

|             |  |           |  |      |  |
|-------------|--|-----------|--|------|--|
| 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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- Photometric Data [page 4](#)
- Product Warranty
- Dimming Guide



ENERGY STAR



CERTIFIED



Efficiency Standards  
California Title 24 Part 6  
California Energy Commission Requirements (SAB)



Efficiency Standards  
California Title 20  
Certified LED  
Tier 1 Lamp



Can be used for  
IECC  
International Energy  
Conservation Code  
High Efficacy  
Components



Refer to ENERGY STAR® Certified Products List.  
Can be used to comply with California Title 24 High Efficacy requirements.<sup>10</sup>  
Certified to California Appliance Efficiency Database under JAB.<sup>10</sup>



2700K • 3000K • 3500K  
6000K • 5000K



IC RATED



airTITE



Showerlight



DEAD FRONT

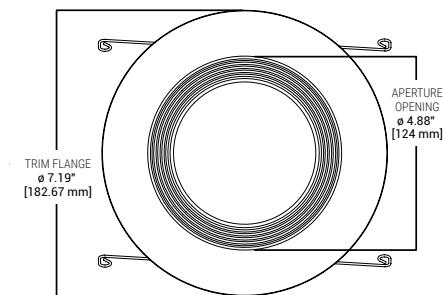
#### Top Product Features

- 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

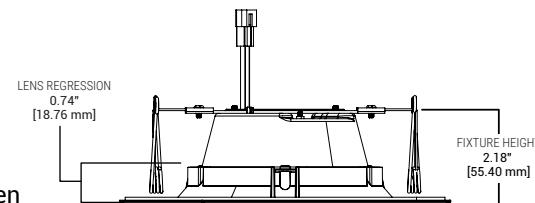
#### Dimensional and Mounting Details

Package includes: E26 Screw Base Adapter

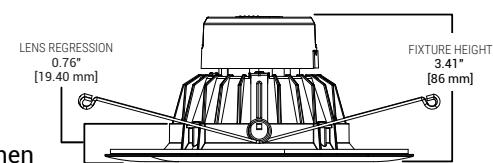
**Installs in 5" or 6" housings**



LT56 - 750 Lumen



LT56 - 1200 Lumen



<sup>10</sup> T24 and RoHS are self-tested by Cooper Lighting Solutions. Not a third party certification.

## Order Information

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

### Individuals

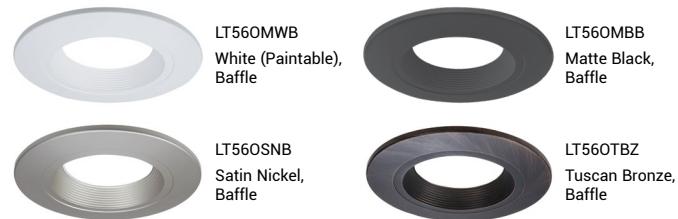
| Catalog Number   | Module  | Lumens     | CRI/CCT  | Finish      | Packaging  |
|------------------|---|------------|--|-------------|------------|
| LT56079FS1EWHR   | 5/6 inch LED retrofit module with baffle trim       | 750 lumen  | 90+ CRI, field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K | 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 |
| LTSS56129FS1EWHR | 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 |



### Compatible Housings

#### HALO - 6" Housings<sup>1</sup>

|                    |  |
|--------------------|--|
| 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, E12700AT, E12700, E12700R, ET2700, ET2700R, E27ICAT, E27RICAT, E27TAT, E27RTAT  |
| Fire Rated Housing | H750FR2ICATD010  |

#### HALO - 5" Housings<sup>1</sup>

|                    |  |
|--------------------|--|
| 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 in<sup>3</sup> 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<br>Lighting | Standard Housing     | LC6, L7X |
|                      | Shallow Housing      | L7XP     |
| Progress<br>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 in<sup>3</sup> 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 pixelation
- 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 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 compliant<sup>1</sup>
- 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<sup>1</sup>
- 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](http://www.cooperlighting.com/warranty)

## Energy Data

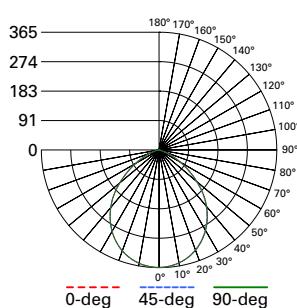
### LT56 DOB - 750 Lumen

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



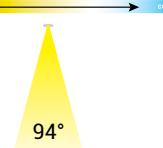
LT56079FS1EWHR\_3000K

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

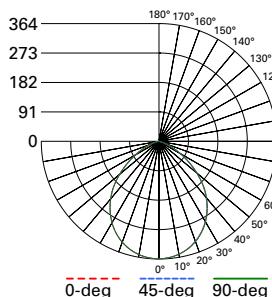


LT56 5CCT

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



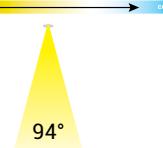
LTSS56079FS1EWHR\_3000K

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

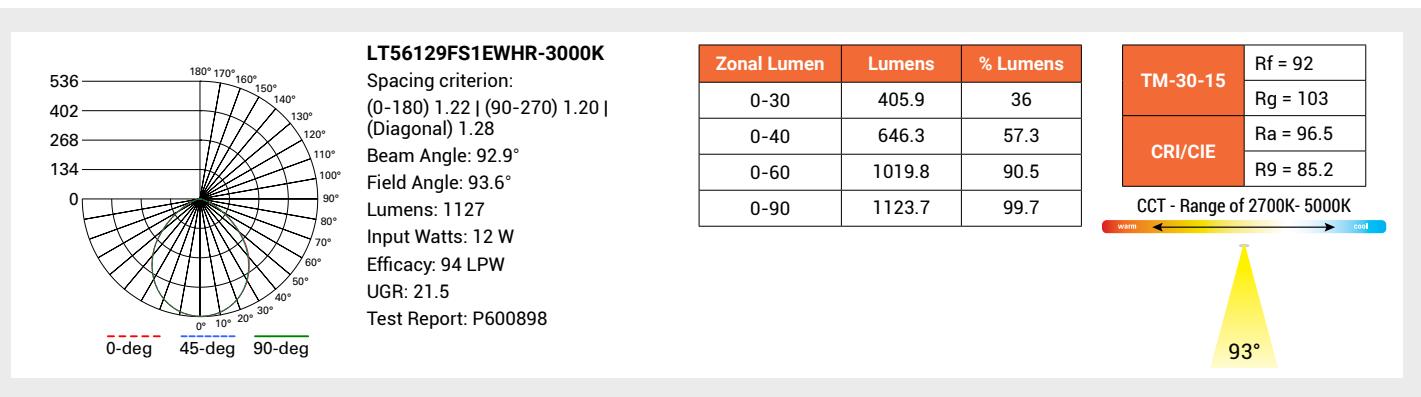


LT56 5CCT

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



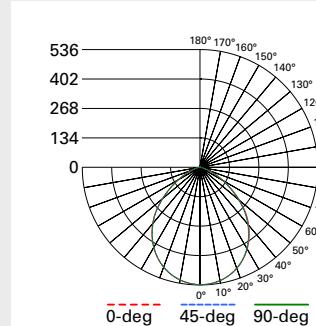
| LT56 5CCT |       |        |       |     |
|-----------|-------|--------|-------|-----|
| CCT       | Watts | lumens | LPW   | CRI |
| 2700K     | 12.7  | 1230   | 96.9  | 93  |
| 3000K     | 12.2  | 1345   | 110.2 | 93  |
| 3500K     | 12.1  | 1385   | 114.5 | 93  |
| 4000K     | 12.3  | 1380   | 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<br>Correlated Color Temperature (CCT) |

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



| 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<br>Correlated Color Temperature (CCT) |

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

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

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ENERGY STAR



CERTIFIED



Efficiency Standards  
California Title 24 Part 6  
California Energy Code  
High Efficacy Requirements (SAE)



Efficiency Standards  
California Title 20  
Certified LED  
Tier 1 Lamp



Can be used for  
IECC  
International Energy  
Conservation Code  
High Efficacy  
Requirements



Refer to ENERGY STAR® Certified Products List.  
Can be used to comply with California Title 24 High Efficacy requirements.<sup>10</sup>  
Certified to California Appliance Efficiency Database under JAB.<sup>10</sup>



2700K • 3000K • 3500K  
4000K • 5000K • 90+ CRI



IC RATED



airTITE



Showerlight



DEAD FRONT

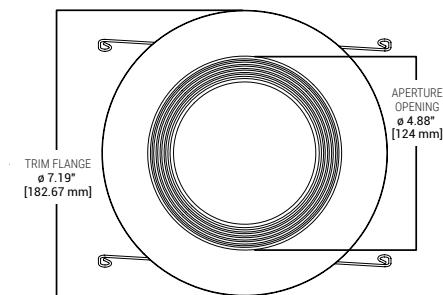
#### Top Product Features

- 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

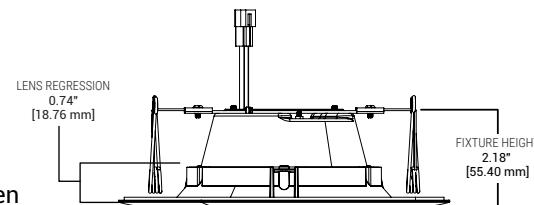
#### Dimensional and Mounting Details

Package includes: E26 Screw Base Adapter

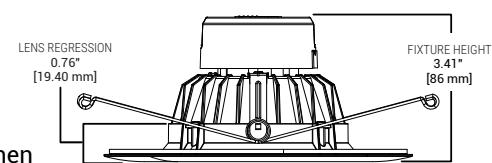
**Installs in 5" or 6" housings**



LT56 - 750 Lumen



LT56 - 1200 Lumen



<sup>10</sup> T24 and RoHS are self-tested by Cooper Lighting Solutions. Not a third party certification.

## 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 |
| LTSS56129FS1EWHR | 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 |



### Compatible Housings

#### HALO - 6" Housings<sup>1</sup>

|                    |  |
|--------------------|--|
| 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, E12700AT, E12700, E12700R, ET2700, ET2700R, E27ICAT, E27RICAT, E27TAT, E27RTAT  |
| Fire Rated Housing | H750FR2ICATD010  |

#### HALO - 5" Housings<sup>1</sup>

|                    |  |
|--------------------|--|
| 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 in<sup>3</sup> 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<br>Lighting | Standard Housing     | LC6, L7X |
|                      | Shallow Housing      | L7XP     |
| Progress<br>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 in<sup>3</sup> 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 pixelation
- 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 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 compliant<sup>1</sup>
- 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<sup>1</sup>
- 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](http://www.cooperlighting.com/warranty)

## Energy Data

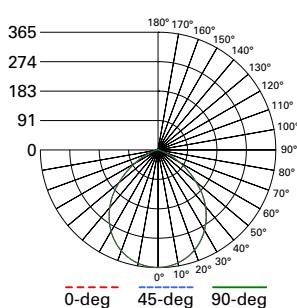
### LT56 DOB - 750 Lumen

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



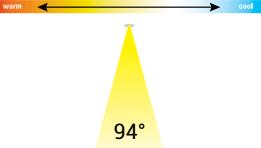
LT56079FS1EWHR\_3000K

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

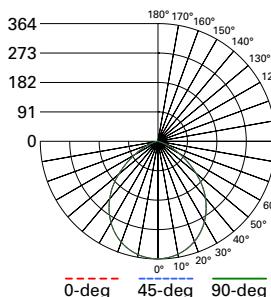


LT56 5CCT

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



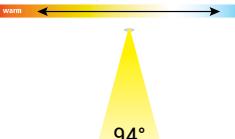
LTSS56079FS1EWHR\_3000K

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

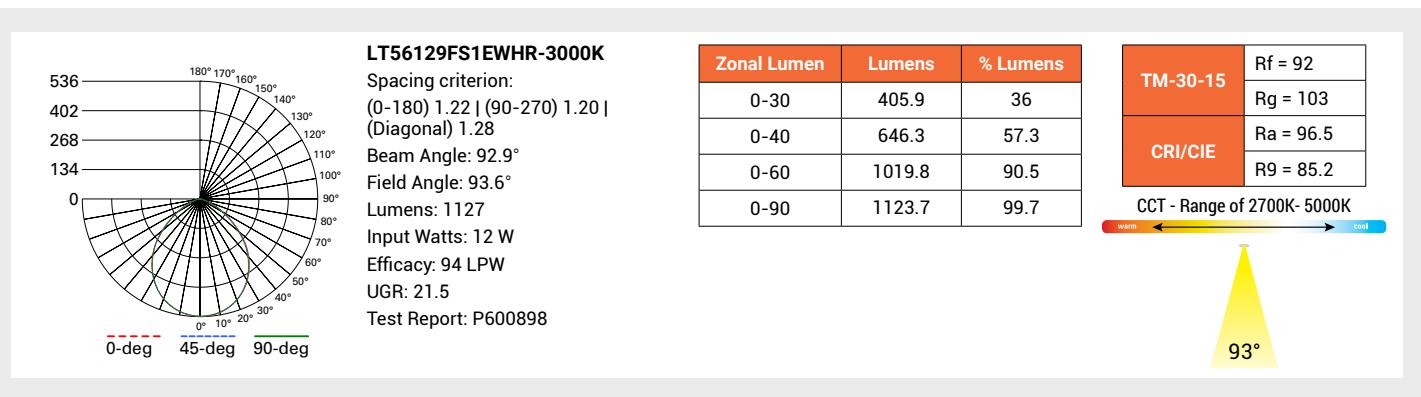


LT56 5CCT

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



| 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<br>Correlated Color Temperature (CCT) |

warm white      soft white      bright white



| 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<br>Correlated Color Temperature (CCT) |

warm white      soft white      bright white