Description
The Halo RL4 Direct Mount is a SeleCCTable complete LED Baffle-Trim Module for 4-inch aperture applications, all without the need for a recessed housing; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can choose between five different color temperatures. The RL family offers a regressed lens that provides uniform illumination and wet location listing. Precision construction makes this product AIR-TITE for added savings and code compliance.

Specification Features

CCT Select System
- SeleCCTable models use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an selectable range from 2700K to 5000K (factory default 3000K)
- Optional dedicated 3000K color temperature, color accuracy within 3 SDCM

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Remote Driver/ Junction Box
- Aluminum driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90˚C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½” conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps all
- Accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Volts to 120V input voltage connections
- Driver provides noise free operation

Installation
- Can be installed in 1/2” to 1-1/4” thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting / Retention
- The RL-DM requires no housing or third party junction box
- The remote enclosure may be used in direct contact with insulation.
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall
- Not for installation in recessed cans

Compliance
- UL Certified for US and Canada
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JAB-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Warranty
Five year limited warranty, consult website for details.
www.cooperlighting.com

ENERGY DATA @ 3000K

- Lumens 600 Series
- Input Voltage 120V
- Input Current 74 (mA)
- Input Power 8.7 (W)
- Efficiency 75 (LPW)
- Inrush (A) 2.1 (A)
- THD: ≤ 20%
- PF: ≥ 0.90
- T Ambient -30 - +40˚C
- Sound Rating ≤ 20dba

Refer to ENERGY STAR® Certified Products List. Can be used to comply with California Title 24 High Efficacy requirements. Certified to California Appliance Efficiency Database under JAB.
### Ordering Information

**SAMPLE NUMBER:** RL4069S1EWHDM

A complete luminaire consists of an LED module and remote driver/junction box.

<table>
<thead>
<tr>
<th>Models</th>
<th>Lumens</th>
<th>CRI/CCT</th>
<th>Driver</th>
<th>Finish</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL4</td>
<td>RL4</td>
<td>06</td>
<td>9S</td>
<td>WH</td>
<td>DM</td>
</tr>
<tr>
<td>4” all-purpose retrofit LED module</td>
<td>600 lumens (nominal)</td>
<td>90 CRI minimum, white tuning, selectable CCT 2700K-5000K</td>
<td>12VDC 60Hz leading or trailing edge phase cut 5% dimming</td>
<td>White matte baffle</td>
<td>Direct Mount</td>
</tr>
<tr>
<td>06</td>
<td>600</td>
<td>90</td>
<td>[CCT 2700K-5000K]</td>
<td>[WH-Matte white baffle]</td>
<td>[DM-Direct Mount]</td>
</tr>
</tbody>
</table>

### SelecCTable RL4069S1EWHDM

- **Lumens**: 652
- **Watts**: 8.7
- **Lumens Per Watt (Efficacy)**: 75
- **Color Accuracy (CRI)**: 92
- **Light Color (CCT)**: 3000K

### Dedicated 3000K RL406WH930DMR

- **Lumens**: 641
- **Watts**: 8.6
- **Lumens Per Watt (Efficacy)**: 74.4
- **Color Accuracy (CRI)**: 92
- **Light Color (CCT)**: 3000K

Specifications and dimensions subject to change without notice.