

## 4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM NEW CONSTRUCTION: IC & NON IC



WARM DIM

### GENERAL INFORMATION

#### USE OF PRODUCT

The 4" Prime series with Warm Dim is the ideal product for architectural energy efficient lighting in commercial and residential applications. Available options include die-cast trims, various optics, and dimmable drivers. Warm Dim color temperature gradually transitions from 3000K to 1800K simulating natural sunsets.

#### LED ENGINE

LED engine available with Warm Dim standard 90+ CRI. 2-step MacAdam ellipse allows for color consistency between fixtures. The LED is mounted to an aluminum heat sink for maximum life output and thermal management. Light engine provides a quick disconnect with locking strain relief to housing.

#### FRAME CONSTRUCTION

IC and Non-IC rated housing are constructed from a 16-gauge heavy-duty, powder-coated cold-rolled steel frame and includes a junction box with ½" knockouts. Butterfly brackets (included) accommodate universal or C-channel hangers (order separately).

#### ADJUSTMENT

- Light engine allows for hot aiming from 0-40°, consult factory for other tilt setting.  
- Housing supports 359° locking rotation.  
- Aperture collar compatible up to 1½" ceiling thickness. Consult factory for made-to-order aperture collars exceeding 1½".

#### OPTICAL LENS

Field replaceable optical lenses are available in 30°, 35°, 40°, 50° and 60°. Easily achieve narrow spot to wide flood beam pattern.

#### DIMMING

Available in nine driver selections. (ID) Standard all-inclusive ELV (120V), Triac (120V), and 0-10V (120-277V) dimming driver called Intelligent Drive, (EEI) eldoLED 1% Dim 0-10V, (EES) eldoLED 1% Dim 0-10V (120-277V) and Triac (120V), Max 20W, (EDIO) eldoLED 0.1 Dim 0-10V, (EDID) eldoLED 0.1% Dim DALI, (EDD) eldoLED 1% Dim DALI2, (LDE1) Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming, (L3DA) Hi-Lume 1% Ecosystem/3-Wire L3D Driver, (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming.

#### BEVEL

Bevel includes standard frosted acrylic diffuser. Remove standard frosted acrylic diffuser in field for 7% lumens increase. Consult factory for made-to-order finishes. Wet location for bathrooms and showers with standard lens on trim.

#### EMERGENCY BATTERY

Optional Emergency Battery (EM) available in 4W (≈400 lm), 8W (≈800 lm), or 15W (≈1,500 lm) available for a minimum of 90 minutes. Please review page 6 for integral or remote EM and test switch options with solutions that allow for EM replacement from below the ceiling.

#### LABELS/COMPLIANCE/WARRANTY

- CSA Listed for US and Canada.
- Energy Star certified product.
- Dry/Damp/Wet location rated.
- State of California Title 24 and JA8 compliant.
- 5-year limited warranty.



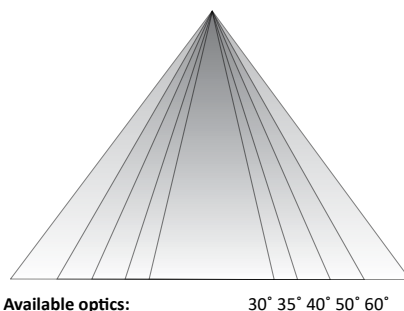
### GENERAL PERFORMANCE CHART

\*Detailed performance chart may be found on page 3

|                         | 6W      | 9W      | 12W     | 15W     | 20W      |
|-------------------------|---------|---------|---------|---------|----------|
| <b>Initial Lumens</b>   | 474     | 697     | 970     | 1209    | 1543     |
| <b>Delivered Lumens</b> | 209-350 | 308-513 | 430-713 | 538-889 | 693-1142 |

\*Delivered lumens range based on beam spread.  
Performance may vary +/- 5%

### BEAM SPREAD



Available optics:

30° 35° 40° 50° 60°

- Field replaceable TIR optics
- Easily achieve narrow spot to wide flood beam pattern
- Optional filters available upon request

### PRIME FAMILY OF PRODUCTS



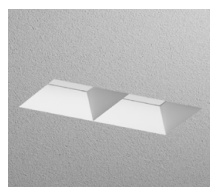
Downlight



TechZone®



WoodWorks®



Multiple Dedicated Bevel



Multiple Open Bevel



Cylinder



Square Luminaire

4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM

NEW CONSTRUCTION: IC & NON IC

ORDERING INFORMATION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |                                                                                 |                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Series</b><br>RPA4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Wattage</b><br>6W - 6 Watt<br>9W - 9 Watt<br>12W - 12 Watt<br>15W - 15 Watt<br>20W - 20 Watt                  | <b>Dimming</b><br>ID <sup>1</sup> - Standard All-Inclusive ELV, Triac, and 0–10V Dimming Driver (Intelligent Drive)<br>EEI <sup>2</sup> - eldoLED 1% Dim (0–10V)<br>EEIS <sup>3</sup> - eldoLED 1% Dim 0-10V (120-277V), Triac (120V), Max 20W<br>EDIO <sup>2</sup> - eldoLED 0.1% Dim (0-10V)<br>EDID <sup>2</sup> - eldoLED 0.1% Dim (DALI)<br>EDD <sup>2</sup> - eldoLED 1% Dim (DALI2)<br>LDE1 <sup>4</sup> - Lutron Hi-Lume 1% Ecosystem with Soft-on, Fade-to-Black Dimming<br>L3DA <sup>4</sup> - Hi-Lume 1% Ecosystem/3-Wire L3D Driver<br>PEQ0 - Lutron Hi-Lume Premier Ecosystem 0.1% with Soft-on, Fade-to-Black Dimming | <b>Color Temperature</b><br>WD - Warm Dim                                                                           | <b>Optical Lens</b><br>30 - 30°<br>35 - 35°<br>40 - 40°<br>50 - 50°<br>60 - 60° | <b>Filter</b><br>Blank - None<br>F - Frosted Filter<br>H - Honey Comb<br>S - Solite Filter<br>L - Linear Filter |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |                                                                                 |                                                                                                                 |
| <b>Housing Type</b><br>IC - IC Air-Tight New Construction<br>NC - Non-IC New Construction                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Collar</b><br>CR15 <sup>5</sup> - 1.5" Depth<br>CR20 - 2.0" Depth<br>CR25 - 2.5" Depth<br>MTO - Made To Order | <b>Module Type</b><br>AMH - Adjustable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Frame Accessories</b><br>UH - Universal Bar Hanger<br>C - C-Channel Bar Hanger                                   |                                                                                 |                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |                                                                                 |                                                                                                                 |
| <b>Options</b><br>ER4W <sup>6</sup> - Emergency Battery with Remote Switch (400 lm)<br>EI4W <sup>6</sup> - Emergency Battery with Integral Switch (400 lm)<br>ER8W <sup>7</sup> - Emergency Battery with Remote Switch (800 lm)<br>EI8W <sup>7</sup> - Emergency Battery with Integral Switch (800 lm)<br>ER15W <sup>7</sup> - Emergency Battery with Remote Switch (1,500 lm)<br>EI15W <sup>7</sup> - Emergency Battery with Integral Switch (1,500 lm)<br>347V - 347V Step down transformer<br>CP <sup>8</sup> - Chicago Plenum |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Wireless Controls</b><br>AWN - Athena Wireless (Lutron)<br>CLM - Connected Lighting Module (Legrand Wattstopper) |                                                                                 |                                                                                                                 |
| <b>Notes</b><br>1. Intelligent Drive is the standard driver.<br>2. Must specify logarithmic or linear eldoLED diver.<br>3. Driver available up to 20W and programmed only in linear mode.<br>4. Not offered in 6W.<br>5. Standard Collar Height.<br>6. Available in IC housing only.<br>7. Ceiling access is required for IC housing to replace the EM unit.<br>8. Requires IC housing.                                                                                                                                           |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |                                                                                 |                                                                                                                 |

TRIM ORDERING INFORMATION

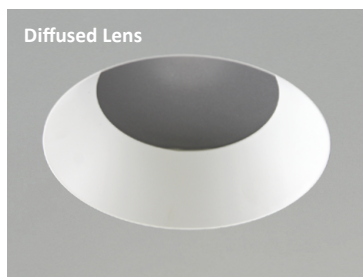
|                                           |                                                                                                                                                     |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Bevel Finish                              | Bevel                                                                                                                                               |
| 4" Round Flangeless Regress Large Opening | 4RLOW - White bevel<br>4RLOH - Haze bevel<br>4RLOWE - Wheat bevel<br>4RLOS - Specular clear bevel<br>4RLOB - Black bevel<br>4RLOMTO - Made to order |
| 4" Round Flangeless Accent                | 4RLAW - White bevel<br>4RLAH - Haze bevel<br>4RLAWE - Wheat bevel<br>4RLAS - Specular clear bevel<br>4RLAB - Black bevel<br>4RLAMTO - Made to order |

4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM  
NEW CONSTRUCTION: IC & NON IC

## PERFORMANCE CHART

| Optics |                  | 30°  | 35°  | 40°  | 50°  | 60°  |
|--------|------------------|------|------|------|------|------|
| 6W     | Initial Lumens   | 474  | 474  | 474  | 474  | 474  |
|        | Delivered Lumens | 327  | 341  | 350  | 315  | 209  |
| 9W     | Initial Lumens   | 697  | 697  | 697  | 697  | 697  |
|        | Delivered Lumens | 478  | 501  | 513  | 451  | 308  |
| 12W    | Initial Lumens   | 970  | 970  | 970  | 970  | 970  |
|        | Delivered Lumens | 664  | 695  | 713  | 622  | 430  |
| 15W    | Initial Lumens   | 1209 | 1209 | 1209 | 1209 | 1209 |
|        | Delivered Lumens | 829  | 868  | 889  | 774  | 538  |
| 20W    | Initial Lumens   | 1543 | 1543 | 1543 | 1543 | 1543 |
|        | Delivered Lumens | 1062 | 1110 | 1142 | 988  | 693  |

## 4RLO REGRESS LARGE OPENING



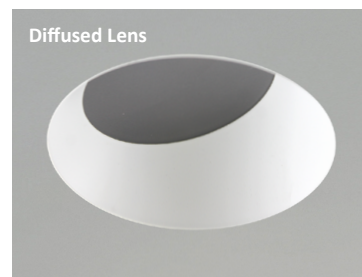
Diffused Lens

No Lens (field removable)

- IES files are based on the large opening trim with diffused lens.

- Not suitable for wet locations
- Increase in lumens by approximately 7%

## 4RLA ACCENT



Diffused Lens

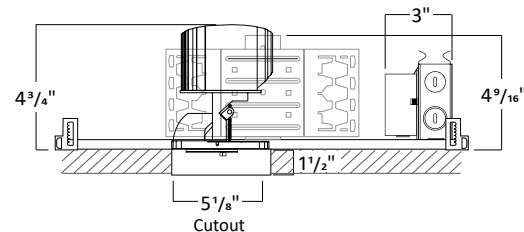
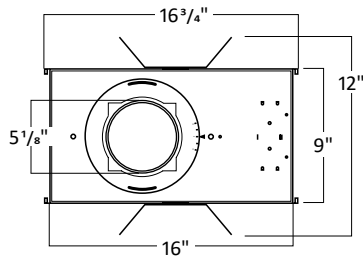
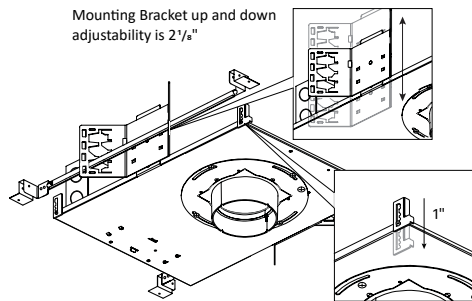
No Lens (field removable)

- IES files are based on the large opening trim with diffused lens.

- Not suitable for wet locations
- Increase in lumens by approximately 7%

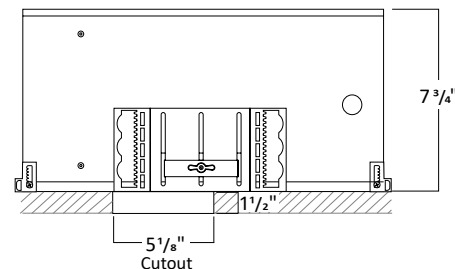
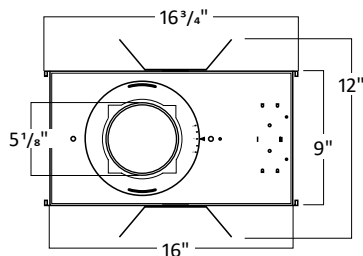
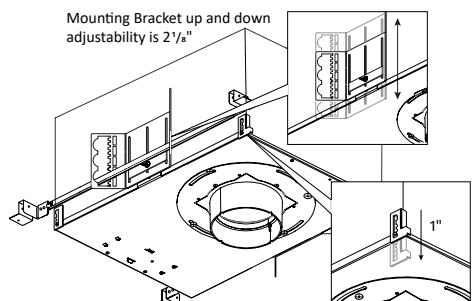
## 4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM NEW CONSTRUCTION: IC & NON IC

### NON-IC HOUSING DIMENSIONS



- 1 1/2" is the standard collar height. Consult factory for Made to Order collar heights.
- Allow 1/8" tolerance.

### IC HOUSING DIMENSIONS



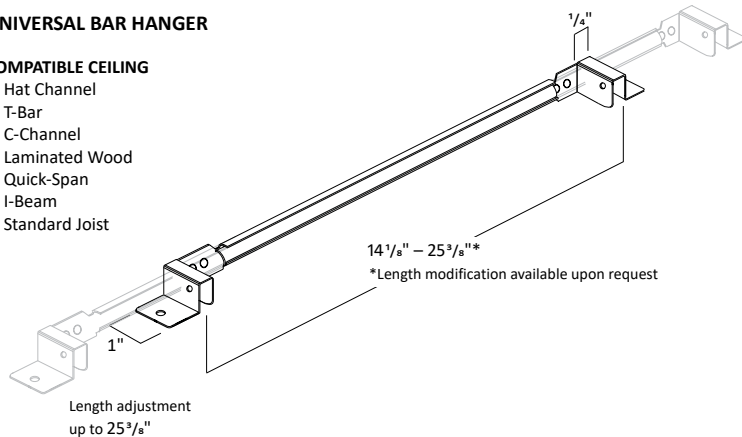
- 1 1/2" is the standard collar height. Consult factory for Made to Order collar heights.
- Allow 1/8" tolerance.

### FRAME ACCESSORIES

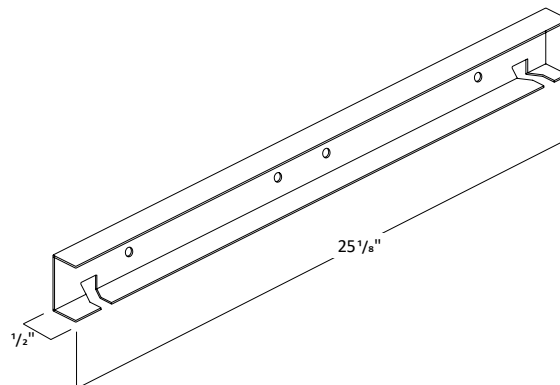
#### UNIVERSAL BAR HANGER

##### COMPATIBLE CEILING

- Hat Channel
- T-Bar
- C-Channel
- Laminated Wood
- Quick-Span
- I-Beam
- Standard Joist

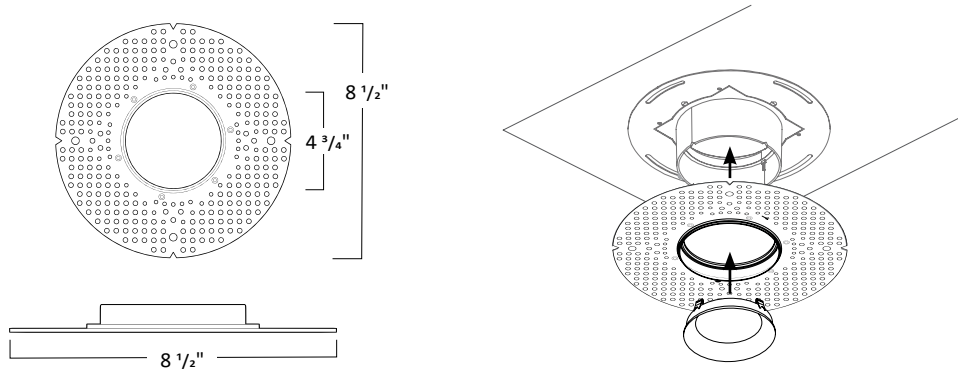


#### C-CHANNEL BAR HANGER

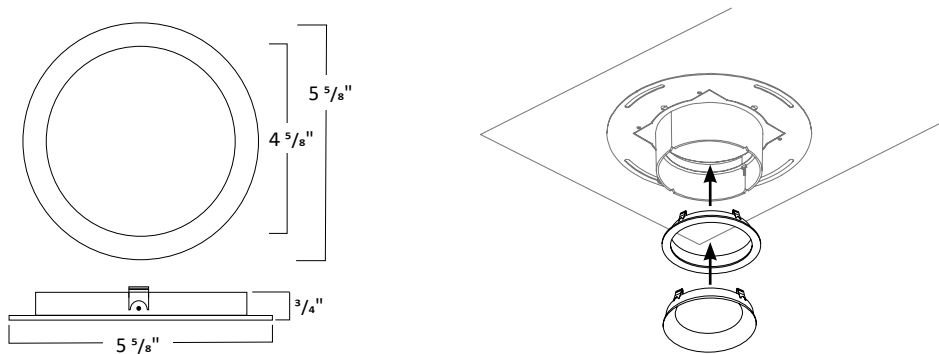


## 4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM NEW CONSTRUCTION: IC & NON IC

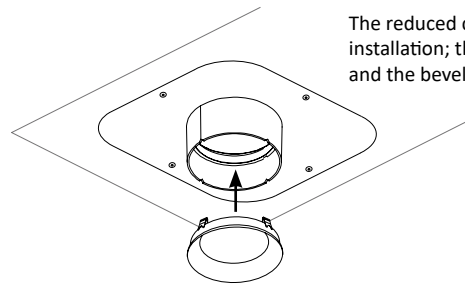
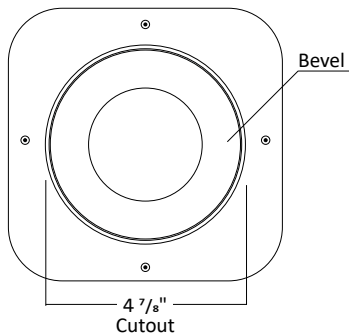
### FLANGELESS PLASTER (LPR)



### FLANGELESS MILLWORK WITH ADAPTER (LAMR)



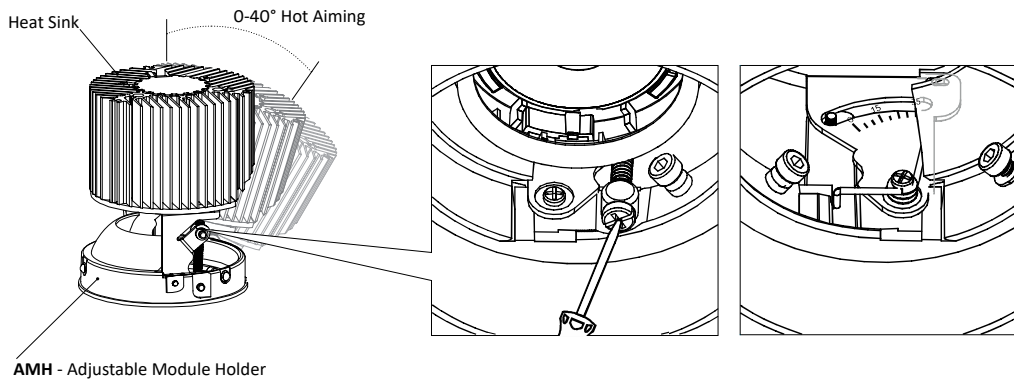
### FLANGELESS MILLWORK WITH DEDICATED COLLAR (LDMR)



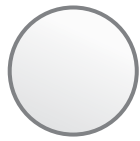
The reduced collar diameter allows for easy installation; the fixture drops into the ceiling opening and the bevel clicks securely into the collar.

## 4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM NEW CONSTRUCTION: IC & NON IC

### LED MODULE



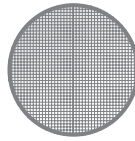
### FILTERS



Frosted Filter



Honey Comb

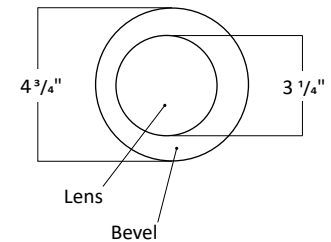
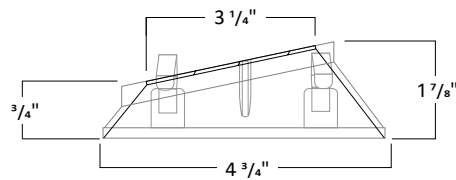
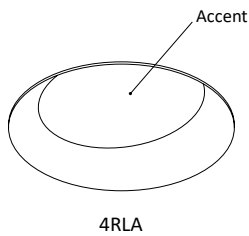
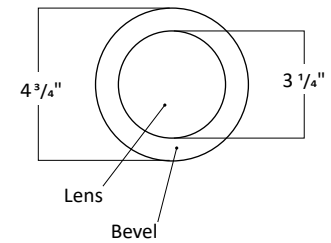
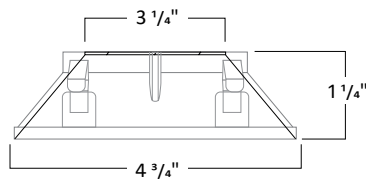
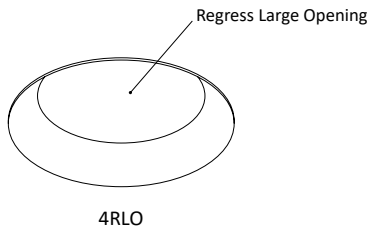


Solite Filter



Linear Filter

### TRIM DIMENSIONS



### TRIM FINISH



White



Haze



Wheat



Specular Clear

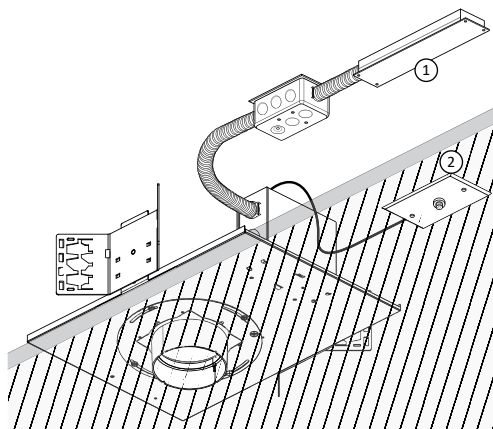


Black

\*Consult Factory for Made to Order Finishes

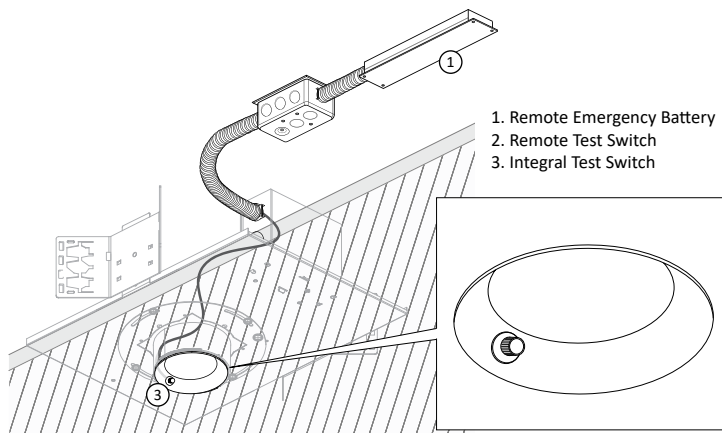
## 4" LED ARCHITECTURAL ROUND FLANGELESS ADJUSTABLE WARM DIM NEW CONSTRUCTION: IC & NON IC

### REMOTE EMERGENCY BATTERY: NON-IC NEW CONSTRUCTION HOUSING



**NC - Non-IC New Construction**

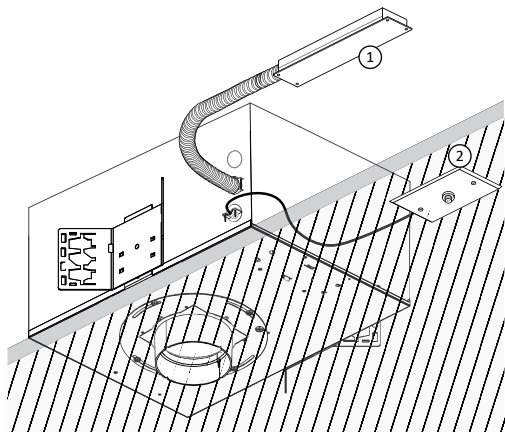
**ER8W** and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.



**NC - Non-IC New Construction**

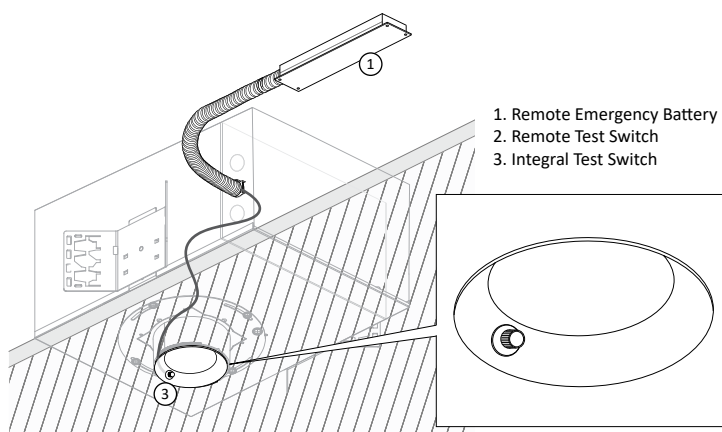
**EI8W** and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

### REMOTE EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



**IC - IC Air-Tight New Construction**

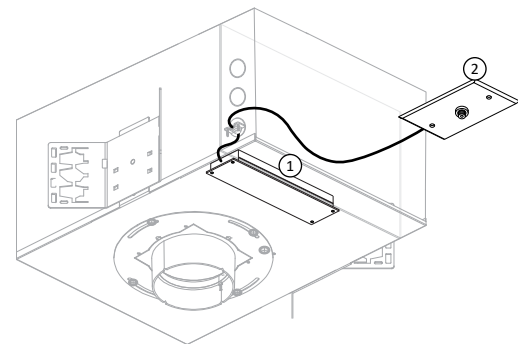
**ER8W** and **ER15W** is an 8W and 15W Emergency Battery that is remote to the fixture with a remote test switch. Ceiling access is required for replacement purposes.



**IC - IC Air-Tight New Construction**

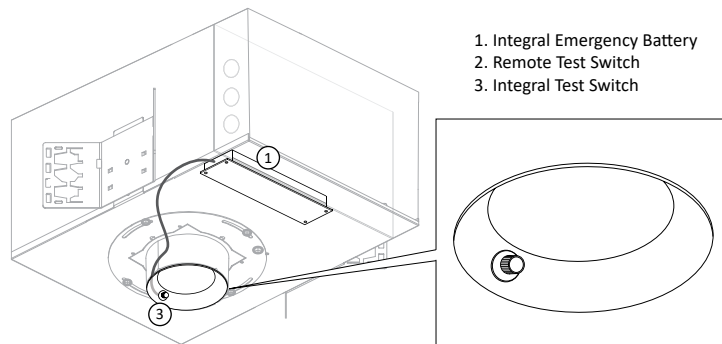
**EI8W** and **EI15W** is an 8W and 15W Emergency Battery that is remote to the fixture with an integral test switch. Ceiling access is required for replacement purposes.

### INTEGRAL EMERGENCY BATTERY: IC NEW CONSTRUCTION HOUSING



**IC - IC Air-Tight New Construction**

**ER4W** is an 4W Emergency Battery that is integral to the fixture with an remote test switch. The EM unit is accessible from below the ceiling for replacement purposes.



**IC - IC Air-Tight New Construction**

**EI4W** is an 4W Emergency Battery that is integral to the fixture with an integral test switch. The EM unit is accessible from below the ceiling for replacement purposes.

\*Available in IC housing only