

Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO

LT560

5"/6" LED High Lumen Series
 Recessed Retrofit Module-Trim
 90 CRI, 2700K, 3000K, 3500K, 4000K, 5000K

Typical Applications

Residential

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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 JA8.
NOTE: Due to T20 changes as of July 1st 2019 consult factory for current catalog number and availability for T20 compliant products.

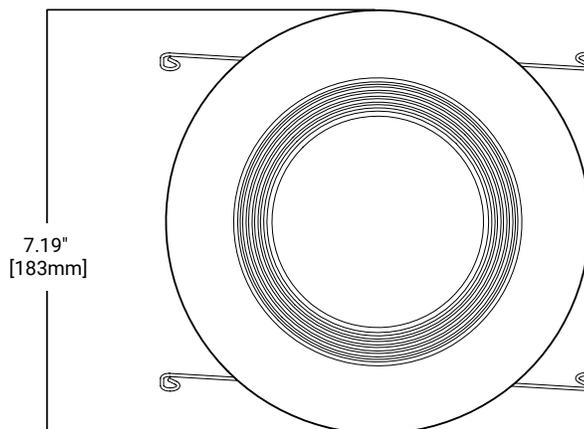
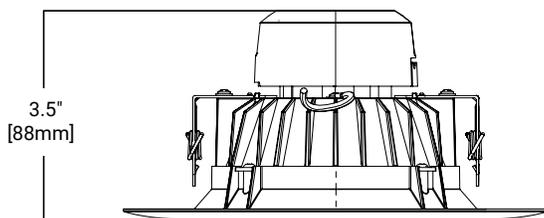
Product Features



Top Product Features

- Retrofits existing 5" or 6" housings with screw base adapter included
- Use with Halo 5" and 6" LED new construction and remodel housings
- 2700K, 3000K, 3500K, 4000K, 5000K; 90 CRI; Dimmable
- Torsion spring adjust for housing size and holds trim securely to ceiling
- Damp and wet location listed; shower rated; AIR-TITE™; ENERGY STAR® certified; Meets NFPA requirements for use in closets

Dimensional and Mounting Details



Order Information

SAMPLE ORDER NUMBER: **LT560WH12930**

Complete unit includes an LT560 Baffle-Trim LED module and a 5" or 6" compatible housing ordered separately.

Models

Models

LT560WH12927 = 5"/6" Retrofit Baffle – Trim LED Module, 90 CRI, 2700K, Matte White, High Lumen
LT560WH12930 = 5"/6" Retrofit Baffle – Trim LED Module, 90 CRI, 3000K, Matte White, High Lumen
LT560WH12935 = 5"/6" Retrofit Baffle – Trim LED Module, 90 CRI, 3500K, Matte White, High Lumen
LT560WH12940 = 5"/6" Retrofit Baffle – Trim LED Module, 90 CRI, 4000K, Matte White, High Lumen
LT560WH12950 = 5"/6" Retrofit Baffle – Trim LED Module, 90 CRI, 5000K, Matte White, High Lumen

Housing Compatibility

Compatible Halo LED Housings

Halo LED 5-inch

H550ICAT = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing
H550RICAT = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing
E550ICAT = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing
E550RICAT = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing
H5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing
H5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
H5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing
E5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing
E5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
E5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing

Halo LED 6-inch

H750ICAT = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing
H750RICAT = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing
H2750ICAT = 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Construction (use with 691X, 694X, 696X trims only)
H2750RICAT = 6" LED, Shallow, Insulated Ceiling, Air-Tite, Remodel (use with 691X, 694X, 696X trims only)
E750ICAT = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing
E750RICAT = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing
H7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing
H7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing
E7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing
E7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing
E7ICATNB = 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
E7TAT = 6" Non-IC, New Construction Housing
E7RTAT = 6" Non-IC, Remodel Housing

Housing Compatibility

Compatible Halo Incandescent E26 Screwbase Housings

Halo Standard Housings 5-inch

H5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing
H5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing
H5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
H5T = 5" Non-IC, New Construction Housing
H5RT = 5" Non-IC, Remodel Housing
H5TNB = 5" Non-IC, New Construction Housing, No Socket Bracket
H25ICAT = 5" Shallow, Insulated Ceiling, Air-Tite New Construction
H25ICATNB = 5" Shallow, Insulated Ceiling, Air-Tite New Construction, No Socket Bracket
E5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing
E5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing
E5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
E5TAT = 5" Non-IC, New Construction Housing
E5RTAT = 5" Non-IC, Remodel Housing
E5TATNB = 5" Non-IC, New Construction Housing, No Socket Bracket

Halo Standard Housings 6-inch

H7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing
H7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing
H7ICAT = 6" Insulated Ceiling, New Construction Housing
H7RICT = 6" Insulated Ceiling, Remodel Housing
H7ICATNB = 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
H7ICATNB = 6" Insulated Ceiling, New Construction Housing, No Socket Bracket
H7T = 6" Non-IC, New Construction Housing
H7RT = 6" Non-IC, Remodel Housing
H7TNB = 6" Non-IC, New Construction Housing, No Socket Bracket
H7TCP = 6" Non-IC, Chicago Plenum, New Construction/Remodel Housing
H7UICAT = 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing
H7UICAT = 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing
H27ICAT = 6" Shallow, Insulated Ceiling, Air-Tite New Construction
H27RICAT = 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing
H27T = 6" Shallow, Non-IC, New Construction Housing
H27RT = 6" Shallow, Non-IC, Remodel Housing
E27ICAT = 6" Shallow, Insulated Ceiling, Air-Tite New Construction
E27RICAT = 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing
E27TAT = 6" Shallow, Non-IC, New Construction Housing
E27RTAT = 6" Shallow, Non-IC, Remodel Housing
E7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing
E7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing
E7ICATNB = 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
E7TAT = 6" Non-IC, New Construction Housing
E7RTAT = 6" Non-IC, Remodel Housing
E7TATNB = 6" Non-IC, New Construction Housing, No Socket Bracket

LT56 Series LED Retrofit is UL Classified for retrofit in the following 5/6" recessed housings:

The LT Series LED light module – trim combination is cULus Listed or UL Classified for use with any 5"/6" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 107.9 in³ in addition to those noted above.

Product Specifications

LT560WH12927 - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	1100
Watts	12
Lumens Per Watt (Efficacy)	91.6
Color Accuracy (CRI)	90
Light Color (CCT)	2700K
Correlated Color Temperature (CCT)	

LT560WH12930 - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	1140
Watts	11.9
Lumens Per Watt (Efficacy)	95.8
Color Accuracy (CRI)	90
Light Color (CCT)	3000K
Correlated Color Temperature (CCT)	

LT560WH12935 - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	1180
Watts	12
Lumens Per Watt (Efficacy)	98.3
Color Accuracy (CRI)	90
Light Color (CCT)	3500K
Correlated Color Temperature (CCT)	

LT560WH12940 - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	1180
Watts	11.9
Lumens Per Watt (Efficacy)	99.1
Color Accuracy (CRI)	90
Light Color (CCT)	4000K
Correlated Color Temperature (CCT)	

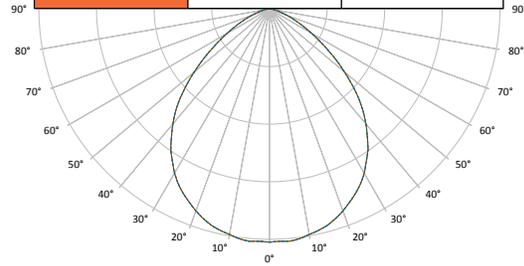
LT560WH12950 - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	1170
Watts	11.9
Lumens Per Watt (Efficacy)	98.3
Color Accuracy (CRI)	90
Light Color (CCT)	5000K
Correlated Color Temperature (CCT)	

Photometric Data

LT56 Photometric*

LT560WH12930		
Luminaire lumens	1140	
Input watts	11.9	
LER (LPW)	95.8	
Spacing Criteria	0-180	1.12
	90-270	1.12
	Diagonal	1.22
Beam angle (degrees)	88.7	
Field angle (degrees)	139.9	
Zonal lumen	Lumens	% Lumens
0-30	411	36.1
0-40	643	56.4
0-60	1018	89.3
0-90	1140	100



* Tested in accordance with IES LM63. Field results may vary.

Specification Features

Module Trim

- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring

Lens

- Regressed lens
- Polycarbonate
- Diffusing for even illumination

Mounting

- Torsion springs are pre-installed and adjust to fit 5" and 6" compatible housings

LED

- 2700K, 3000K, 3500K, 4000K, and 5000K correlated color temperature (CCT)
- 90 color rendering index (CRI)
- **780 nominal lumens**
- Lumen maintenance L70 at 35,000 hours

LED Chromaticity

- Tight chromaticity specification ensures LED color uniformity, sustainable CRI and CCT over the useful life of the LED
- LED chromaticity of 4 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- 90 CRI features high color performance with R9 > 50
- Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis and validates long-term product consistency over time

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect, offering easy installation with the matching Halo 5" and 6" 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)

Ground Connection

- Separate grounding cable included on the module for attachment to the housing during installation

LED Driver

- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- If dimming is not required, the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 10% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers
- Dimmers with low end trim adjustment offer greater assurance of achieving 10% level
- Consult dimmer manufacturer for compatibility and conditions of use (some dimmers require a neutral in the wallbox)

Compliance

- UL Certified for US and Canada
- UL Certified with housings (see housing compatibility section)
- UL Certified for damp location
- UL Certified for wet location, covered ceiling
- Shower rated
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation and combustible material*
- Certified under ASTM E283
- Air-Tite™ code compliant; Not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- State of California Title 24 high efficacy
- State of California Title 20 certified for residential compliance
- International Energy Conservation Code (IECC) high efficiency luminaire compliance
- 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
- Suitable for use in closets; Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3)

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

Warranty

- Five-year limited warranty

Energy Data

Energy Data	
Lumens	1200 Series @ 3000K
Input Voltage	120V
Input Current	(mA)
Input Power	11.9 (W)
Efficiency	95.8 (LPW)
Inrush (A)	
THD: ≤ 20%	
PF: ≥ 0.90	
T Ambient -40 - +40°C	
Sound Rating ≤ 20dba	