

|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| 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

### Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 3](#)
- Photometric Data [page 4](#)
- Energy & Performance Data [page 4](#)
- Product Warranty

### 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%

### Product Certification

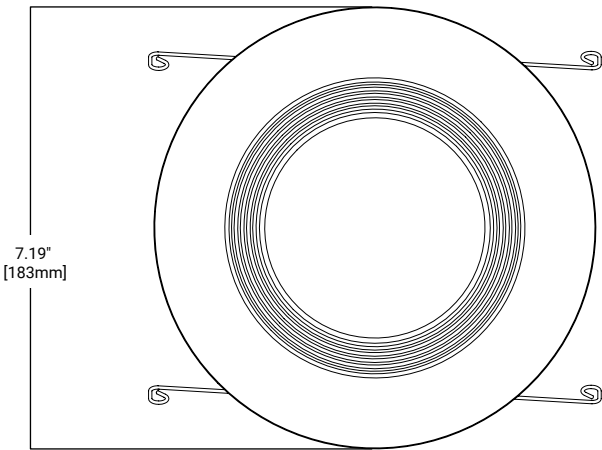
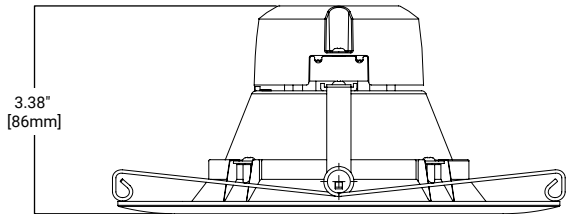


Refer to ENERGY STAR® Certified Products List.  
Can be used to comply with California Title 24 High Efficacy requirements.  
Certified to California Appliance Efficiency Database under JA8.  
**NOTE:** Due to T20 changes as of July 1<sup>st</sup> 2019 consult factory for current catalog number and availability for T20 compliant products.

### Product Features



### Dimensional and Mounting Details



## 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           |
|----------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|
| <b>LT560</b> = 5" and 6" integrated LED trim | <b>WH</b> = matte white | <b>6</b> = 600 lumen series (nominal)<br><b>9</b> = 900 lumen series (nominal)<br>See table below for details. | <b>927</b> = 90 CRI (minimum), 2700K CCT<br><b>930</b> = 90 CRI (minimum), 3000K CCT<br><b>935</b> = 90 CRI (minimum), 3500K CCT<br><b>940</b> = 90 CRI (minimum), 4000K CCT<br><b>950</b> = 90 CRI (minimum), 5000K CCT | <b>R</b> = Recyclable | <b>-CA</b> = California |

### Accessories

| Accessories                                                                                |
|--------------------------------------------------------------------------------------------|
| <b>HE26LED</b> = 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)                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED</b><br><b>H550ICAT</b> = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing<br><b>H550RICAT</b> = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing | <b>H750ICAT</b> = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing<br><b>H750RICAT</b> = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing<br><b>H750T</b> = 6" LED, Non-IC, Air-Tite, New Construction Housing<br><b>H750TCP</b> = 6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing<br><b>H2750ICAT</b> = 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Construction (use with 691X, 694X, 696X trims only)<br><b>H2750RICAT</b> = 6" LED, Shallow, Insulated Ceiling, Air-Tite, Remodel (use with 691X, 694X, 696X trims only) |

### Housing Compatibility

| Halo LED Retrofit Enclosures                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED Retrofit Enclosures</b><br><b>ML7BXRFK</b> = 6" Retrofit Enclosure, Non-IC, BX Whip<br><b>ML7E26RFK</b> = 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface |

### Housing Compatibility

| Halo LED Retrofit Enclosures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED Retrofit Enclosures</b><br><b>H5ICAT</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing<br><b>H5ICATNB</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket<br><b>H5RICAT</b> = 5" Insulated Ceiling, Air-Tite Remodel Housing<br><b>H5T</b> = 5" Non-IC, New Construction Housing<br><b>H5TNB</b> = 5" Non-IC, New Construction Housing, No Socket Bracket<br><b>H5RT</b> = 5" Non-IC, Remodel Housing<br><b>H5TM</b> = 5" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H25ICAT</b> = 5" Shallow, Insulated Ceiling, Air-Tite New Construction<br><b>H25ICATNB</b> = 5" Shallow, Insulated Ceiling, Air-Tite New Construction, No Socket Bracket<br><b>E5ICAT</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing<br><b>E5ICATNB</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket<br><b>E5RICAT</b> = 5" Insulated Ceiling, Air-Tite Remodel Housing<br><b>E5RTAT</b> = 5" Non-IC, Remodel Housing<br><b>E5TAT</b> = 5" Non-IC, New Construction Housing<br><b>E5TATNB</b> = 5" Non-IC, New Construction Housing, No Socket Bracket | <b>H7ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>HH7RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7RICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICTNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7T</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7RT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7TNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7TCP</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7UICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7UICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>HH27RICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27T</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27RT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27RTAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27TAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7ICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7RTAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7TAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7TATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim |

## Order Information Continued

## Housing Compatibility

## 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 in<sup>3</sup> 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

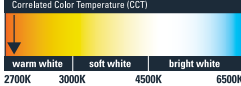
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP66 ingress protection rated
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 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

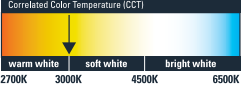
- Five year limited warranty, consult website for details. [www.cooperlighting.com](http://www.cooperlighting.com)

## Product Specifications

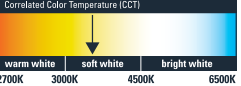
LT560WH6927R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 720        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 75.79      |
| Color Accuracy (CRI)                                                              | 91         |
| Light Color (CCT)                                                                 | 2700K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

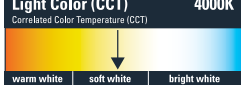
LT560WH6930R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 750        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 78.95      |
| Color Accuracy (CRI)                                                              | 90         |
| Light Color (CCT)                                                                 | 3000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

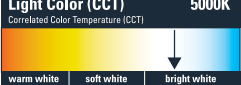
LT560WH6935R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 760        |
| Watts                                                                             | 9.6        |
| Lumens Per Watt (Efficacy)                                                        | 79.17      |
| Color Accuracy (CRI)                                                              | 91         |
| Light Color (CCT)                                                                 | 3500K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft 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)                                                                 | 4000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

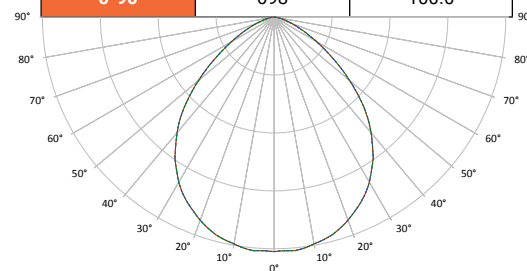
LT560WH6950R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 780        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 84.21      |
| Color Accuracy (CRI)                                                              | 95         |
| Light Color (CCT)                                                                 | 5000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

## Photometric Data

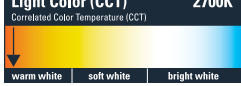
LT56 Photometric\*

| 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    |

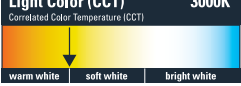


\* Tested in accordance with IES LM63. Field results may vary.

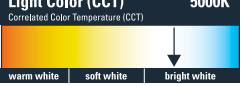
LT560WH6927R-CA – 91 CRI

| PRODUCT SPECIFICATIONS                                                              |            |
|-------------------------------------------------------------------------------------|------------|
| Lumens                                                                              | 731        |
| Watts                                                                               | 7.9        |
| Lumens Per Watt (Efficacy)                                                          | 92.6       |
| Color Accuracy (CRI)                                                                | 91         |
| Light Color (CCT)                                                                   | 2700K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft white |
| 2700K                                                                               | 3000K      |
| 4500K                                                                               | 6500K      |

LT560WH6930R-CA – 91 CRI

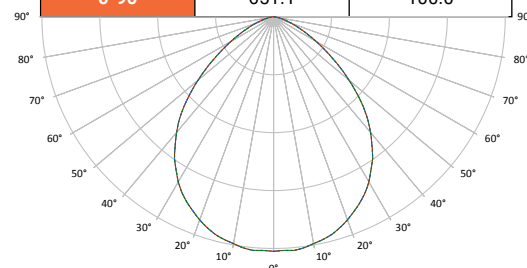
| PRODUCT SPECIFICATIONS                                                              |            |
|-------------------------------------------------------------------------------------|------------|
| Lumens                                                                              | 746        |
| Watts                                                                               | 7.8        |
| Lumens Per Watt (Efficacy)                                                          | 95.7       |
| Color Accuracy (CRI)                                                                | 91         |
| Light Color (CCT)                                                                   | 3000K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft 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)                                                                   | 5000K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft white |
| 2700K                                                                               | 3000K      |
| 4500K                                                                               | 6500K      |

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.

## 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  |                |

|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| 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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### 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%

### Product Certification

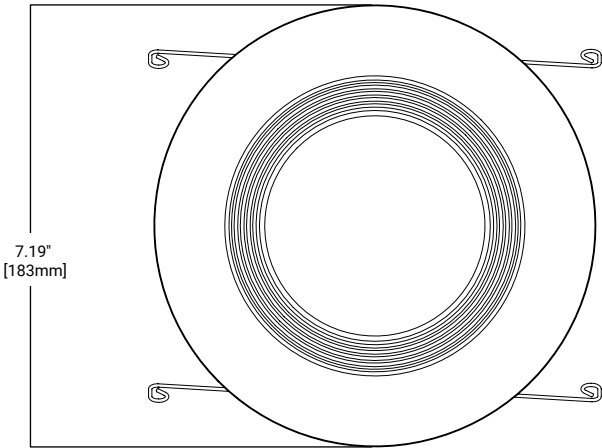
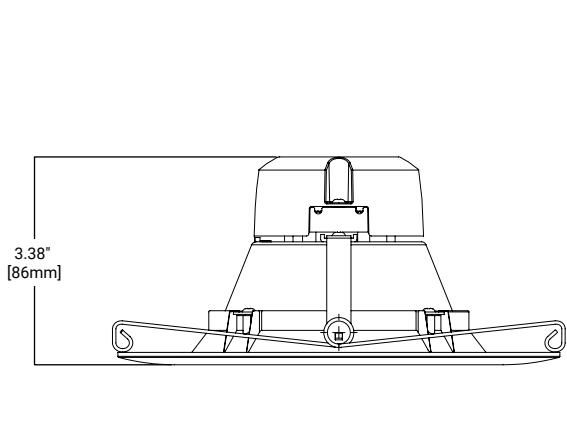


Refer to ENERGY STAR® Certified Products List.  
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Certified to California Appliance Efficiency Database under JA8.  
**NOTE:** Due to T20 changes as of July 1<sup>st</sup> 2019 consult factory for current catalog number and availability for T20 compliant products.

### Product Features



### Dimensional and Mounting Details



## 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           |
|----------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|
| <b>LT560</b> = 5" and 6" integrated LED trim | <b>WH</b> = matte white | <b>6</b> = 600 lumen series (nominal)<br><b>9</b> = 900 lumen series (nominal)<br>See table below for details. | <b>927</b> = 90 CRI (minimum), 2700K CCT<br><b>930</b> = 90 CRI (minimum), 3000K CCT<br><b>935</b> = 90 CRI (minimum), 3500K CCT<br><b>940</b> = 90 CRI (minimum), 4000K CCT<br><b>950</b> = 90 CRI (minimum), 5000K CCT | <b>R</b> = Recyclable | <b>-CA</b> = California |

### Accessories

| Accessories                                                                                |
|--------------------------------------------------------------------------------------------|
| <b>HE26LED</b> = 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)                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED</b><br><b>H550ICAT</b> = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing<br><b>H550RICAT</b> = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing | <b>H750ICAT</b> = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing<br><b>H750RICAT</b> = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing<br><b>H750T</b> = 6" LED, Non-IC, Air-Tite, New Construction Housing<br><b>H750TCP</b> = 6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing<br><b>H2750ICAT</b> = 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Construction (use with 691X, 694X, 696X trims only)<br><b>H2750RICAT</b> = 6" LED, Shallow, Insulated Ceiling, Air-Tite, Remodel (use with 691X, 694X, 696X trims only) |

### Housing Compatibility

| Halo LED Retrofit Enclosures                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED Retrofit Enclosures</b><br><b>ML7BXRFK</b> = 6" Retrofit Enclosure, Non-IC, BX Whip<br><b>ML7E26RFK</b> = 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface |

### Housing Compatibility

| Halo LED Retrofit Enclosures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Halo LED Retrofit Enclosures</b><br><b>H5ICAT</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing<br><b>H5ICATNB</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket<br><b>H5RICAT</b> = 5" Insulated Ceiling, Air-Tite Remodel Housing<br><b>H5T</b> = 5" Non-IC, New Construction Housing<br><b>H5TNB</b> = 5" Non-IC, New Construction Housing, No Socket Bracket<br><b>H5RT</b> = 5" Non-IC, Remodel Housing<br><b>H5TM</b> = 5" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H25ICAT</b> = 5" Shallow, Insulated Ceiling, Air-Tite New Construction<br><b>H25ICATNB</b> = 5" Shallow, Insulated Ceiling, Air-Tite New Construction, No Socket Bracket<br><b>E5ICAT</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing<br><b>E5ICATNB</b> = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket<br><b>E5RICAT</b> = 5" Insulated Ceiling, Air-Tite Remodel Housing<br><b>E5RTAT</b> = 5" Non-IC, Remodel Housing<br><b>E5TAT</b> = 5" Non-IC, New Construction Housing<br><b>E5TATNB</b> = 5" Non-IC, New Construction Housing, No Socket Bracket | <b>H7ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>HH7RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7RICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7ICTNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7T</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7RT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7TNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7TCP</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7UICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H7UICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>HH27RICT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27T</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>H27RT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27RTAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E27TAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7ICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7ICATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7RICAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7RTAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7TAT</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim<br><b>E7TATNB</b> = 6" Hi-Lumen All Purpose LED Retrofit Trim |

## Order Information Continued

## Housing Compatibility

## 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 in<sup>3</sup> 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

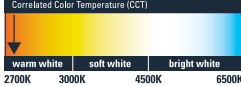
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP66 ingress protection rated
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 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

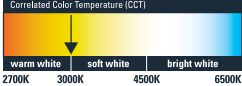
- Five year limited warranty, consult website for details. [www.cooperlighting.com](http://www.cooperlighting.com)

## Product Specifications

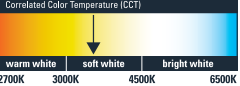
LT560WH6927R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 720        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 75.79      |
| Color Accuracy (CRI)                                                              | 91         |
| Light Color (CCT)                                                                 | 2700K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

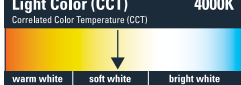
LT560WH6930R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 750        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 78.95      |
| Color Accuracy (CRI)                                                              | 90         |
| Light Color (CCT)                                                                 | 3000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

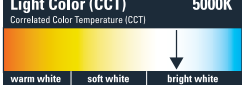
LT560WH6935R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 760        |
| Watts                                                                             | 9.6        |
| Lumens Per Watt (Efficacy)                                                        | 79.17      |
| Color Accuracy (CRI)                                                              | 91         |
| Light Color (CCT)                                                                 | 3500K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft 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)                                                                 | 4000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

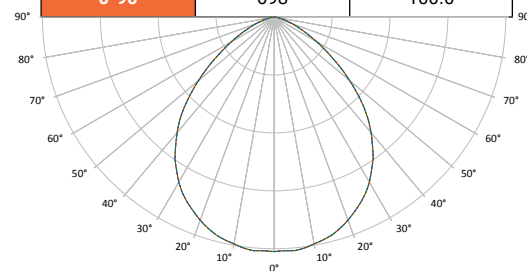
LT560WH6950R – 90 CRI

| PRODUCT SPECIFICATIONS                                                            |            |
|-----------------------------------------------------------------------------------|------------|
| Lumens                                                                            | 780        |
| Watts                                                                             | 9.5        |
| Lumens Per Watt (Efficacy)                                                        | 84.21      |
| Color Accuracy (CRI)                                                              | 95         |
| Light Color (CCT)                                                                 | 5000K      |
| Correlated Color Temperature (CCT)                                                |            |
|  |            |
| warm white                                                                        | soft white |
| 2700K                                                                             | 3000K      |
| 4500K                                                                             | 6500K      |

## Photometric Data

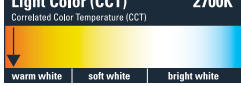
LT56 Photometric\*

| 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    |

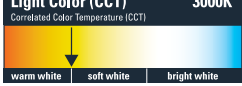


\* Tested in accordance with IES LM63. Field results may vary.

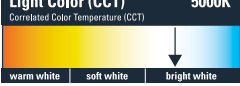
LT560WH6927R-CA – 91 CRI

| PRODUCT SPECIFICATIONS                                                              |            |
|-------------------------------------------------------------------------------------|------------|
| Lumens                                                                              | 731        |
| Watts                                                                               | 7.9        |
| Lumens Per Watt (Efficacy)                                                          | 92.6       |
| Color Accuracy (CRI)                                                                | 91         |
| Light Color (CCT)                                                                   | 2700K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft white |
| 2700K                                                                               | 3000K      |
| 4500K                                                                               | 6500K      |

LT560WH6930R-CA – 91 CRI

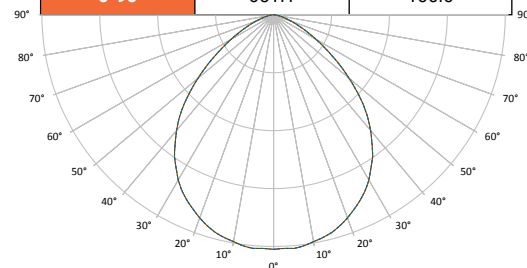
| PRODUCT SPECIFICATIONS                                                              |            |
|-------------------------------------------------------------------------------------|------------|
| Lumens                                                                              | 746        |
| Watts                                                                               | 7.8        |
| Lumens Per Watt (Efficacy)                                                          | 95.7       |
| Color Accuracy (CRI)                                                                | 91         |
| Light Color (CCT)                                                                   | 3000K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft 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)                                                                   | 5000K      |
| Correlated Color Temperature (CCT)                                                  |            |
|  |            |
| warm white                                                                          | soft white |
| 2700K                                                                               | 3000K      |
| 4500K                                                                               | 6500K      |

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.

## 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  |                |