



**USE OF PRODUCT**

The RFL4ES Series is the ideal energy efficient LED Recessed module for downlight, wall wash, or accent lighting. This item can be used in existing, remodel, or new construction housings. The LED 4" Pull Down is great in environments where light needs to be controlled such as to focus on artwork, displays, objects, etc. The RFL4ES series will reduce energy consumption, emits little heat, and reduces cooling loads for added cost savings.

**CONSTRUCTION**

- Lumens: 830 Lumens
- Finish: White, Black, Satin Nickel and Bronze
- Wattage: 12 Watts
- Voltage: (120V standard); 120-277 (with optional 0-10V dimming driver)
- Color Temperature: 2700K, 3000K, 3500K, or 4000K
- R9 Value: 85
- Color Rendering Index: 93 CRI Typical
- LED Life: 50,000 hours
- LED Type: Cree LED for maximum light output
- Versatility: Interchangeable lens available in 19° and 38°; 365° horizontal rotations 65° vertical drop from nadir.
- EM Battery: 90 min, 800 delivered lumens.
- Warranty: 5 Year Limited Warranty

**LED DRIVER**

Durable 120-277V dimmable driver provides high power factor with the optimum thermal management to prevent damage caused by high temperature. Externally mounted LED driver provides for easy maintenance and convenient replacement.

**EMERGENCY BATTERY**

Optional emergency back-up may be ordered separately. Unit operates for 90 minutes with LED modules up to 20 Watts and is Damp location rated , 120/277AC operational, 800 delivered lumens.

**DIMMING**

Available in 8 driver selections. Standard Triac/ELV, 120V. (018) 0-10V dimming in 800 lumens, 120-277V. (PEQ0) Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming, 120-277V. (LDE1) Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming, 120-277V. (LTE) Hi-Lume 1% 2-wire, 120V (L3DA) Hi-Lume 1% EcoSystem/3-Wire L3D Driver (EEI) eldoLED Eco 1% Dim (0-10V), 120-277V. (EDIO) eldoLED Solo 0.1% Dim(0-10V), 120-277V. (EDID) eldoLED Solo 0.1% Dim(DALI), 120-277V.

**BEAM OPTION**

- lens available in 19° and 38° beam angle
- Interchangeable lens and field replaceable
- Comes with clear lens cover.

**MODULE MECHANICS**

Fixture provides 359° horizontal rotation within module and 65° vertical drop from nadir.

**HOUSING CONSTRUCTION**

- Minimum Clearance "IC" or insulated ceiling housings are rated for direct contact with insulation. No minimum clearance is required.
- Ceiling Thickness: Up to 1 1/4"
- Bar Hangers: Bar Hangers are adjustable from 13-5/8" to 25" and can be repositioned to 90°.
- Junction Box: Junction box is listed for through branch circuit wiring and contains seven 7/8 knockouts and four ROMEX pryouts with strain relief.
- Plaster Frame: Galvanized steel construction

**LABELS/COMPLIANCE**

- CSA Classified
- Can be used for State of California Title 24 high efficacy luminaire compliance.
- JA8 certified

4" LED 0-10V Dimming

**ORDERING INFO**

| RHL4-ICAT  | RFL4ES | 8L                     |  |  |   |   |
|--|--------|------------------------|--|--|---|---|
| Series   | Module | Watts/Lumens           | Color Temp.  | Dimming  | Finish  | Beam Angle                                      |
| RHL4-ICAT - 4" IC Air Tight New Construction LED Housing | RFL4ES | 8L - 800 Lumens (120V) | 27 - 2700K<br>30 - 3000K<br>35 - 3500K<br>40 - 4000K | Leave blank - Triac/ELV<br><b>018</b> - 0-10V Dimming (800 lumen)<br><b>LDE1</b> - Lutron Hi-Lume 1% Ecosystem with soft on, fade to black dimming<br><b>PEQ0</b> - Lutron Hi-Lume Premier Ecosystem 0.1% w/soft on, fade to black dimming<br><b>LTE1</b> - Hi-Lume 1% 2-wire<br><b>L3DA</b> - Hi-lume 1% EcoSystem/3-Wire L3D Driver<br><b>EEI</b> <sup>2</sup> - eldoLED Eco 1% Dim (0-10V)<br><b>EDIO</b> <sup>2</sup> - eldoLED Solo 0.1% Dim (0-10V)<br><b>EDID</b> <sup>2</sup> - eldoLED Solo 0.1% Dim (DALI) | <b>W</b> - White<br><b>BL</b> - Black<br><b>BZ</b> - Bronze<br><b>SN</b> - Satin Nickel | <b>19</b> - 19°<br><b>38</b> <sup>3</sup> - 38° |

| Options  |
|--|
| 1. 120V only.<br>2. Must specify logarithmic or linear eldoLED driver.<br>3. Standard beam angle |

- 347SDT** - 347V Step down transformer
- EM** - Emergency back-up