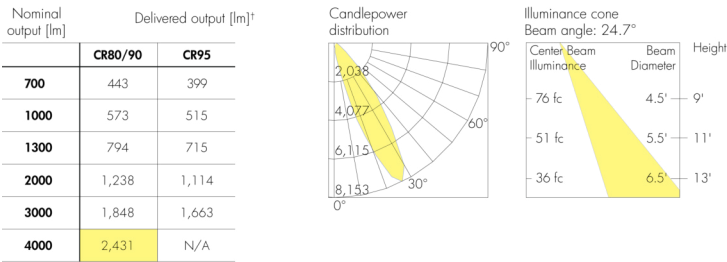
NS - Narrow Spot (Nominal 15°), 4000K



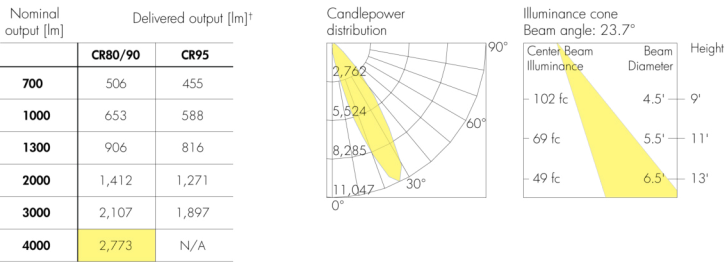
N - Narrow (Nominal 25°), 4000K



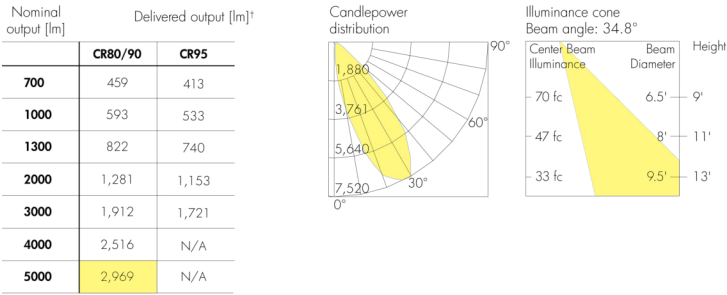
NR - Narrow Reflector (Nominal 25°), 4000K



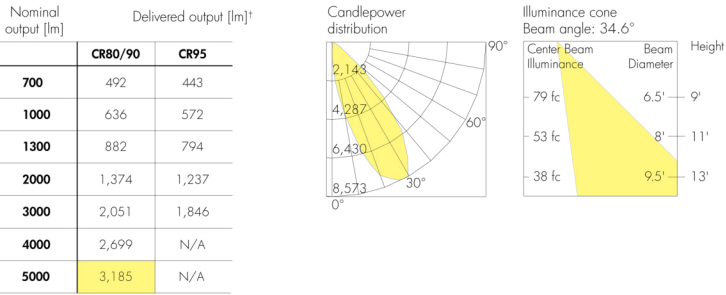
NFR - Narrow Faceted Reflector (Nominal 25°), 4000K



M - Medium (Nominal 40°), 4000K



MFR - Medium Faceted Reflector (Nominal 40°), 4000K

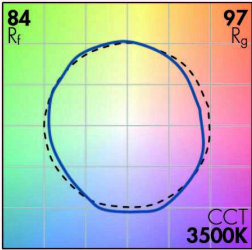


† Consult website for IES files. Delivered output: +/- 10% tolerance.  
Consult Power consumption section for more wattage information.

TM-30

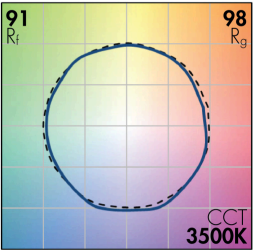
CRI 80+

| CRI 80 + |                |    |       |                |
|----------|----------------|----|-------|----------------|
| CCT      | CIE            |    | TM-30 |                |
| 3500K    | R <sub>a</sub> | 84 | 84    | R <sub>f</sub> |
|          | R <sub>9</sub> | 15 | 97    | R <sub>g</sub> |



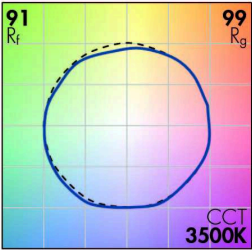
CRI 90+

| CRI 90 + |                |    |       |                |
|----------|----------------|----|-------|----------------|
| CCT      | CIE            |    | TM-30 |                |
| 3500K    | R <sub>a</sub> | 94 | 91    | R <sub>f</sub> |
|          | R <sub>9</sub> | 55 | 98    | R <sub>g</sub> |



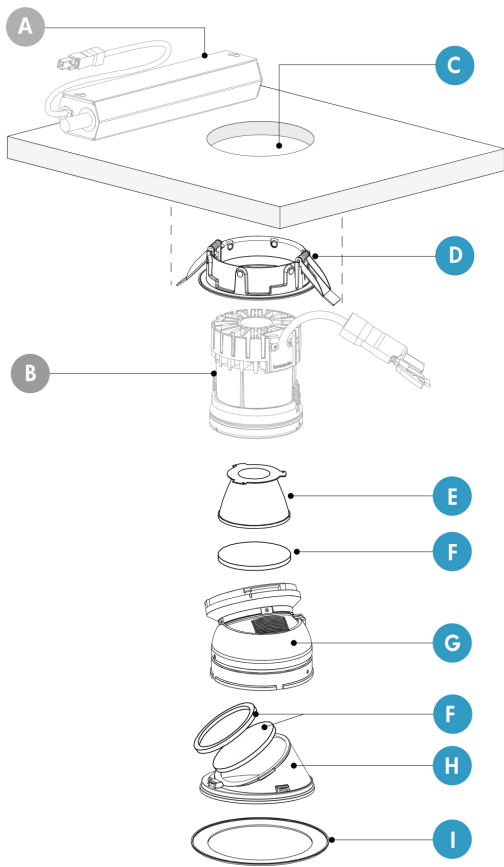
CRI 95+

| CRI 95 + |                |    |       |                |
|----------|----------------|----|-------|----------------|
| CCT      | CIE            |    | TM-30 |                |
| 3500K    | R <sub>a</sub> | 97 | 91    | R <sub>f</sub> |
|          | R <sub>9</sub> | 97 | 99    | R <sub>g</sub> |



Refer to TM-30 Reference Guide for details.

Exploded Overview - Part Selection



Standard Parts

- A - MTG Mounting kit  
B - LUM Core (heatsink, universal fixing ring, LED module)  
MTG: Mounting Kit  
LUM: Luminaire

Customizable Parts

- C - Ceiling cutout shape (round or square)  
D - Ceiling mounting ring (round or square, based on ceiling cutout selection)  
E - Optic\*  
F - Optical accessory and accessory holder (up to two optical accessories can be combined in the fixture, position will vary by accessory type)\*\*  
G - Adjustable mechanism  
H - Tilt decorative bezel  
I - Trim (round or square, based on ceiling ring selection)

\* Optic is field changeable. Consult Interchangeable Optics section of the specification sheet for details. Consult factory for ordering details.  
\*\*Field changeable, consult installation instructions for details. Consult factory for ordering details.

Ceiling Requirements

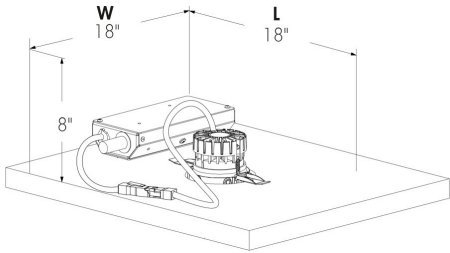
Ceiling Cavity Space Requirements (Length x Width x Height)

| Installation type | Output/Color Rendering |     |     |              |      |              |      |
|-------------------|------------------------|-----|-----|--------------|------|--------------|------|
|                   | L07                    | L10 | L13 | L20          |      | L30          |      |
|                   | CR80/90/95             |     |     | CR80/CR90    | CR95 | CR80/CR90    | CR95 |
| RM                | 11"x 11"x 7"           |     |     | 12"x 12"x 7" |      | 18"x 18"x 8" |      |
| NC                | 14"x 11"x 7"           |     |     | 14"x 11"x 7" |      | 18"x 18"x 8" |      |
| PC/IC/ICAT/RMR    | 14.5"x 10"x 7"         |     |     | 18"x 15"x 9" |      | N/A          |      |

See Installation Type section for dimensional view of keep out and/or MTG mounting kit option.  
Above dimensions include any keep out requirements for proper airflow and thermal cooling.

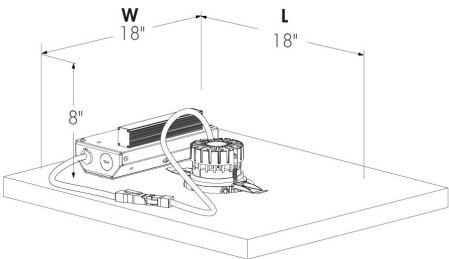
Installation Types

RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) (NO, PH, ES and ESP Controls Only)



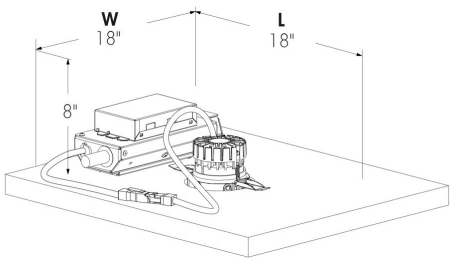
L30 CR90/95, L40 CR80/90 and L50 CR90 shown.

RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) (DALI8, DMX/RDM and LT Control Options Only)



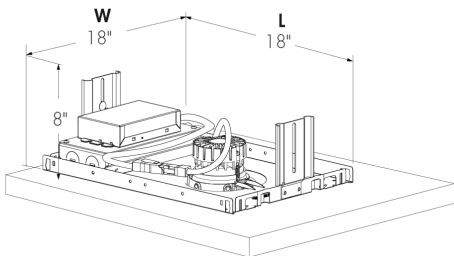
L30 CR90/95, L40 CR80/90 and L50 CR90 shown.

RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated) (Other Controls)



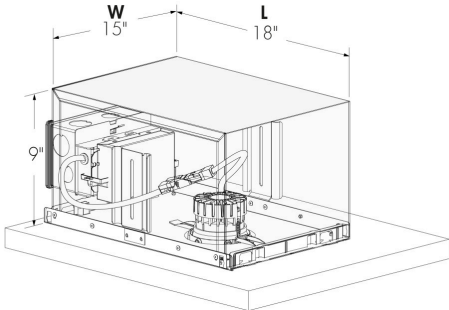
L30 CR90/95, L40 CR80/90 and L50 CR90 shown.

NC: New Construction Non-Insulated Ceiling (Non-Plenum Rated)



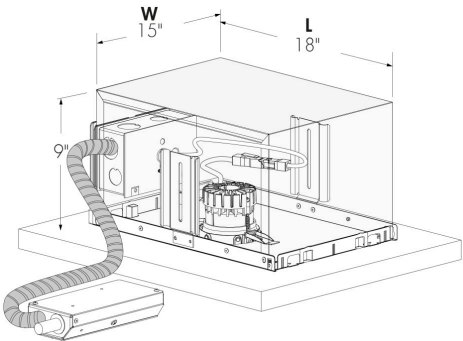
L30 CR90/95, L40 CR80/90 and L50 CR90 shown.

IC, PC, IC/AT: New Construction Insulated and Non-Insulated Ceiling (Enclosed Box)



L30 CR90/95, L40 CR80/90 and L50 CR90 shown.

RMR: Remote Recessed Insulated Ceiling/Plenum (Enclosed Box)



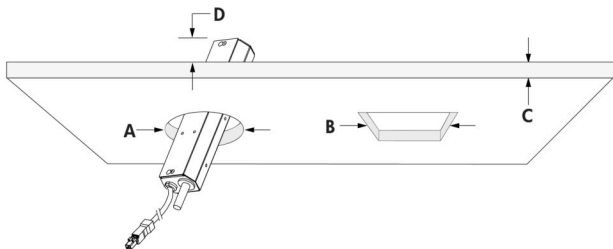
Luminaire ceiling cavity space requirements for L13 CR80/90/95 and L20 CR80/90/95 shown. Refer to remote driver box dimensions in installation instructions for space required for driver.

Remote distance is a maximum of 75 ft, consult Lumenpulse Application Engineering Team for longer remote distances.

Fixture shown for reference only. Refer to Ceiling Requirements section and installation instructions for dimensions and ceiling cutout requirements.

Ceiling Requirements

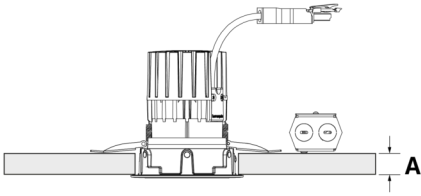
Ceiling Cutout



- A - Ceiling cutout: Ø4.5 in
- B - Ceiling cutout: 4.5 in x 4.5 in
- C - Maximum ceiling thickness: 2 in
- D - Minimum ceiling height: refer to Ceiling Cavity Space Requirements table

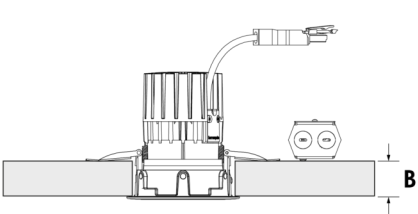
Ceiling Thickness Options

Ceiling Thickness 1



A - Ceiling thickness range: 0.04 in to 1 in

Ceiling Thickness 2



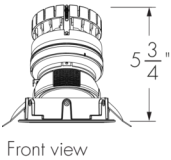
B - Ceiling thickness range: 1.05 in to 2 in

Ceiling springs are field changeable, consult installation instructions and factory for details.

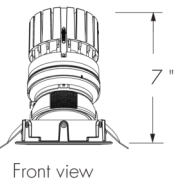
Dimensions

T - Tilt (0° Rotation, Factory Set 30° Tilt)

L07, L10, L13, L20 (CR80/90/95)  
L30 (CR80)

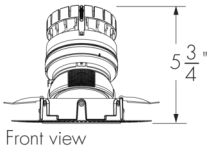


L30 (CR90, CR95), L40 (CR80)

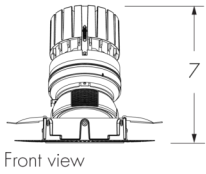


T - Tilt (0° Rotation, Factory Set 30° Tilt,  
Trimless Version)

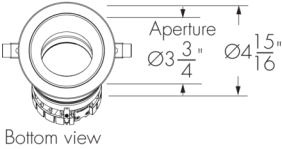
L07, L10, L13, L20 (CR80/90/95)  
L30 (CR80)



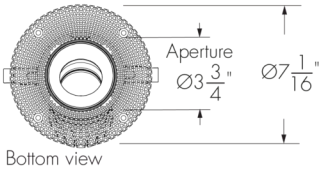
L30 (CR90, CR95), L40 (CR80)



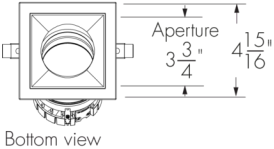
RD - Round Shape, Round Trim



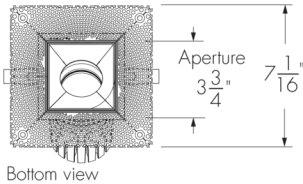
TLR - Trimless Round



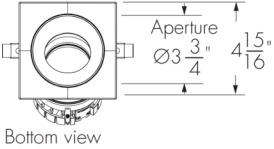
SQ - Square Shape, Square Trim



TLS - Trimless Square



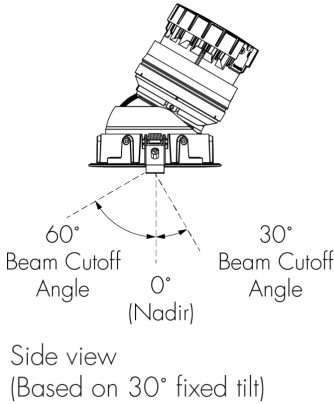
SR - Square Shape, Round Hole



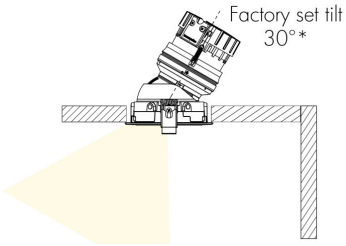
Round ceiling cutout: Ø4.5 in  
Square ceiling cutout: 4.5 in x 4.5 in

Beam Cutoff Angle

T - Tilt



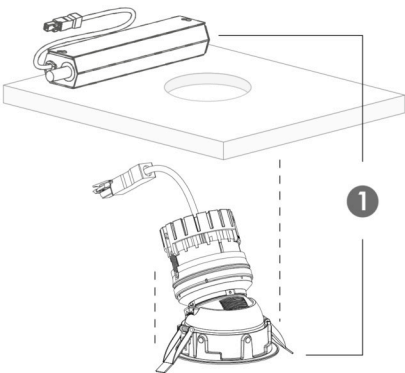
Tilt



\*Field adjustable from 0° to 40°, see installation instructions for details.

Delivery - How it Works

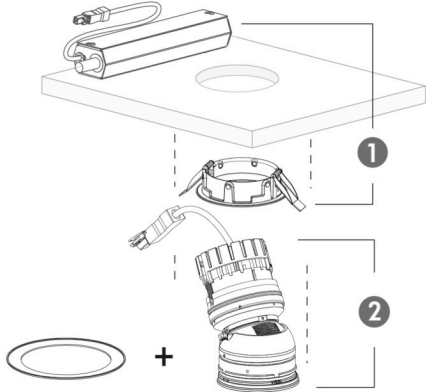
Standard Shipping (1 delivery)



Included

- 1. MTG Mounting kit and complete fixture assembly

Advanced Shipping of Mounting kit (2 Separate Deliveries)



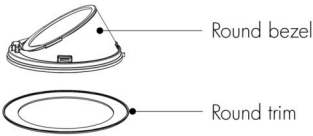
Included

- 1. Optional advanced delivery: MTG Mounting kit and ceiling mounting ring
- 2. Second delivery: LUM Core (heatsink, universal fixing ring, LED module, optic, accessories, decorative bezel) and trim

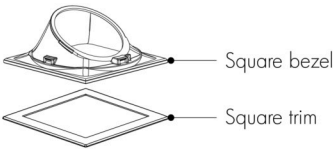
Consult factory for Advanced Shipping details.

Ceiling Cutout Shape Options

RD - Round Ceiling Cutout



SQ - Square Ceiling Cutout

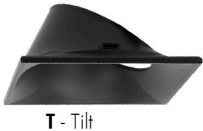


Decorative Bezel Options

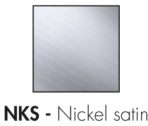
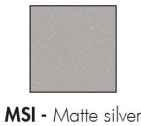
RD - Compatible Round Decorative Bezels



SQ - Compatible Square Decorative Bezels



Standard Finishes - Decorative Bezels



\*Custom color: specify 4-digit RAL K7 color.

\*\*Special color: choose one of the standard Point Source colors from the Point Source product brochure or Lumencore Cylinder specification sheets. Contact manufacturer for additional information.

Trim Shape Options

RD - Compatible Round Trim Shapes



SQ - Compatible Square Trim Shapes



Standard Finishes - Trims



MWH - Matte white



MBK - Matte black



MSI - Matte silver



NKS - Nickel satin



CC - Custom colour\*

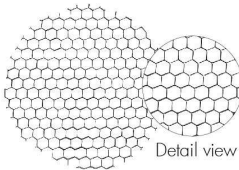


SP - Special colour\*\*

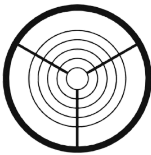
\*Custom color: specify 4-digit RAL K7 color.  
\*\*Special color: choose one of the standard Point Source colors from the Point Source product brochure or Lumencore Cylinder specification sheets. Contact manufacturer for additional information.

Optical Accessories

HL - Honeycomb Louver



XLVR - Concentric Ring Louver



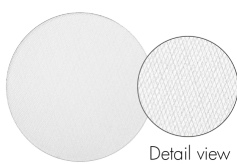
CL - Clear Glass Lens



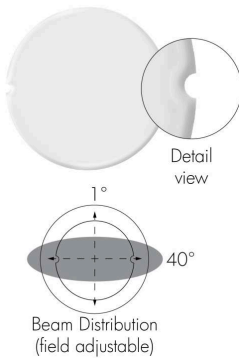
SL - Softening Glass Lens



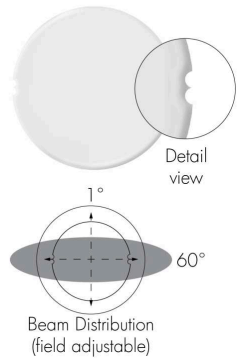
PD - Prismatic Diffuser



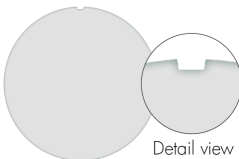
LSN - Linear Spread Lens Narrow (1° x 40°)



LSW - Linear Spread Lens Wide (1° x 60°)

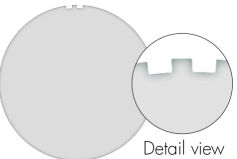


BW1 - Beam Widening Lens (+10°)



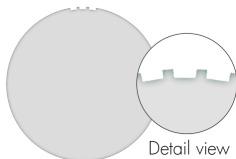
Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

BW2 - Beam Widening Lens (+20°)



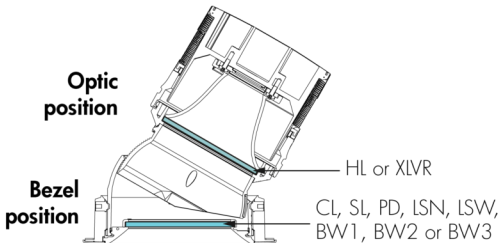
Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

BW3 - Beam widening lens (+30°)



Refer to Beam Widening Lens table for beam distribution based on optic installed in the fixture.

Optical Accessories - Installation Options (Field Changeable)



Accessories specified in the fixture code will ship from the factory in the position shown above.

Optics

TIR Optic - Total Internal Reflection



Applicable to XN (5°), VN (10°), NS (15°) and N (25°) distributions.

Semi-Specular Reflector



Applicable to NR (25°) and M (40°) distributions.

Faceted Reflector



Applicable to NFR (25°) and MFR (40°) distributions.

Beam Widening Lenses

|     | Optic installed in fixture |           |           |          |           |            |          |            |
|-----|----------------------------|-----------|-----------|----------|-----------|------------|----------|------------|
|     | XN<br>5°                   | VN<br>10° | NS<br>15° | N<br>25° | NR<br>25° | NFR<br>25° | M<br>40° | MFR<br>40° |
| BW1 | 11°                        | 13°       | 17°       | 30°      | 30°       | 30°        | 41°      | 41°        |
| BW2 | 21°                        | 22°       | 24°       | 34°      | 34°       | 34°        | 45°      | 45°        |
| BW3 | 30°                        | 31°       | 33°       | 41°      | 41°       | 41°        | 50°      | 50°        |

The above beam angles are nominal beam angles.  
Variations in beam angles can be seen due to different LES sizes. For exact beam calculations please consult factory.  
Beam widening lenses should not be used with other accessories with the nominal results above.

Interchangeable Optics

|                        | Optic installed in fixture |           |           |                       |                      |                     |                       |                     |
|------------------------|----------------------------|-----------|-----------|-----------------------|----------------------|---------------------|-----------------------|---------------------|
|                        | XN<br>5°                   | VN<br>10° | NS<br>15° | N<br>25°              | NR<br>25°            | NFR<br>25°          | M<br>40°              | MFR<br>40°          |
| Interchangeable optics | N/A                        | N/A       | N/A       | NR<br>NFR<br>M<br>MFR | N<br>NFR<br>M<br>MFR | N<br>NR<br>M<br>MFR | N<br>NR<br>NFR<br>MFR | N<br>NR<br>NFR<br>M |

The optic options listed above are field changeable. Consult factory and installation instructions for details.  
\* Consult the Lumencore Recessed Small Wallwash specification sheet for details.

Power Consumption

Static White Color Temperatures

| Power consumption [W] |                    |       |          |      |         |      |                                                      |      |         |      |
|-----------------------|--------------------|-------|----------|------|---------|------|------------------------------------------------------|------|---------|------|
| Output [lm]           | XN (5°) - VN (10°) |       | NS (15°) |      |         |      | N (25°) - NR (25°) - NFR (25°) - M (40°) - MFR (40°) |      |         |      |
|                       | 120 V              | 277 V | 120 V    |      | 277 V   |      | 120 V                                                |      | 277 V   |      |
|                       | CR80/90            |       | CR80/90  | CR95 | CR80/90 | CR95 | CR80/90                                              | CR95 | CR80/90 | CR95 |
| 700                   | 13                 | 15    | 9.5      | 10   | 10.5    | 12   | 8.5                                                  | 9    | 9.5     | 11   |
| 1000                  | 17*                | 18*   | 13       | 14.5 | 14      | 16   | 10                                                   | 13   | 12      | 15   |
| 1300                  | 23*                | 24*   | 15       | 20   | 16      | 21   | 13                                                   | 15   | 15      | 16   |
| 2000                  | N/A                | N/A   | 23       | N/A  | 24      | N/A  | 20                                                   | 23   | 21      | 24   |
| 3000                  | N/A                | N/A   | N/A      | N/A  | N/A     | N/A  | 25**                                                 | 42** | 26**    | 42** |
| 4000                  | N/A                | N/A   | N/A      | N/A  | N/A     | N/A  | 33**                                                 | N/A  | 34**    | N/A  |
| 5000                  | N/A                | N/A   | N/A      | N/A  | N/A     | N/A  | 41**                                                 | N/A  | 41**    | N/A  |

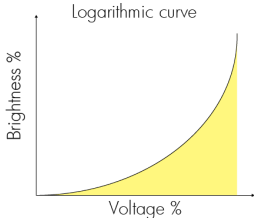
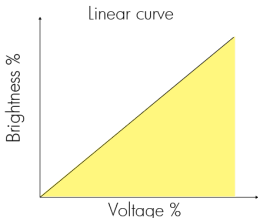
\*Not applicable to XN optic.  
\*\*Not applicable to N optic.

Dynamic Colors

| Power consumption [W] |                                            |                  |            |                  |
|-----------------------|--------------------------------------------|------------------|------------|------------------|
| Output [lm]           | NR (25°) - NFR (25°) - M (40°) - MFR (40°) |                  |            |                  |
|                       | 120 V                                      |                  | 277 V      |                  |
|                       | DTW - DTWP                                 | DWW - DWH - DWWP | DTW - DTWP | DWW - DWH - DWWP |
| 1000                  | 14                                         | N/A              | 15         | N/A              |
| 1300                  | 17                                         | 26               | 18         | 26               |
| 2000                  | 27                                         | N/A              | 28         | N/A              |

- Power consumption values are for non-insulated ceiling (RM and NC) and remote recessed insulated ceiling/plenum (RMR) installation types. For plenum ceiling (PC), and new construction insulated ceiling (IC and IC/AT) installation types, remove 2 watts per fixture.
- Add 3 watts per fixture when specifying LT control option.
- Add 2 watts per fixture when specifying DMX/RDM control option.
- Add 1.5 watts per fixture when specifying PPH2, CA, NL, NLER or NL347 control option.
- Add 1 watt per fixture when specifying VI control option.
- Add 3 watts per fixture when specifying 347V.

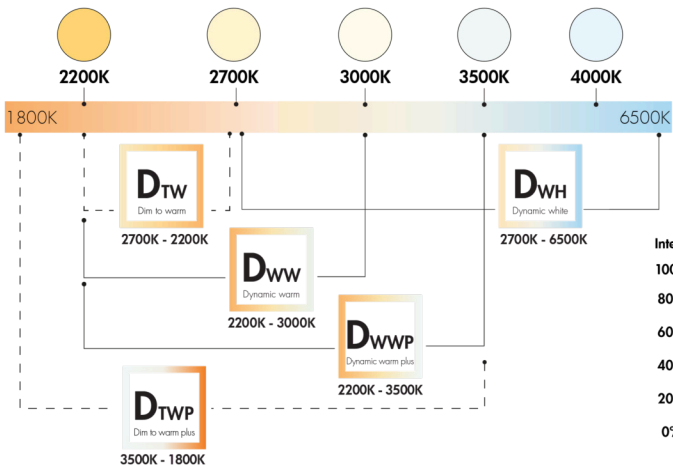
Control



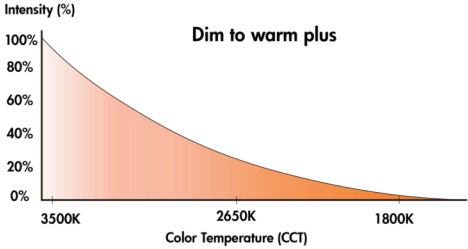
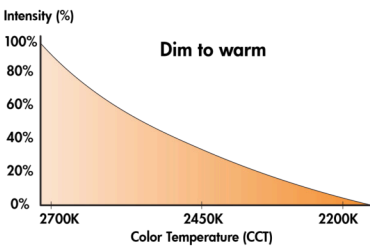
| Dimming              | Control options with linear dimming curve |     |       |     |     |    |        | Control options with logarithmic dimming curve |        |        |                     |
|----------------------|-------------------------------------------|-----|-------|-----|-----|----|--------|------------------------------------------------|--------|--------|---------------------|
| Dimming down to 0.1% | PDA1                                      | ESP | DALI1 |     |     |    |        | PDA2                                           | DALI2  | DALIT8 |                     |
| Dimming down to 1%   | DA1                                       | DA3 | DAMC  | PPH | PHB | ES | SDALI1 | DA2                                            | SDALI2 | DALIT8 | DMXrdrm* lumen talk |

Color and Color Temperature

Color Temperature Ranges

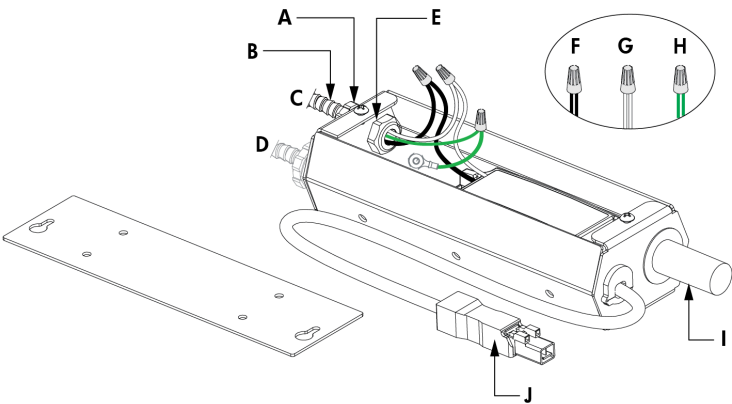


- 1 channel (DTW, DTWP) Compatible with: DA1 ES SDALI1 SDALI2 DMXrdm lumen talk
  - 2 channels\* (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
  - 3 channels (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
- \*Can be changed in the field via RDM & IT for individual CCT control.



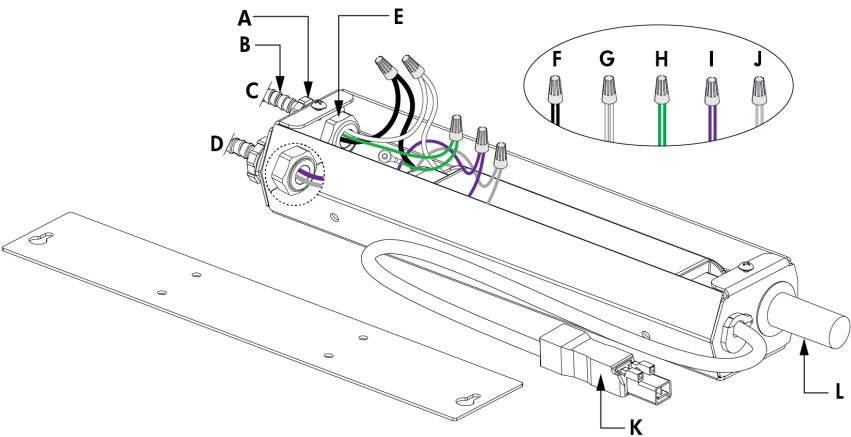
Wiring Details RM: Remodel Non-Insulated Ceiling (Non-Plenum Rated)

NO And PH Controls - Wiring Detail



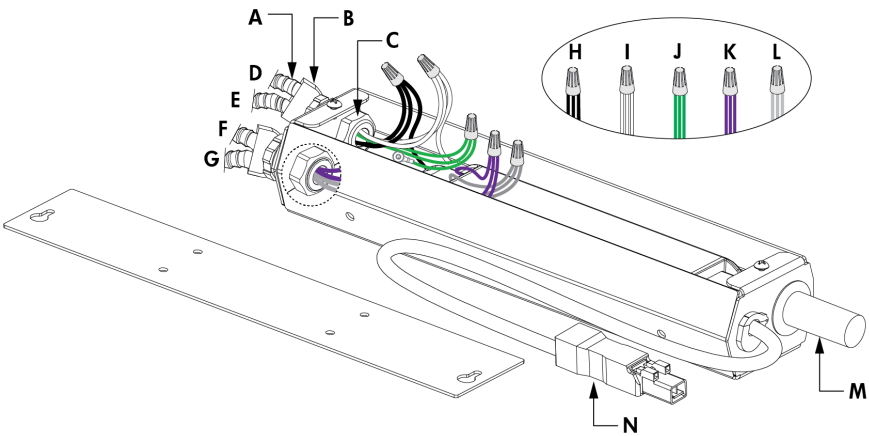
- A - Conduit fitting (by others)
- B - Conduit (by others)
- C - Power Input
- D - Optional Output
- E - Locknut (by others)
- F - Line
- G - Neutral
- H - Ground
- I - Thermal protector
- J - Output to luminaire

Other Controls - Wiring Detail



- A - Conduit fitting (by others)
- B - Conduit (by others)
- C - Power Input
- D - Data Input from Control System
- E - Locknut (by others)
- F - Line
- G - Neutral
- H - Ground
- I - Data +
- J - Data -
- K - Output to luminaire
- L - Thermal protector

Other Controls - Daisy Chain Layout Wiring Detail

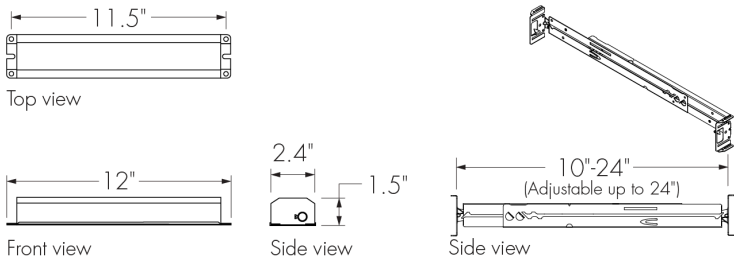


- A - Conduit (by others)
- B - Duplex connector (by others)
- C - Locknut (by others)
- D - Power Output to next luminaire
- E - Power input
- F - Data Output to next luminaire
- G - Data Input from Control System
- H - Line
- I - Neutral
- J - Ground
- K - Data +
- L - Data -
- M - Thermal protector
- N - Output to luminaire

Remodel driver box varies by control option. Refer to installation instructions for additional wiring details.

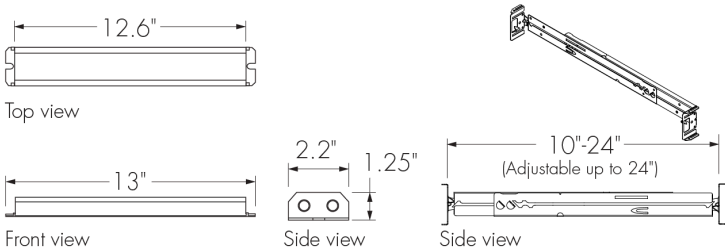
Options

EBB - Emergency Battery Backup With Hanger Bar (Bodine BSL17C-C2)



Hardware to mount the battery backup to the hanger bar is included. A test button is included. The unit comes pre-wired with 2 ft flexible conduit in and out. Refer to installation instructions for details.

EBI - Emergency Battery Backup With Hanger Bar (Iota ILB-CP07-A TBTS)



Hardware to mount the battery backup to the hanger bar is included. A test button is included. The unit comes pre-wired with 2 ft flexible conduit in and out. Refer to installation instructions for details.

Diagnostic And Addressing Tools (Order Separately)

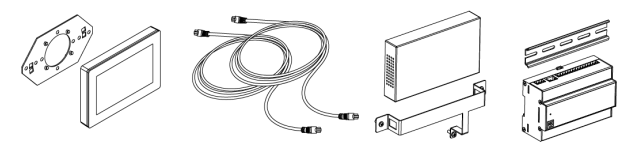
LID - LumenID



The updated LumenID (LID) is an all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

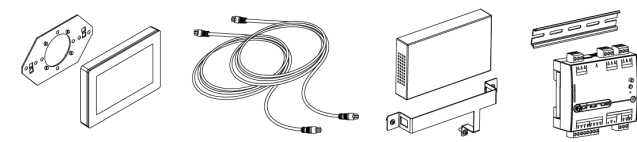
Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit



The Pharos Designer Lighting Control Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

EXPERT - Pharos® Expert Control Kit



The Pharos Expert Control Kit, available for 1, 2, 4 or 6 DMX universes, allows for complete control of large lighting installations.

How to Order

| Housing <sup>(1)</sup>                        | Certification | Type       | Voltage                                                                                                                         | Cutout                        | Output<br>(Nominal<br>Lumens)                                                                                                                                                                                                                                                        | Color and<br>Color<br>Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Color<br>Rendering                                      | Optics<br>(Nominal<br>Distribution)                                                                                                                                                                                                                                                                                                                                                                                                                   | Control <sup>(22)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|---------------|------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCRS<br>Lumencore<br>Recessed<br>Small - 4 in | A<br>UL/cUL   | FT<br>Tilt | 120<br>120 Volts<br><br>277<br>277 Volts<br><br>347<br>347 Volts <sup>(2)</sup><br><sup>(3)</sup> <sup>(4)</sup> <sup>(5)</sup> | R<br>Round<br><br>S<br>Square | L07<br>700 lm<br><br>L10<br>1000 lm<br><br>L13<br>1300 lm<br><br>L20<br>2000 lm<br><br>L30<br>3000 lm <sup>(6)</sup><br><sup>(7)</sup><br><br>L40<br>4000 lm <sup>(7)</sup><br><sup>(8)</sup> <sup>(9)</sup><br><br>L50<br>5000 lm <sup>(8)</sup><br><sup>(10)</sup> <sup>(11)</sup> | 22K<br>2200K <sup>(9)</sup><br><sup>(12)</sup><br><br>27K<br>2700K <sup>(12)</sup><br><br>30K<br>3000K <sup>(12)</sup><br><br>35K<br>3500K <sup>(12)</sup><br><br>40K<br>4000K <sup>(12)</sup><br><br>DTW<br>Dim to<br>Warm<br>(2700K to<br>2200K) <sup>(13)</sup><br><sup>(14)</sup> <sup>(15)</sup><br><br>DTWP<br>Dim to<br>Warm Plus<br>(3500K to<br>1800K) <sup>(13)</sup><br><sup>(14)</sup> <sup>(15)</sup><br><br>DWH<br>Dynamic<br>White<br>(2700K to<br>6500K) <sup>(14)</sup><br><sup>(16)</sup> <sup>(17)</sup><br><br>DWW<br>Dynamic<br>Warm<br>White<br>(2200K to<br>3000K) <sup>(14)</sup><br><sup>(16)</sup> <sup>(17)</sup><br><br>DWWP<br>Dynamic<br>Warm<br>White Plus<br>(2200K to<br>3500K) <sup>(14)</sup><br><sup>(16)</sup> <sup>(17)</sup> | 80<br>CRI 80+<br><br>90<br>CRI 90+<br><br>95<br>CRI 95+ | XN<br>Extra<br>Narrow<br>Spot<br>Distribution<br>5° <sup>(18)</sup><br><br>VN<br>Very<br>Narrow<br>Spot<br>Distribution<br>10° <sup>(19)</sup><br><br>NS<br>Narrow<br>Spot<br>Distribution<br>15° <sup>(20)</sup><br><br>N<br>Narrow<br>Distribution<br>25° <sup>(21)</sup><br><br>NR<br>Narrow<br>Reflector<br>25°<br><br>NFR<br>Narrow<br>Faceted<br>Reflector<br>25°<br><br>M<br>Medium<br>40°<br><br>MFR<br>Medium<br>Faceted<br>Reflector<br>40° | NO<br>On/Off Control <sup>(23)</sup> <sup>(24)</sup><br><br>NO3<br>On/Off Control 347V <sup>(2)</sup> <sup>(3)</sup><br><br>DAMC<br>Standard 0-10V Dimming 1% Linear Curve <sup>(4)</sup> <sup>(24)</sup> <sup>(25)</sup> <sup>(26)</sup> <sup>(27)</sup><br><br>DA1<br>Standard 0-10V Dimming 1% Linear Curve <sup>(24)</sup> <sup>(28)</sup><br><br>DA2<br>Standard 1-10V Dimming 1% Logarithmic Curve <sup>(24)</sup> <sup>(28)</sup><br><br>DA3<br>Standard 0-10V Dimming 1% Linear Curve (347V) <sup>(2)</sup> <sup>(3)</sup><br><br>PDA1<br>Professional 0-10V Dimming 0.1% Linear Curve <sup>(24)</sup> <sup>(28)</sup><br><br>PDA2<br>Professional 0-10V Dimming 0.1% Logarithmic Curve <sup>(24)</sup> <sup>(28)</sup><br><br>PH<br>Phase Dimming <sup>(29)</sup> <sup>(30)</sup><br><br>PPH<br>Phase Dimming 1% <sup>(3)</sup> <sup>(4)</sup> <sup>(27)</sup> <sup>(30)</sup> <sup>(31)</sup><br><br>PHB<br>Pro Phase Dimming ERP PHB Series <sup>(4)</sup> <sup>(26)</sup> <sup>(32)</sup> <sup>(33)</sup> <sup>(34)</sup><br><br>ES<br>Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black <sup>(24)</sup><br><sup>(35)</sup> <sup>(36)</sup><br><br>ESP<br>Lutron® Hi-lume Premier 0.1% EcoSystem® PEQ0 Soft-on/Fade-to-Black<br><sup>(24)</sup> <sup>(37)</sup> <sup>(38)</sup><br><br>CA<br>Lutron® Caséta dimming compatible (Lutron Hi-lume 1% 2-wire LTEA)<br>(temporarily unavailable) <sup>(3)</sup> <sup>(30)</sup> <sup>(32)</sup> <sup>(39)</sup> <sup>(40)</sup><br><br>VI<br>Lutron® Vive control enabled (Lutron VIVE FCJS-010) <sup>(24)</sup> <sup>(41)</sup> <sup>(42)</sup><br><br>NL<br>nLight® control enabled (nPS-80-EZ) <sup>(24)</sup> <sup>(41)</sup> <sup>(42)</sup><br><br>NLER<br>nLight® emergency control enabled (nPS-80-EZ-ER) <sup>(24)</sup> <sup>(41)</sup> <sup>(42)</sup><br><br>NL347<br>nLight® control enabled 347V (nPS-80-EZ-347) <sup>(3)</sup> <sup>(32)</sup> <sup>(41)</sup> <sup>(42)</sup><br><br>SDALI1<br>Standard DALI Dimming 1% Linear Curve <sup>(24)</sup><br><br>SDALI2<br>Standard DALI Dimming 1% Logarithmic Curve <sup>(24)</sup><br><br>DALI1<br>Professional DALI Dimming 0.1% Linear Curve <sup>(24)</sup><br><br>DALI2<br>Professional DALI Dimming 0.1% Logarithmic Curve <sup>(24)</sup><br><br>DALIT8<br>DALI-2 T8 Enabled Dimming 1% <sup>(3)</sup> <sup>(24)</sup> <sup>(43)</sup> <sup>(44)</sup><br><br>DMX/RDM<br>DMX/RDM Enabled Dimming 1% <sup>(24)</sup> <sup>(45)</sup> <sup>(46)</sup> <sup>(47)</sup><br><br>LT<br>Lumentalk Enabled Dimming <sup>(24)</sup> <sup>(48)</sup> |

Notes:

1. Refer to website product configurator for all exceptions.

2. Not available for 700 lumens. Not available for 1000 lumens when combined with 80 color rendering option.

3. Not available for XN and VN optics.

4. Not available for DTW, DTWP, DWH, DWW or DWWP color options.

5. Not available for CR90.

6. Available for NR, NFR, M and MFR optics only.

7. Not available with PC, IC, IC/AT or RMR installation types.

8. Available for NR, NFR, M and MFR optics only.

9. Available for CRI 80 only.

10. Available for CR90 only.

11. Available for RM and NC Installation Types only.

12. Compatible with all control options except for DALIT8.

13. Available for 1000, 1300 and 2000 lumens when combined with 90 color rendering option and NR, NFR, M or MFR optics only.

14. NFR and MFR faceted reflector optics are recommended for optimal performance.

15. Compatible with DA1, ES, SDALI1, SDALI2, DMX/RDM and LT control options only.

16. Available for 1300 lumens when combined with 80 color rendering option and NR, NFR, M or MFR optics only.

17. Compatible with LT, DMX/RDM and DALI8 control options only.

18. Available for 700 lumens when combined with 80 or 90 color rendering options and 27K, 30K, 35K or 40K color temperature options only.

19. Available up to 1300 lumens when combined with 80 or 90 color rendering options and 27K, 30K, 35K or 40K color temperature options only.

20. Available up to 2000 lumens when combined with 80 color rendering option. Available up to 1300 lumens when combined with 90 or 95 color rendering options.

21. Available up to 2000 lumens when combined with 80, 90 or 95 color rendering options.

22. Control options vary according to color temperature, color rendering, optics and installation type combination. Refer to website product configurator for details.

23. Manufacturer's choice driver. Order code may change to NO1.

24. Not available with 347V.

25. Manufacturer's choice driver. Order code may change to DAMC1 or DAMC2.

26. Not available for XN and VN optics.

27. Available up to 3000 lumens when combined with 80 color rendering option. Available up to 2000 lumens when combined with 90 or 95 color rendering options.

28. Driver cuts off power to the fixture when the control signal drops below 0.5V.

29. Manufacturer's choice driver. Order code may change to PH1 or PH2.

30. Available for 120V voltage option only.
31. Manufacturer's choice driver. Order code is subject to change.

32. Not available for 700 lumens.

33. Not available for N, NFR, NR, M, MFR, W and WFR optics when combined with 1000 lumens.

34. Not available for 5000 lumens when combined CR80.

35. One EcoSystem® address per fixture. Available for static white color temperature options and DTW, DTWP color options only.

36. Available for 3000 lumens and 4000 lumens only.

37. One EcoSystem® address per fixture. Lutron® EcoSystem® Enabled dimming not available for 1300 lumens combined with VN optic. Available for static white color temperatures only.

38. Not available for 3000 and 4000 lumens.

39. Consult factory for CA control option.

40. Requires Caseta Wireless Dimmer PRO Wall Dimmer.

41. Available for RM, NC And RMR installation types only.

42. When used with RMR installation type, the installer is responsible for verifying the wireless distance limitations of the main controller to the remote driver installation.

43. Available for DWH, DWW and DWWP color options only. DALI-2 Type 8 controller required.

44. Not available for PC, IC or IC/AT installation types.

45. Configurable between 8 or 16-bit dimming control via RDM. DMX/RDM requires LumenID, LumenID software and onsite commissioning.

46. A Control Box (CBX-DS or CBX-ST) and lumenID (LID) must be specified.

47. Configurable to 1, 2, or 3 channel control via RDM in the field.

48. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

How to Order

| Decorative Bezel                                     | Decorative Bezel Finish                                                                                                                                                                                                                                                                                                  | Trim                                                                                                                                                                                                                                   | Trim Finish                                                                                                                                                                                                                     | Installation Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ceiling Thickness <sup>(58)</sup>                                                              | Option                                                                                                                                                                                                                                                                                                             | Accessories <sup>(45)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>T</b><br>Tilt (0° rotation, factory set 30° tilt) | <b>MWH</b><br>Matte White<br><b>MBK</b><br>Matte Black<br><b>MSI</b><br>Matte Silver<br><b>NKS</b><br>Nickel Satin<br><b>DCH</b><br>Dark Chrome<br><b>BCH</b><br>Bright Chrome<br><b>SWT</b><br>Satin Wheat<br><b>CC</b><br>Custom Color Trim <sup>(49)</sup><br><b>SP</b><br>Special Point Source Color <sup>(50)</sup> | <b>RD</b><br>Round <sup>(51)</sup><br><b>TLR</b><br>Trimless Round <sup>(51)</sup><br><b>SQ</b><br>Square <sup>(52)</sup><br><b>SR</b><br>Square Trim with Round Hole <sup>(51)</sup><br><b>TLS</b><br>Trimless Square <sup>(52)</sup> | <b>MWH</b><br>Matte White<br><b>MBK</b><br>Matte Black<br><b>MSI</b><br>Matte Silver<br><b>NKS</b><br>Nickel Satin<br><b>CC</b><br>Custom Color Trim <sup>(49)</sup><br><b>SP</b><br>Special Point Source Color <sup>(50)</sup> | <b>RM</b><br>Remodel Non-Insulated Ceiling (Non-Plenum Rated) <sup>(53)</sup><br><b>NC</b><br>New Construction Non-Insulated Ceiling (Non-Plenum Rated) <sup>(53)</sup><br><b>PC</b><br>Plenum Non-Insulated Ceiling (Enclosed Box) <sup>(54) (55) (56)</sup><br><b>IC</b><br>New Construction Insulated Ceiling (Enclosed Box) <sup>(54) (55) (56)</sup><br><b>IC/AT</b><br>New Construction Insulated Ceiling (Chicago Plenum/airtight, enclosed box) <sup>(54) (55) (56)</sup><br><b>RMR</b><br>Remote Recessed Insulated Ceiling/Plenum (enclosed box) <sup>(54) (55) (56) (57)</sup> | <b>1</b><br>0.04 in to 1 in Ceiling Thickness<br><b>2</b><br>1.05 in to 2 in Ceiling Thickness | <b>EBB</b><br>Emergency Battery Backup with Hanger Bar (Bodine BSL17C-C2) <sup>(4) (24) (59) (60) (61)</sup><br><b>EBI</b><br>Emergency Battery Backup with Hanger Bar (Iota ILB-CP07-A TBTS) <sup>(4) (24) (59) (60) (61)</sup><br><b>WET</b><br>IP54 Rating Suitable for Wet Locations <sup>(62) (63) (64)</sup> | <b>NA</b><br>No Accessory<br><b>HL</b><br>Honeycomb Louver <sup>(66)</sup><br><b>XLVR</b><br>Concentric Ring Louver <sup>(67) (68)</sup><br><b>CL</b><br>Clear Glass Lens<br><b>SL</b><br>Softening Glass Lens<br><b>PD</b><br>Prismatic Diffuser <sup>(69)</sup><br><b>LSN</b><br>Linear Spread Lens Narrow (1° x 40°) <sup>(70) (71)</sup><br><b>LSW</b><br>Linear Spread Lens Wide (1° x 60°) <sup>(71) (72)</sup><br><b>BW1</b><br>Beam Widening Lens (+10°) <sup>(71)</sup><br><b>BW2</b><br>Beam Widening Lens (+20°) <sup>(71)</sup><br><b>BW3</b><br>Beam Widening Lens (+30°) <sup>(71)</sup> |

Notes:

- 4.** Not available for DTW, DTWP, DWH, DWW or DWWP color options.

**24.** Not available with 347V.

**38.** Not available for 3000 and 4000 lumens.

**49.** Longer lead times can be expected for custom RAL color finishes.

**50.** Refer to Cylinder specification sheet and brochure for color options.

**51.** Cannot be combined with square ceiling cutout.

**52.** Cannot be combined with round ceiling cutout.

**53.** Available for 700 lumens when combined with XN optic and up to 1300 lumens when combined with VN optic. Available up to 2000 lumens when combined with NS and N optics and up to 4000 lumens when combined with NR, NFR, M and MFR optics. Refer to optic option notes for color rendering limitations.

**54.** Available for 700 lumens when combined with XN optic and up to 1300 lumens when combined with VN and NS optics. Available up to 2000 lumens when combined with N, NR, NFR, M and MFR optics. Refer to optic option notes for color rendering limitations.

**55.** Not available for 2000 lumens when combined with DTW and DTWP color options.

**56.** Not available for DWH, DWW or DWWP color options.

**57.** Remote distance is a maximum of 75 ft. For longer remote distances, please contact Lumenpulse Application Engineering Team for application validation.

**58.** Ceiling springs are field changeable, consult factory and installation instructions for details.

**59.** Available for RM and NC installation types only.
- 60.** Emergency battery backup options require ceiling access for test button use. The battery will operate for 90 minutes minimum and maintain a minimum of 1 fc from a 7 ft 2 in height as per UL 924. For indoor use only in dry or damp locations.

**61.** Emergency battery backup options are field installed and not presided by Lumenpulse. Refer to related installation instructions for details.

**62.** Wet option respects the IEC 60529:2013 standard.

**63.** A CL, SL or PD must be specified to maintain an IP54 rating. A second accessory may be specified.

**64.** IP54 rating only if installation is interior covered recessed ceiling-mounted or exterior canopy-mounted.

**65.** Maximum one accessory per position (optic and bezel). HL and XLVR accessories are installed in optic position. CL, SL, PD, LSN, LSW, BW1, BW2 and BW3 accessories are installed in bezel position. Refer to specification sheet for details.

**66.** Not available for DTW and DTWP color options.

**67.** Available for XN, VN and NS optics only.

**68.** Can be combined with PD accessory only.

**69.** Recommended to be combined with HL or XLVR accessory only.

**70.** Recommended for XN, VN, NS, N, NR and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color temperature options. Nominal 10° x 40° distribution when used with the NS optic. Available for NFR optic when combined with DTW, DTWP, DWH, DWW or DWWP color options only.

**71.** For optimal performance, it is not recommended to mix with other accessories.

**72.** Recommended for XN, VN, NS, N, NR and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color temperature options. Nominal 10° x 60° distribution when used with the NS optic. Available for NFR optic when combined with DTW, DTWP, DWH, DWW or DWWP color options only.