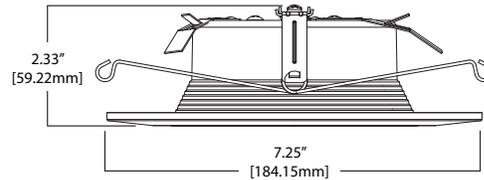


5 INCH

LED Module RL56 - 600 & 900 Series



RL560WH6xxx – 600 Series RL560WH9xxx – 900 Series 5" / 6" LED Retrofit Module – 5 Inch Application

The Halo RL560 is a complete LED baffle-trim module for 5" and 6" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The RL560 is cULus Listed for use with Halo housings, and is UL Classified for use with other compatible 5" and 6" housings. The RL560 with integral LED driver offers 120 volt dimming capability. The RL560 lens provides uniform illumination and wet location listing. Precision construction makes any housing Air-Tite code compliant. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3).

90 CRI



80 CRI



Features

Mechanical - Module

- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Trim ring is sized to fit 5" and 6" recessed housings and features a visually appealing graduated step design
- Regressed baffle
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- Durable aluminum construction

Lens

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

Mounting

- Integral torsion springs and Push-N-Twist clips offer two mounting options
 - Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
 - Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, and 4000K
- Color Rendering Index (CRI): 80 and 90 (See ordering table for available models)
- 600 nominal lumen series, range dependent on CCT and CRI
- 900 nominal lumens, range dependent on CCT and CRI
- Lumen maintenance L70 at 50,000 hours

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" H550 and 6" H750, H2750 LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (see specifications online for housing compatibility)

LED Driver

- With the latest "driver-on-board" electronic technology, the driver is integrated in the module
- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use
- Note, some dimmers require a neutral in the wallbox

Compliance

- cULus Listed 1598 Luminaire (with listed Halo housings)
- UL Classified (with other housings) see specifications online for housing compatibility
- cULus Listed for damp location
- cULus Listed for wet location covered ceiling – shower rated
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as an LED luminaire
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3).
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LED Module

RL56 - 600 & 900 Series

5
INCH

RL56 600 & 900 Series Ordering Information

600 Series - 80 CRI	600 Series - 90 CRI	900 Series - 80 CRI	900 Series - 90 CRI
RL560WH6827 = 5/6" Retrofit baffle, 2700K, matte white	RL560WH6927 = 5/6" Retrofit baffle, 2700K, matte white	RL560WH9827 = 5/6" Retrofit baffle, 700K, matte white	RL560WH9927 = 5/6" Retrofit baffle, 2700K, matte white
RL560WH6830 = 5/6" Retrofit Baffle, 3000K, matte white	RL560WH6930 = 5/6" Retrofit baffle, 3000K, matte white	RL560WH9830 = 5/6" Retrofit baffle, 3000K, matte white	RL560WH9930 = 5/6" Retrofit baffle, 3000K, matte white
RL560WH6835 = 5/6" Retrofit Baffle, 3500K, matte white	RL560WH6935 = 5/6" Retrofit baffle, 3500K, matte white	RL560WH9835 = 5/6" Retrofit baffle, 3500K, matte white	RL560WH9935 = 5/6" Retrofit baffle, 3500K, matte white
RL560WH6840 = 5/6" Retrofit Baffle, 4000K, matte white	RL560WH6940 = 5/6" Retrofit baffle, 4000K, matte white	RL560WH9840 = 5/6" Retrofit baffle, 4000K, matte white	RL560WH9940 = 5/6" Retrofit baffle, 4000K, matte white

Accessories (Order Separately)

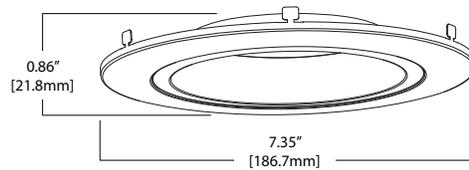
Designer Trims

Fit over the RL56 for a designer finish

RL56TRMWH = 5/6" White paintable trim ring

RL56TRMSN = 5/6" Satin nickel trim ring

RL56TRMTBZ = 5/6" Tuscan bronze trim ring



RL56 Energy Data

600 Series

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A

Input Voltage: 120V

Power Factor: >0.90

Input Frequency: 60Hz

THD: <20%

Input Power: 7.3W – 9.7W (per CRI and CCT)

Input Current: 0.15A

900 Series

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A

Input Voltage: 120V

Power Factor: >0.90

Input Frequency: 60Hz

THD: <20%

Input Power: 13.5W

Input Current: 0.15A

Refer to specification online for further information www.eaton.com/lighting

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind RL56 ring, in stepped configuration)

OT403P = Oversize white plastic trim ring 6" ID x 8" OD (ring slips behind RL56 ring, in stepped configuration)

TRM690WH = Oversize matte white metal trim ring. Designed for RL56 ring to inset into oversize ring for an even (non-stepped) trim surface



E26 Screw Base Adapter

HE26LED = Replacement screw base adapter (one included with unit)

