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|-------------|--|-----------|--|------|--|
| Project | | Catalog # | | Type | |
| Prepared by | | Notes | | Date | |



HALO

LTE4 LED Trim Bulk Packs

4" LED Trim provides 600 lumens with over 90 CRI to retrofit into any 4" housing. The LTE includes a plastic trim dead front for additional safety as well as both an LED plug and a Edison screw in adapter to make this truly versatile.

Typical Applications Residential

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Top Product Features

- ENERGY STAR® certified
- Dedicated 3000K; 90 CRI
- Retrofits existing 4" housings with both LED and screwbase adapter (included)
- Plastic trim meets "dead front" construction requirements
- Dimmable down to 10%

Product Certification*

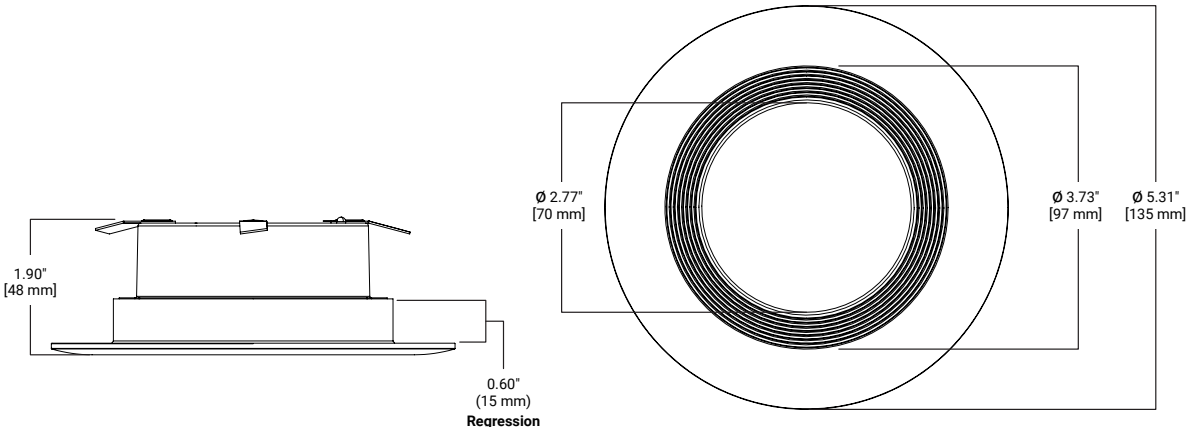


Refer to ENERGY STAR® Certified Products List.
Can be used to comply with California Title 24 High Efficacy requirements.
Certified to California Appliance Efficiency Database under JA8.
NOTE: Due to T20 changes as of July 1st 2019 consult factory for current catalog number and availability for T20 compliant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

Product Features



Dimensional and Mounting Details



*T24 and RoHS are self-tested by Cooper Lighting Solutions. Not a third party certification.

Order Information

SAMPLE ORDER NUMBER: **LTE46930-12PK**

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

| Module | Lumens | CRI/CCT | Packaging | Accessories |
|---------------------------------------|--------------------------------|-----------------------------------|------------------------------------|---|
| LTE4 = 4" LED Trim module with baffle | 6 = 600 lumen series (nominal) | 930 = 90 CRI (minimum), 3000K CCT | -12PK = 12 pack -18PK = 18 pack | HE26LED = Replacement medium base (E26) screw base adapter (one included with unit) |

HALO - 4" Housings¹

| | |
|--------------------|---|
| Halo LED | H45ICAT, H45RICAT |
| Standard Housing | H99ICAT, H99RTAT, H99TAT, H995ICAT, H995RICAT, H99T, H99RT, H99ICT, E4ICATSB, E4TATSB, E4RTATSB |
| Shallow Housing | H245ICAT, H245RICAT |
| Fire Rated Housing | H450FR2ICAT |
| Fire Rated Jbox | JB4FR2 |

Specification Features

Module

- LED module consists of LED array, optical assembly, driver and baffle style self-flanged trim
- 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 a dedicated 3000K CCT color temperature

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 (see Dimming Guide for compatible dimmers)
- Inline electrical quick connect and E26 adapter (provided) provides mains connection
- A separate ground wire and mounting hardware insures proper ground connection to housing
- TIPS:** For optimal dimming performance, consider dimmers with low-end trim adjustment and note that some dimmers require a neutral wire in the wallbox. (See the LTE Dimming Guide and then consult dimmer manufacturer for compatibility and conditions of use.)

Retention

- Heat treated friction blades hold module securely to the housing
- Installation retention: Push-n-Twist feature pulls fixture tight into the housing by rotating LED Trim clockwise
- Removal Retention: Rotate LED Trim counter-clockwise to swing friction blades out of position and remove LED Trim from housing.

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

- UL Certified for US and Canada, type IC suitable for direct contact with air permeable insulation
- UL Certified for US and Canada 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

Warranty

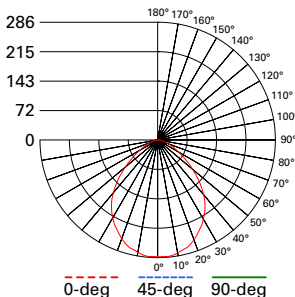
- Five year limited warranty, consult website for details. www.cooperlighting.com/warranty

¹ The LTE4 is UL Certified for use with any 4" diameter recessed luminaire constructed of steel or aluminum with an internal volume that exceeds 62.3 in³ addition to those noted below and does not exceed the input rating of the luminaire.

Energy Data

| Energy Data | |
|-----------------------|----------------|
| Lumens | 600 Series |
| Input Voltage | 120V |
| Input Current | 0.069 (mA) |
| Input Power | 8.0 (W) |
| Efficiency | Up to 76 (LPW) |
| Inrush (A) | |
| THD: ≤ 24% | |
| PF: ≥ 0.90 | |
| T Ambient -30 - +40°C | |
| Sound Rating ≤ 23dba | |

Photometric Data



0-deg 45-deg 90-deg


LTE46930 - 3000K

Spacing criterion:
(0-180) 1.16 | (90-270) 1.16 | (Diagonal) 1.23

Beam Angle: 89
Field Angle: 137.4°
Lumens: 620
Input Watts: 8.3 W
Efficacy: 74.7 LPW
UGR: 19
Test Report: P199334

| Zonal Lumen | Lumens | % Lumens |
|-------------|--------|----------|
| 0-30 | 214 | 37.3 |
| 0-40 | 339 | 58.9 |
| 0-60 | 517 | 90 |
| 0-90 | 575 | 100 |

| | |
|----------|-----------|
| TM-30-15 | Rf = 93 |
| | Rg = 103 |
| CRI/CIE | Ra = 96.6 |
| | R9 = 89 |



Product Specifications

LTE46930

PRODUCT SPECIFICATIONS

Lumens 620


Watts 8.3

Lumens Per Watt (Efficacy) 74.7

Color Accuracy (CRI) 91

Light Color (CCT) 3000K

Correlated Color Temperature (CCT)



2700K 3000K 4500K 6500K

warm white soft white bright white