

Project		Catalog #		Type	
Prepared by		Notes		Date	



# HALO

## LTB6 Canless Direct Mount

6" LED Canless Direct Mount Module  
800 Lumen Series

Baffle Trim

### Typical Applications

Residential

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### Product Certification



Refer to ENERGY STAR® Certified Products List.  
Can be used to comply with California Title 24 High Efficacy requirements.  
Certified to California Appliance Efficiency Database under J48.

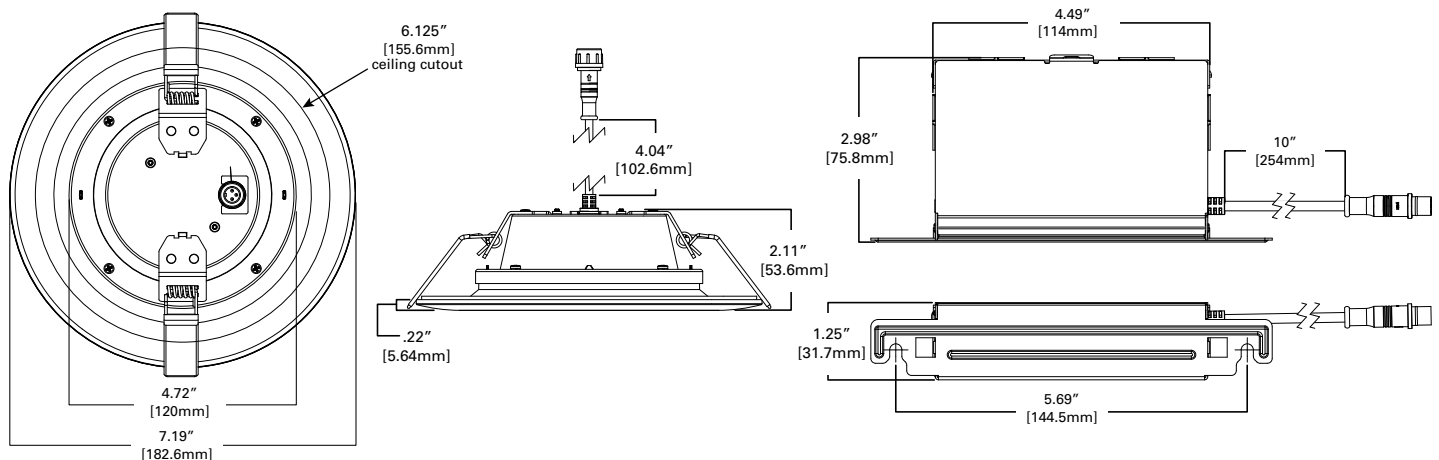
### Product Features



### Top Product Features

- Selectable CCT 3000K ,4000K ,5000k only
- Baffle trim
- Canless direct mount – does not require recessed housing or junction box
- Dimmable down to 10%
- Perfect for new construction or remodel work

### Dimensional and Mounting Details



## Order Information

SAMPLE ORDER NUMBER: **LTB6089FS351EWHDMR**

Module	Lumens	CRI/CCT	Driver	Finish	Mounting	Packaging
LTB6 = 6-inch baffle LED canless module	08 = 800 lumens (nominal)	9FS35 = 90 CRI min, 3000K, 4000K, 5000K selectable CCT	1E = 120V 60Hz, LE & TE phase cut 10% dimming	WH = Matte White flange	DM = Direct Mount	R = Recyclable 4-color unit carton

### Accessories

Accessories
HL6RSMF = 6" round and square mounting frame
<b>Extension Cable   seleCCTable Driver/Jbox</b>
HLB06FSEC = 6 ft. extension cable
HLB12FSEC = 12 ft. extension cable
HLB20FSEC = 20 ft. extension cable

## Specification Features

### Module

- LED module consists of LED array, optical assembly, driver and self-flanged trim
- Baffle style trim
- Achieving L70 at 35,000 hours in IC and non-IC applications
- Injection molded plastic construction is impact resistant and non-corrosive
- Non-conductive construction meets most local code 'dead front' requirements

### 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 3-color selectable CCT: 3000K, 4000K, 5000K

### 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

### Junction Box

- Die formed metal driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (4) ½" conduit pry-outs
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) wire nuts for quick and reliable mains voltage connections
- Integral mounting facilitates direct mounting to building structure or mounting frame

### 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

### Installation

- Can be installed in 3/8" to 1-1/4" thick ceilings
- Round ceiling cutout
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

### Compliance

- UL Certified for US and Canada type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP55 ingress protection rated
- Air-tite 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 LM79-08
- 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 LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2019 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

### Warranty

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

## Energy Data

LTB6089FS351EWHDMR	
Lumens	800 Series
Input Voltage	120V
Input Current	74 (mA)
Input Power	8.4 (W)
Efficiency	90.8 (LPW)
Inrush (A)	.07
THD:	≤ 20%
PF:	≥ 0.90
T Ambient	-30° - +40°C
Sound Rating	≤ 22 dba

LTB6-DM 3000K / 4000K / 5000K				
CCT	Watts	lumens	LPW	CRI
3000K	8.6	745	86.6	93
4000K	8.3	820	98.8	94
5000K	8.6	810	94.2	92

### LTB6089FS351EWHDMR - 3000K

PRODUCT SPECIFICATIONS	
Lumens	745
Watts	8.6
Lumens Per Watt (Efficacy)	86.6
Color Accuracy (CRI)	93
Light Color (CCT)	3000K
Correlated Color Temperature (CCT)	
<p>The image shows a color temperature scale from 2700K (warm white) to 6500K (bright white). A yellow arrow points to the 3000K mark, which is labeled 'soft white'.</p>	
2700K	3000K
4500K	6500K