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



HALO

LT56 5"/6" Recessed LED Trims

These LT LED Trims are ideal for quickly installing energy-saving downlighting in 5" and 6" recessed housings. The LT Series offers 5-color seleCCTable™ technology with flicker-free dimming to 10%. The safe, non-conductive dead-front trims come in baffle or smooth splay options. Decorative overlays are also available in 4 finishes.

Typical Applications Residential

Interactive Menu

- Order Information page 2
- Product Specifications page 3
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- Product Warranty
- Dimming Guide



Refer to ENERGY STAR® Certified Products List.
Can be used to comply with California Title 24 High Efficacy requirements.⁽¹⁾
Certified to California Appliance Efficiency Database under JAB.⁽²⁾

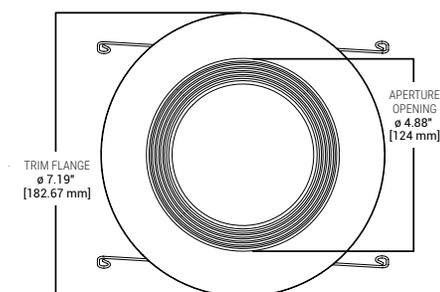


Top Product Features

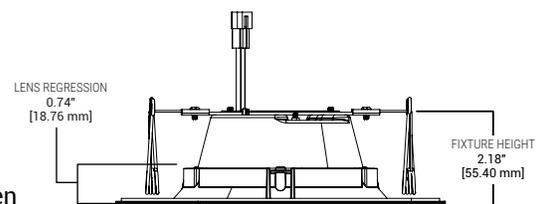
- Round 5"/6" Recessed LED Trims suitable for new construction, remodel, and retrofit installation in most 5" or 6" IC (insulation contact) or non-IC housings
- **Lens & Trim:** Recessed baffle or smooth splay trims with smooth flat diffuse lens
- **5-Color Field-SeleCCTable:** 2700K, 3000K, 3500K, 4000K, 5000K; 90+ CRI
- **Brightness:** 750 or 1200 lumen versions (nominal)
- **Dimming:** Dims to 10% (phase cut LE/TE); 120V input
- Includes preinstalled torsion springs, orange LED Quick Connect and E26 medium socket adapter
- Meets AIR-TITE and code compliance for additional energy savings
- **Life:** 35,000 hrs of maintenance-free operation in damp or wet locations
- 5-year warranty

Dimensional and Mounting Details

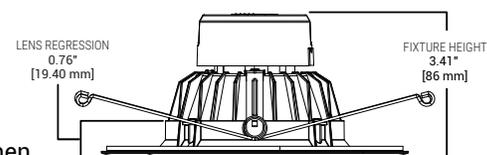
Package includes: E26 Screw Base Adapter
Installs in 5" or 6" housings



LT56 - 750 Lumen



LT56 - 1200 Lumen



Order Information

A complete downlight consists of an integrated LED trim and a recessed housing (order separately).

Individuals

| Catalog Number | Module | Lumens | CRI/CCT | Finish | Packaging |
|------------------|---|------------|--|-------------|------------|
| LT56079FS1EWHR | 5/6 inch LED retrofit module with baffle trim | 750 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | Recyclable |
| LTSS56079FS1EWHR | 5/6 inch LED retrofit module with smooth splay trim | 750 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | Recyclable |
| LT56129FS1EWHR | 5/6 inch LED retrofit module with baffle trim | 1200 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | Recyclable |
| LTSS5612FS1EWHR | 5/6 inch LED retrofit module with smooth splay trim | 1200 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | Recyclable |

Multi-packs

| Catalog Number | Module | Lumens | CRI/CCT | Finish | Packaging |
|-------------------|-----------------------------------|-----------|--|-------------|--------------------|
| LT56079FS1EWHR4PK | 5/6-inch Recessed Baffle LED Trim | 750 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | 4 pack, Recyclable |
| LT56079FS1EWHR6PK | 5/6-inch Recessed Baffle LED Trim | 750 lumen | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | Matte White | 6 pack, Recyclable |

Optional Accessories - Decorative Baffle Trim Overlays (sold separately)

| Catalog Number | Description |
|----------------|--|
| LT560MWB | 5/6-inch Overlay, Paintable Matte White |
| LT560MBB | 5/6-inch Overlay, Matte Black |
| LT560SNB | 5/6-inch Overlay, Satin Nickel |
| LT560TBZ | 5/6-inch Overlay, Tuscan Bronze |
| HE26LED | Replacement medium E26 screw base adapter (1 is already included with unit) |
| ML7RAB | Retrofit Adapter Band – use with existing 5" & 6" housings that do not have torsion spring receivers |



LT560MWB
White (Paintable),
Baffle



LT560MBB
Matte Black,
Baffle



LT560SNB
Satin Nickel,
Baffle



LT560TBZ
Tuscan Bronze,
Baffle

Compatible Housings

HALO - 6" Housings¹

| | |
|--------------------|--|
| HALO LED | H750ICAT, H750RICAT, H750T, H750TCP, H2750ICAT, H2750RICAT, H550ICAT, H550RICAT, E550ICAT, E550RICAT, E750ICAT, E750RICAT |
| Standard Housing | H7ICAT, H7ICT, H7T, H7ICATNB, H7ICTNB, H7TNB, H7UICAT, H7TCP, H7RICAT, H7RICT, H7RT, E7ICAT, E7ICATNB, E7RICAT, E7RTAT, E7TAT, E7TATNB, H7UICAT, H7ICATNB, H7ICTNB, H7TNB, H7UICAT |
| Shallow Housing | H27ICAT, H27RICAT, H27ICT, H27RICT, H27T, H27RT, EI2700AT, EI2700, EI2700R, ET2700, ET2700R, E27ICAT, E27RICAT, E27TAT, E27RTAT |
| Fire Rated Housing | H750FR2ICATD010 |

HALO - 5" Housings¹

| | |
|--------------------|--|
| Halo LED | H550ICAT, H550RICAT, E550ICAT, E550RICAT |
| Standard Housing | H5ICAT, H5ICATNB, H5RICAT, H5T, H5TNB, H5RT, E5ICAT, E5ICATNB, E5RICAT, E5RTAT, E5TAT, E5TATNB |
| Shallow Housing | H25ICAT, H25RICAT, H25ICATNB |
| Fire Rated Housing | H550FR2ICATD010 |

LUMINAIRES - UL Classified for retrofit compatibility

Note: Compatible with any 5" or 6" diameter recessed luminaire with an internal volume that exceeds 115 in³ in addition to those listed below.

| | | |
|---------------------|------------------|--|
| Juno | Standard Housing | IC22, IC22R, IC22W, IC22S, IC23, IC23W, TC2, TC2R, IC2 |
| | Shallow Housing | IC21, IC21R |
| Capri | Standard Housing | CR1, PR1, QL1 |
| | Shallow Housing | R9ASIC/PS9RM |
| Elco | | HL7ICA (EL7ICA) |
| Thomas | | PS1 |
| Commercial Electric | | C7ICA, H3 |

| | | |
|-------------------|------------------|--------------------|
| Lithonia Lighting | Standard Housing | LC6, L7X |
| | Shallow Housing | L7XP |
| Progress Lighting | Standard Housing | P87-AT** |
| | Shallow Housing | P86TG |
| Lightolier | | 1104ICS*, 1104ICR* |

1. This fixture is UL Certified for use with any 5" or 6" diameter recessed luminaire constructed of steel or aluminum with an internal volume that exceeds 107.9 in³ in addition to those noted below and does not exceed the input rating of the luminaire.

Specification Features

Module

- The LED module consists of an LED array, optical assembly, driver, and self-flanged trim
- Round recessed baffle or smooth splay trim and smooth flat lens
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 35,000 hrs in IC (insulation contact) and non-IC applications

LED Array

- Color Temperature (CCT): Available in 5-color selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K (soft white, bright white, neutral white, cool white, daylight)
- Mid-power LED array provides a uniform light source with high efficiency, long life, and no pixilation
- 90+ CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints provides color consistency and uniformity

Optical Assembly

- Optical assembly provides wide light distribution – useful for general area and task lighting
- Diffuse injection molded lens with smooth flat profile
- Meets ENERGY STAR® color angular uniformity requirements

Driver

- Integral 120V 60Hz constant current driver provides noise-free, high-efficiency operation
- Dimmable:** Continuous, flicker-free dimming from 100% to 10% with compatible leading or trailing edge (LE/TE) 120V phase cut dimmers. (See Dimming Guide for compatible dimmers.)
 - Tip:** For optimal dimming performance, consider dimmers with low-end trim adjustment; note that some dimmers require a neutral wire in the box
- Wiring:** Includes inline electrical orange LED Quick Connect and E26 medium socket adapter provides mains connections
- A separate ground wire and mounting hardware ensures proper ground connection to housing

Retention

- Preinstalled steel torsion springs hold the module securely in the housing (requires torsion spring receivers)
- Ships with torsion springs in the 6" position, adjusts to 5" position with two Phillips-head screws

Trim

- The one-piece step baffle or smooth splay and self-flanged trim ring provide lens regression and reduced light leaks
- Injection molded plastic construction is impact-resistant and non-corrosive
- Non-conductive construction meets most local dead-front code requirements

Gasket

- Due to the HALO LT/LTE design, a gasket is not required to achieve AIR-TITE code requirements (caulking can be used for additional sealing if necessary for local code)

Compliance

- UL Certified for US and Canada, type IC suitable for 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 others' 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 FCC47CFR Part 15 consumer limits
- Contains no mercury or lead and is RoHS compliant¹
- 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 listings¹
- 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/warranty

Energy Data

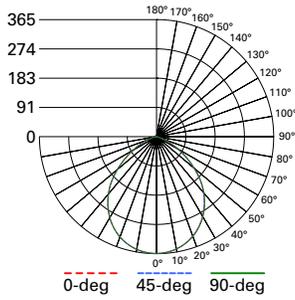
LT56 DOB - 750 Lumen

| | |
|---------------|-----------------|
| Lumens | 750LM |
| Input Voltage | 120V |
| Input current | 0.065A |
| Input Power | 8.75W |
| Efficiency | 63.50% |
| Inrush(A) | 3.74 |
| THD | 25.70% |
| PF | 0.966 |
| T Ambient | -30 - +40°C |
| Sound Rating | 18.024dB @1feet |

LT56 - 1200 Lumen

| | |
|---------------|-------------|
| Lumens | 1200LM |
| Input Voltage | 120V |
| Input current | 0.105A |
| Input Power | 12.4W |
| Efficiency | 84.00% |
| Inrush(A) | 2.9 |
| THD | 14.50% |
| PF | 0.97 |
| T Ambient | -30 - +40°C |
| Sound Rating | 20.2db@30cm |

Photometric Data



LT56079FS1EWHR_3000K

Spacing Criteria (0/90/45):
1.17 / 1.17 / 1.27
Beam Angle: 95.7°
Field Angle: 141.4°
Lumens: 795
Input Watts: 8.6 W
Efficacy: 92.4 LPW
UGR: 22.6
Test Report: P798568

| Zonal Lumen | Lumens | % Lumens |
|-------------|--------|----------|
| 0-30 | 273.2 | 34.4 |
| 0-40 | 435.2 | 54.7 |
| 0-60 | 708.2 | 89.1 |
| 0-90 | 794.1 | 99.9 |

| | |
|----------|-----------|
| TM-30-15 | Rf = 92 |
| | Rg = 101 |
| CRI/CIE | Ra = 93 |
| | R9 = 83.2 |

CCT - Range of 2700K- 5000K



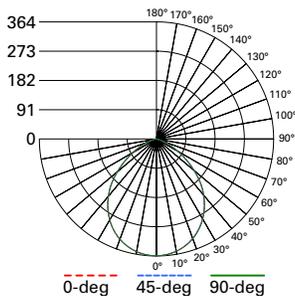
94°

LT56 5CCT

| CCT | Watts | lumens | LPW | CRI |
|-------|-------|--------|------|-----|
| 2700K | 8.5 | 760 | 89.4 | 93 |
| 3000K | 8.6 | 795 | 92.4 | 93 |
| 3500K | 8.0 | 790 | 98.8 | 93 |
| 4000K | 8.5 | 795 | 93.5 | 93 |
| 5000K | 8.0 | 780 | 97.5 | 93 |

LT56079FS1EWHR_3000K

| PRODUCT SPECIFICATIONS | |
|---|-------|
| Lumens | 795 |
| Watts | 8.6 |
| Lumens Per Watt (Efficacy) | 92.4 |
| Color Accuracy (CRI) | 93 |
| Light Color (CCT) | 3000K |
| Correlated Color Temperature (CCT) | |
| | |
| warm white 3000K soft white bright white 2700K 3000K 4500K 6500K | |



LTSS56079FS1EWHR_3000K

Spacing Criteria (0/90/45):
1.17 / 1.17 / 1.26
Beam Angle: 94.8°
Field Angle: 141.6°
Lumens: 789.7
Input Watts: 8.7 W
Efficacy: 90.8 LPW
UGR: 22.7
Test Report: P798563

| Zonal Lumen | Lumens | % Lumens |
|-------------|--------|----------|
| 0-30 | 273.4 | 34.6 |
| 0-40 | 434.2 | 55.0 |
| 0-60 | 703.1 | 89.0 |
| 0-90 | 788.9 | 99.9 |

| | |
|----------|-----------|
| TM-30-15 | Rf = 92 |
| | Rg = 101 |
| CRI/CIE | Ra = 93 |
| | R9 = 83.4 |

CCT - Range of 2700K- 5000K



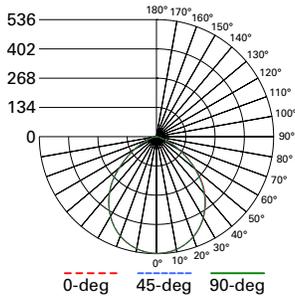
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LT56 5CCT

| CCT | Watts | lumens | LPW | CRI |
|-------|-------|--------|-------|-----|
| 2700K | 8.5 | 770 | 90.6 | 93 |
| 3000K | 8.7 | 790 | 90.8 | 93 |
| 3500K | 8.0 | 810 | 101.3 | 93 |
| 4000K | 8.5 | 810 | 95.3 | 93 |
| 5000K | 8.5 | 790 | 92.9 | 93 |

LTSS56079FS1EWHR_3000K

| PRODUCT SPECIFICATIONS | |
|---|-------|
| Lumens | 790 |
| Watts | 8.7 |
| Lumens Per Watt (Efficacy) | 90.8 |
| Color Accuracy (CRI) | 93 |
| Light Color (CCT) | 3000K |
| Correlated Color Temperature (CCT) | |
| | |
| warm white 3000K soft white bright white 2700K 3000K 4500K 6500K | |



LT56129FS1EWHR-3000K

Spacing criterion:
 (0-180) 1.22 | (90-270) 1.20 |
 (Diagonal) 1.28
 Beam Angle: 92.9°
 Field Angle: 93.6°
 Lumens: 1127
 Input Watts: 12 W
 Efficacy: 94 LPW
 UGR: 21.5
 Test Report: P600898

| Zonal Lumen | Lumens | % Lumens |
|-------------|--------|----------|
| 0-30 | 405.9 | 36 |
| 0-40 | 646.3 | 57.3 |
| 0-60 | 1019.8 | 90.5 |
| 0-90 | 1123.7 | 99.7 |

| | |
|----------|-----------|
| TM-30-15 | Rf = 92 |
| | Rg = 103 |
| CRI/CIE | Ra = 96.5 |
| | R9 = 85.2 |

CCT - Range of 2700K- 5000K



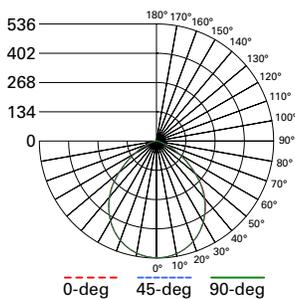
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LT56 5CCT

| CCT | Watts | lumens | LPW | CRI |
|-------|-------|--------|-------|-----|
| 2700K | 12.7 | 1230 | 96.9 | 93 |
| 3000K | 12.2 | 1345 | 110.2 | 93 |
| 3500K | 12.1 | 1385 | 114.5 | 93 |
| 4000K | 12.3 | 1380 | 112.2 | 93 |
| 5000K | 12.6 | 1290 | 102.4 | 93 |

LT56129FS1EWHR-3000K

| PRODUCT SPECIFICATIONS | |
|------------------------------------|-------|
| Lumens | 1345 |
| Watts | 12.2 |
| Lumens Per Watt (Efficacy) | 110.2 |
| Color Accuracy (CRI) | 93 |
| Light Color (CCT) | 3000K |
| Correlated Color Temperature (CCT) | |
| | |



LTSS5612FS1EWHR-3000K

Spacing criterion:
 (0-180) 1.22 | (90-270) 1.20 |
 (Diagonal) 1.28
 Beam Angle: 92.9°
 Field Angle: 93.6°
 Lumens: 1127
 Input Watts: 12 W
 Efficacy: 94 LPW
 UGR: 21.5
 Test Report: P600898

| Zonal Lumen | Lumens | % Lumens |
|-------------|--------|----------|
| 0-30 | 405.9 | 36 |
| 0-40 | 646.3 | 57.3 |
| 0-60 | 1019.8 | 90.5 |
| 0-90 | 1123.7 | 99.7 |

| | |
|----------|-----------|
| TM-30-15 | Rf = 92 |
| | Rg = 103 |
| CRI/CIE | Ra = 96.5 |
| | R9 = 85.2 |

CCT - Range of 2700K- 5000K



93°

LT56 5CCT

| CCT | Watts | lumens | LPW | CRI |
|-------|-------|--------|-------|-----|
| 2700K | 12.7 | 1230 | 96.9 | 93 |
| 3000K | 12.2 | 1345 | 110.2 | 93 |
| 3500K | 12.1 | 1385 | 114.5 | 93 |
| 4000K | 12.3 | 1380 | 112.2 | 93 |
| 5000K | 12.6 | 1290 | 102.4 | 93 |

LTSS5612FS1EWHR-3000K

| PRODUCT SPECIFICATIONS | |
|------------------------------------|-------|
| Lumens | 1345 |
| Watts | 12.2 |
| Lumens Per Watt (Efficacy) | 110.2 |
| Color Accuracy (CRI) | 93 |
| Light Color (CCT) | 3000K |
| Correlated Color Temperature (CCT) | |
| | |