Project		Catalog #		Type	
Prepared by		**Notes**		**Date**	

HALO

LT56

5" & 6" All Purpose LED Retrofit Trim
up to 750 Lumen Series
90 CRI

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.
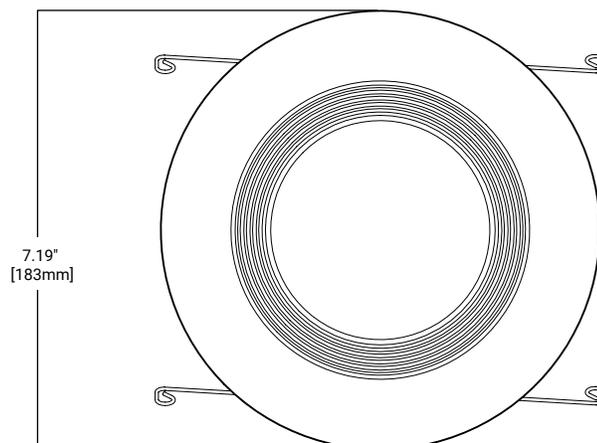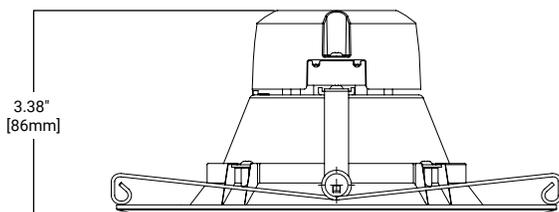
Product Features

Top Product Features

- ENERGY STAR® certified
- 2700K, 3000K, 3500K, 4000K, 5000K; 90CRI
- Retrofits existing 5" or 6" housings with screwbase adapter included
- Dead Front construction
- Dimmable down to 10%

Dimensional and Mounting Details

3.38"
[86mm]

7.19"
[183mm]

Order Information

SAMPLE ORDER NUMBER: **LT560WH6930R**

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

Module	Finish	Lumens	CRI/CCT	Packaging	T20 Compliant
Module	**Finish**	**Lumens**	**CRI/CCT**	**Accessories**	
LT560 = 5" and 6" integrated LED trim	**WH** = matte white	**6** = 600 lumen series (nominal) **9** = 900 lumen series (nominal) See table below for details.	**927** = 90 CRI (minimum), 2700K CCT **930** = 90 CRI (minimum), 3000K CCT **935** = 90 CRI (minimum), 3500K CCT **940** = 90 CRI (minimum), 4000K CCT **950** = 90 CRI (minimum), 5000K CCT	**R** = Recyclable	**-CA** = California

Accessories

Accessories
HE26LED = Replacement medium base (E26) screw base adapter (one included with unit)

Housing Compatibility

Compatible Halo LED Housings with LED Luminaire Connector (high-efficacy compliant – Title 24)	
Halo LED **H550ICAT** = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing **H550RICAT** = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing	**H750ICAT** = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing **H750RICAT** = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing **H750T** = 6" LED, Non-IC, Air-Tite, New Construction Housing **H750TCP** = 6" LED, Non-IC, New Construction/Remodel Chicago Plenum 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)

Housing Compatibility

Halo LED Retrofit Enclosures
Halo LED Retrofit Enclosures **ML7BXRFK** = 6" Retrofit Enclosure, Non-IC, BX Whip **ML7E26RFK** = 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface

Housing Compatibility

Halo LED Retrofit Enclosures	
Halo LED Retrofit Enclosures **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 **H5T** = 5" Non-IC, New Construction Housing **H5TNB** = 5" Non-IC, New Construction Housing, No Socket Bracke **H5RT** = 5"Non-IC, Remodel Housing **H5TM** = 5" Hi-Lumen All Purpose LED Retrofit Trim **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 **E5ICATNB** = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket **E5RICAT** = 5" Insulated Ceiling, Air-Tite Remodel Housing **E5RTAT** = 5" Non-IC, Remodel Housing **E5TAT** = 5" Non-IC, New Construction Housing **E5TATNB** = 5" Non-IC, New Construction Housing, No Socket Bracket	**H7ICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **HH7RICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7ICT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7RICT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7ICATNB** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7ICTNB** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7T** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7RT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7TNB** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7TCP** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7UICT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H7UICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H27ICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H27RICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **HH27RICT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H27T** = 6" Hi-Lumen All Purpose LED Retrofit Trim **H27RT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E27ICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E27RICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E27RTAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E27TAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7ICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7ICATNB** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7RICAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7RTAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7TAT** = 6" Hi-Lumen All Purpose LED Retrofit Trim **E7TATNB** = 6" Hi-Lumen All Purpose LED Retrofit Trim

Order Information Continued

Compatible All-Pro Incandescent E26 Screwbase Housings	
Compatible All-Pro Incandescent E26 Screwbase Housings **EI500AT** = 5" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI500RAT** = 5" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET500** = 5" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET500R** = 5" All-Pro Hi-Lumen All Purpose LED Retrofit Trim	**EI700AT** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700RAT** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700R** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700ATNB** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700NB** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700U** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI700UAT** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET700** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET700R** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI2700AT** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI2700** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **EI2700R** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET2700** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim **ET2700R** = 6" All-Pro Hi-Lumen All Purpose LED Retrofit Trim

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.

Specification Features

Module
- Field interchangeable and upgradable LED module consists of LED array, optical assembly, driver and baffle style self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 35,000 hours in IC and non-IC applications

Gaskets
- Closed cell gasket achieves restrictive airflow requirements without additional caulking

LED Array
- A plurality of low power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provide color accuracy and uniformity
- Available in 2700, 3000, 3500, 4000 and 5000K CCT color temperatures

Optical Assembly
- Optical assembly provides wide distribution useful for general and task lighting
- Diffuse injection molded lens with contoured profile provides uniformity and a familiar lamp like appearance
- Meets ENERGY STAR® color angular uniformity requirements

Driver
- Integral 120V 60 Hz constant current driver provides high efficiency operation
- Continuous, flicker-free dimming from 100% to 10% with select leading or trailing edge 120V phase cut dimmers – consult dimming guide for more information
- Consult dimmer manufacturer for compatibility and conditions of use
- Inline electrical quick connect and E26 adapter (provided) provides mains connection

Retention
- Preinstalled torsion springs hold module securely to the housing
- Ships with torsion springs set in the 6" position, adjusts to 5" position with Philips drive locking screws

Trim
- One-piece step baffle and self-flanged trim ring provides lens regression and reduces light leaks
- Injection molded plastic construction is impact resistant and non-corrosive
- Non-conductive construction meets most local code 'dead front' requirements

Compliance
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP66 ingress protection rated
- Airtight 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, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings
- ENERGY STAR® listed, reference database for current listings
- Meets State of California voluntary lamp standards
- Lighting Facts labeled

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

Product Specifications

LT560WH6927R – 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	720
Watts	9.5
Lumens Per Watt (Efficacy)	75.79
Color Accuracy (CRI)	91
Light Color (CCT) Correlated Color Temperature (CCT)	2700K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6930R – 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	750
Watts	9.5
Lumens Per Watt (Efficacy)	78.95
Color Accuracy (CRI)	90
Light Color (CCT) Correlated Color Temperature (CCT)	3000K

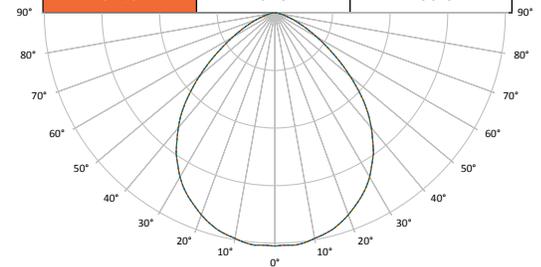warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6935R – 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	760
Watts	9.6
Lumens Per Watt (Efficacy)	79.17
Color Accuracy (CRI)	91
Light Color (CCT) Correlated Color Temperature (CCT)	3500K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6940R - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	760
Watts	10.3
Lumens Per Watt (Efficacy)	73.79
Color Accuracy (CRI)	94
Light Color (CCT) Correlated Color Temperature (CCT)	4000K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6950R - 90 CRI

PRODUCT SPECIFICATIONS	
Lumens	780
Watts	9.5
Lumens Per Watt (Efficacy)	84.21
Color Accuracy (CRI)	95
Light Color (CCT) Correlated Color Temperature (CCT)	5000K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6927R-CA – 91 CRI

PRODUCT SPECIFICATIONS	
Lumens	731
Watts	7.9
Lumens Per Watt (Efficacy)	92.6
Color Accuracy (CRI)	91
Light Color (CCT) Correlated Color Temperature (CCT)	2700K

warm white | soft white | bright white
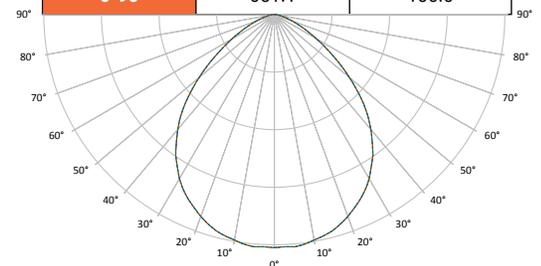2700K | 3000K | 4500K | 6500K

LT560WH6930R-CA – 91 CRI

PRODUCT SPECIFICATIONS	
Lumens	746
Watts	7.8
Lumens Per Watt (Efficacy)	95.7
Color Accuracy (CRI)	91
Light Color (CCT) Correlated Color Temperature (CCT)	3000K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

LT560WH6950R-CA – 92 CRI

PRODUCT SPECIFICATIONS	
Lumens	846
Watts	7.9
Lumens Per Watt (Efficacy)	107.1
Color Accuracy (CRI)	92
Light Color (CCT) Correlated Color Temperature (CCT)	5000K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K

Energy Data

Lumens	600 Series
Input Voltage	120V
Input Current	0.089 (mA)
Input Power	10.4 (W)
Efficiency	Up to 73 (LPW)
Inrush (A)	
THD: ≤ 24%	
PF: ≥ 0.90	
T Ambient -30 - +40°C	
Sound Rating ≤ 23dba	

Photometric Data

LT56 Photometric*

LT560WH6930R		
Luminaire lumens	698	
Input watts	10	
LER (LPW)	69.8	
Spacing Criteria	0-180	1.21
	90-270	1.21
	Diagonal	1.27
Beam angle (degrees)	93.3	
Field angle (degrees)	137.9	
Zonal lumen	Lumens	% Lumens
0-30	253	36.3
0-40	405	58.0
0-60	632	90.6
0-90	698	100.0

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

LT56-CA Photometric*

LT560WH6930R-CA		
Luminaire lumens	746.6	
Input watts	7.8	
LER (LPW)	95.7	
Spacing Criteria	0-180	1.21
	90-270	1.21
	Diagonal	1.27
Beam angle (degrees)	93.3	
Field angle (degrees)	137.9	
Zonal lumen	Lumens	% Lumens
0-30	241.6	37.1
0-40	381.5	58.6
0-60	585.3	89.9
0-90	651.1	100.0

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

COOPER Lighting Solutions