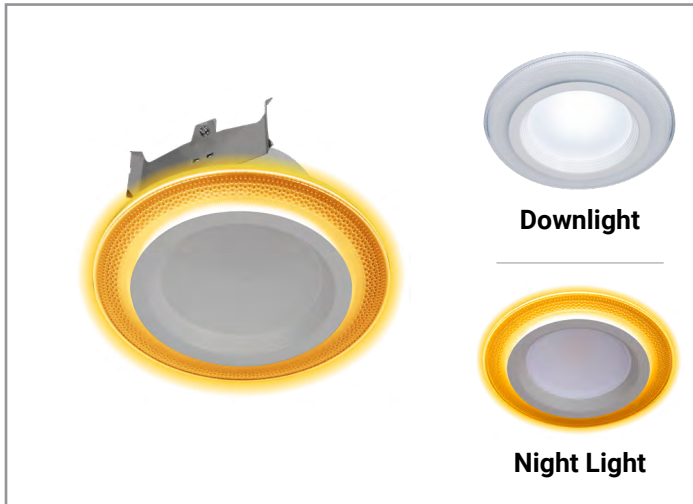


Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO

RLNL4 Night Light LED Trim

4" Night Light Recessed LED retrofit module
700 Lumen Series

Typical Applications

Residential

Product Certification



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.

Note: Due to T20 change, as of July 1, 2019 consult factory on correct catalog number and availability for the T20 compliant California product.



Product Features



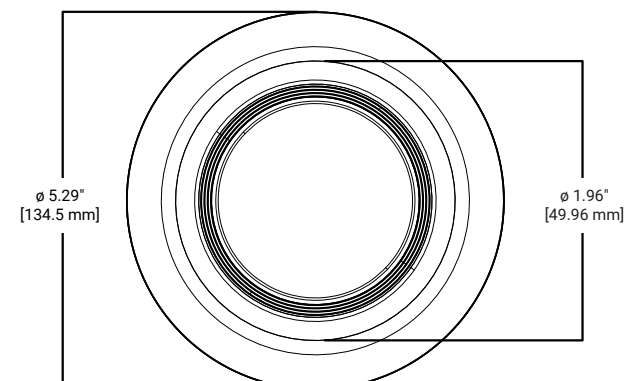
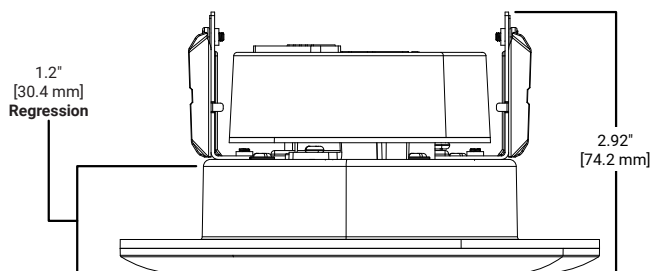
Interactive Menu

- Order Information page 2
- Product Specifications page 3
- Photometric Data page 4
- Energy & Performance Data page 4
- Product Warranty

Top Product Features

- 4" Night Light Recessed LED Retrofit Module
- Use with compatible recessed housings
- 6 selectable color temperature options
 - 2700K, 3000K, 3500K, 4000K, 5000K
 - Dim-to-warm technology included: use your dimmer to warm color temperature from 3000K to 1800K
- Night light provides soft glow at 2000K CCT
- Wet location listed for showers and protected ceilings
- Dimmable to 5% with 120V dimmers

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **RLNL4079FSD2W1EWH**

A complete luminaire consists of a housing and a LED integrated trim, order separately.

	Module	Lumens	CRI/CCT	Driver	Finish
RLNL4079FSD2W1EWH	4" Night Light recessed LED retrofit module	700 lumens (nominal)	90 CRI min., 2700K, 3000K, 3500K, 4000K, 5000K selectable CCT with D2W option	120V 60Hz, LE & TE phase cut 5% dimming	Matte White Flange

Housing – Compatibility

The RLNL4 Series LED light module - trim combination is UL/cUL Listed or UL Classified for use with any 4" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 62.3 in³ in addition to those noted above.

Halo Ultra-shallow LED Housings

H2451CAT = 4" IC, airtight ultra-shallow new construction housing, LED, 120 - 277V

H245RICAT = 4" IC, airtight ultra-shallow remodeler housing, LED, 120 - 277V

Halo LED Housings

H9951CAT = 4" IC, airtight shallow new construction housing, LED, 120 - 277V

H995RICAT = 4" IC, airtight shallow remodeler housing, LED, 120 - 277V

H450FR2ICATD010 = 4" fire safe new construction housing for phase-cut and 0-10V LED retrofit modules, 120-277V

Halo Housings

H99TAT = 4" non-IC, airtight shallow new construction housing, E26, 120V

H99RTAT = 4" non-IC, airtight shallow remodeler housing, E26, 120V

H991CAT = 4" IC, airtight shallow new construction housing, E26, 120V

E4TATSB = 4" non-IC, airtight shallow new construction housing, adjustable socket bracket, E26, 120V

E4RTATSB = 4" non-IC, airtight shallow remodeler housing, adjustable socket bracket, E26, 120V

E41CATSB = 4" non-IC, airtight shallow new construction housing, adjustable socket bracket, E26, 120V

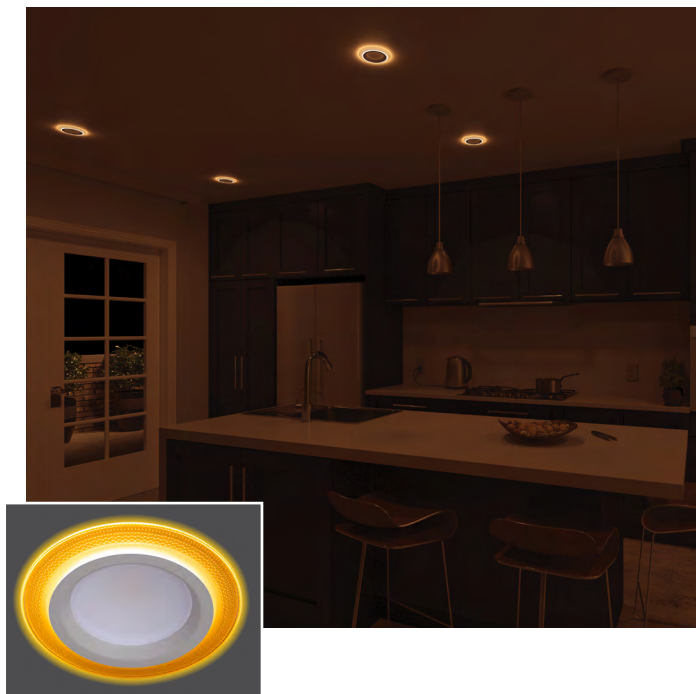
Light Modes

Flip wall switch On/Off/On under 1.5 seconds to change light mode.

Downlight



Night Light



Product Specifications

Night Light System

- Choose mode of light based on toggle of light switch

NIGHTLIGHT MODE:

- With wall switch in 'ON' position (downlight on), cycle wall switch 'OFF' and back to 'ON' within 0.2-1.5 seconds. Fixture should illuminate in nightlight mode.
- Fixture will default back to downlight mode when wall switch is cycled 'OFF' then 'ON'.

DOWNLIGHT MODE:

- Cycle wall switch to 'ON' position to turn on downlight.
- Cycle wall switch to 'OFF' position to turn off downlight.

CCT Select System

- Use the CCT select switch to choose between D2W, 2700K, 3000K, 3500K, 4000K, and 5000K CCT
- D2W option starts at 3000K and warms to 1800K as fixture dims.

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle / trim ring and ceiling 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)

Optical Assembly

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

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%
- See Dimming Guide for compatible dimmers

Installation/Retention

- Precision-formed spring blades secure module with friction fit to compatible housings.
- Friction blade design allows the RLNL4 to be installed in any position within the housing aperture (360 degrees)

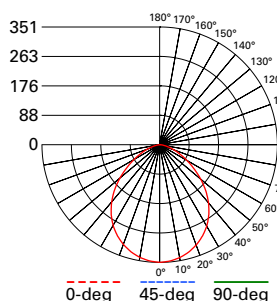
Compliance

- UL Certified
- 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 JA8-2022-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Warranty

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

Photometric Data



RLNL4079FSD2W1EWH-3000K

Spacing criterion:
(0-180) 1.20 | (90-270) 1.20 | (Diagonal) 1.28
Beam Angle: 95°
Field Angle: 144°
Lumens: 775
Input Watts: 8.2 W
Efficacy: 94.5 LPW
UGR: 24
Test Report: P645286

Zonal Lumen	Lumens	% Lumens
0-30	264	34.1
0-40	423	54.6
0-60	680	87.7
0-90	775	100

TM-30-15	Rf = 92
	Rg = 99
CRI/CIE	Ra = 92
	R9 = 73



Energy Data

RLNL4079FSD2W1EWH	
Lumens	806
Input Voltage	120V
Input current	0.070A
Input Power	8.09W
Efficiency	77.5%
Inrush(A)	2.04A
THD	< 20%
PF	> 0.9
Sound Rating	< 22dBA

RLNL4079FSD2W1EWH	CCT	Lumens	Power (W)	LPW
Field Selectable CCT	2700K	770	8.3	92.8
	3000K	775	8.2	94.5
	3500K	775	8.2	94.5
	4000K	775	8.3	93.4
	5000K	760	8.3	91.6