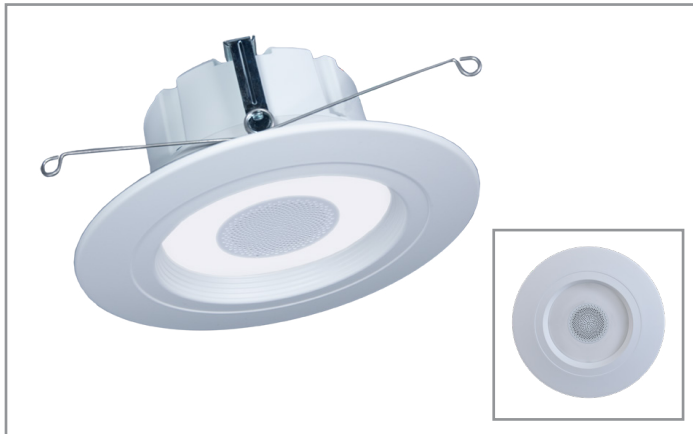


Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO HOME

Smart Bluetooth Speaker Downlight

5/6-Inch Integrated Bluetooth Speaker and Smart LED Retrofit Module

Typical Applications
Residential

Interactive Menu

- Order Information page 2
- Product Specifications page 3
- Energy & Performance Data page 4
- Product Warranty

Product Certification



-CA models only



DAMP LOCATION

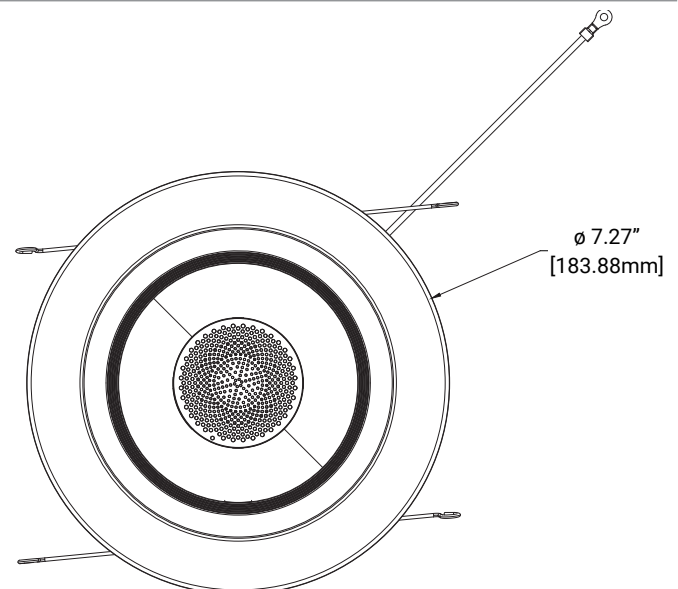
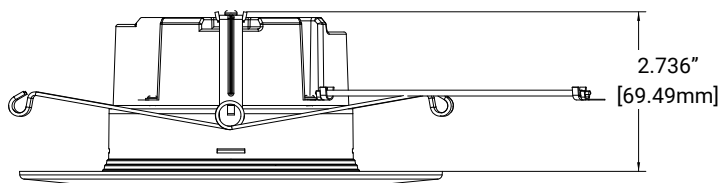
Product Features



Top Product Features

- Integrated Bluetooth Speaker can be used alone or grouped with up to 7 other Smart Speaker Downlights.
- Adjustable white tuning: 2700K - 5000K, 90 CRI
- Connect the light component to the HALO Home Bluetooth Mesh for wireless control, no hub or internet required
- Suitable for new construction, remodel and retrofit
- Certified for use with HALO 5" & 6" housings along with other manufacturers 5" & 6" housings (See chart)

Dimensions



Order Information

SAMPLE ORDER NUMBER: **RL56069B4WHBLE**

Module	Lumens	CRI/CCT	Protocol	Finish	Type	Optional
Module	Lumens	CRI/CCT	Protocol	Finish	Type	Optional
RL56 = HALO Home LED Retrofit	06 = 600 Lumens (nominal)	9 = 90 CRI minimum, white tuning, select CCT 2700K – 5000K, in the mobile app	B4 = Bluetooth Mesh wireless control, 4.0	WH = matte white baffle trim	BLE = Bluetooth Speaker	-CA = California T24 Compliant

Housings

Housings	Housings
Halo LED 5-inch H550ICAT = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing H550RICAT = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing E550ICAT = 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing E550RICAT = 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing Halo LED 6-inch H750ICAT = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing H750RICAT = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing H750T = 6" LED, Non-IC, Air-Tite, New Construction Housing H750TCP = 6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing H2750ICAT = 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Construction (use with 691X, 694X, 696X trims only) H2750RICAT = 6" LED, Shallow, Insulated Ceiling, Air-Tite, Remodel (use with 691X, 694X, 696X trims only) E750ICAT = 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing E750RICAT = 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing Halo LED retrofit ML7E26RFK = 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface ML7BXFK = 6" Retrofit Enclosure, Non-IC, BX Whip Halo Shallow Housings 5-inch H25ICAT = 5" Shallow, Insulated Ceiling, Air-Tite New Construction H25RICAT = 5" Shallow, Insulated Ceiling, Air-Tite Remodel H25ICATNB = 5" Shallow, Insulated Ceiling, Air-Tite New Construction, No Socket Bracket Halo Shallow Housings 6-inch H27ICAT = 6" Shallow, Insulated Ceiling, Air-Tite New Construction H27RICAT = 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing H27T = 6" Shallow, Non-IC, New Construction Housing H27RT = 6" Shallow, Non-IC, Remodel Housing E27ICAT = 6" Shallow, Insulated Ceiling, Air-Tite New Construction E27RICAT = 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing E27TAT = 6" Shallow, Non-IC, New Construction Housing E27RTAT = 6" Shallow, Non-IC, Remodel Housing	Halo Standard Housings 5-inch H5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing H5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing H5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H5T = 5" Non-IC, New Construction Housing H5RT = 5" Non-IC, Remodel Housing H5TNB = 5" Non-IC, New Construction Housing, No Socket Bracket E5ICAT = 5" Insulated Ceiling, Air-Tite New Construction Housing E5RICAT = 5" Insulated Ceiling, Air-Tite Remodel Housing E5ICATNB = 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket E5TAT = 5" Non-IC, New Construction Housing E5RTAT = 5" Non-IC, Remodel Housing E5TATNB = 5" Non-IC, New Construction Housing, No Socket Bracket Halo Standard Housings 6-inch H7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing H7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing H7ICT = 6" Insulated Ceiling, New Construction Housing H7ICTNB = 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H7T = 6" Non-IC, New Construction Housing H7RT = 6" Non-IC, Remodel Housing H7TNB = 6" Non-IC, New Construction Housing, No Socket Bracket H7TCP = 6" Non-IC, Chicago Plenum, New Construction/Remodel Housing H7UCAT = 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing E7ICAT = 6" Insulated Ceiling, Air-Tite New Construction Housing E7RICAT = 6" Insulated Ceiling, Air-Tite Remodel Housing E7ICATNB = 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket E7TAT = 6" Non-IC, New Construction Housing E7RTAT = 6" Non-IC, Remodel Housing E7TATNB = 6" Non-IC, New Construction Housing, No Socket Bracket

The Smart Bluetooth Speaker Downlight is UL Classified for retrofit in any 5"/6" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 107.9 in³ in addition to those noted above.

For housings that do not have torsion spring receivers use HALO Retrofit Adapter Band: ML7RAB.

Accessories

Accessories
HE26LED = E26 Medium Socket adapter for LED retrofit (Included in all SKUs except the -CA version)

Product Specifications

Wireless System

- For use with the Halo Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off, white tuning and lumen output to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile application.
- Setup Groups, Scenes, and Schedules to automate lighting with the HALO Home mobile app.

Wireless Pairing

- See online HALO Home Quick Start Guides for commissioning, setup, how-tos and troubleshooting – including our Installation Guide go to: support.BringHaloHome.com

Lighting Bluetooth Mesh

- HALO Home products work better together. Expand and strengthen the Bluetooth network range by adding HALO Home devices
- **Commissioning and Set up:** Smartphone(s) will need to be within range (~35 ft line-of-sight) of a HALO Home product to commission and set up.
- **Control:** Smartphone(s) will need to be within range (~35 ft line-of-sight) of any HALO Home product to control anything within the mesh. (add remote access to a HALO Home installation by installing the optional Bridge)
- Device-to-device communication is ~100 ft line-of-sight
- Remote access to HALO Home lighting is available with the optional Smart Bridge
- Max Devices/Account: 200
- Learn more at BringHaloHome.com

Bluetooth Audio

- Speaker connects via standard Bluetooth audio connections rather than the Bluetooth Mesh smart lighting network
- HALO Home speaker groups can be created by connected up to 7 Satellite Speakers to a single Primary Speaker.
- Bluetooth Audio Range:
 - Smartphone to Primary Speaker: ~33ft line-of-sight
 - Primary Speaker to Satellite Speakers: ~33ft line-of-sight

Control & Dimming

- Prefer constant power so they can repeat or respond to lighting control messages with the Bluetooth Mesh from mobile app, voice (via the optional Bridge), or Controller.
- Flicker-free dimming from 100%-5% via app or HALO Home Controllers
- To provide constant power and for best results wire to HALO Home (Remote) Controllers:
 - Accessory Dimmer
 - Accessory Switch (ON/OFF)
 - Scene Keypad (Hardwired)
- If not installing with a HALO Home Controller, these smart lights can be used with standard ON/OFF switches, although this is not recommended due to:
 - Reduced number of powered products within the Bluetooth Mesh
 - Risk of accidental factory resets.
- IMPORTANT: Leaving lights on for less than 13-seconds, 4 times in a row (regardless of OFF time) can trigger a factory reset.
- Because these dim in response to wireless Bluetooth messages - DO NOT USE WITH OTHER MANUFACTURER'S DIMMERS

Power Cycle Behavior

- An unpaired HALO Home Smart Light will turn lighting ON to 100% and will flash twice each time it is power cycled.
- Once paired, a HALO Home Smart Light will return to its last known ON dim level as a safety precaution. *(If the lighting was OFF previous to the power cycle, lighting will turn ON when power is restored.)*

Module - Trim

- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

Gasket

- Closed-cell gasket achieves restrictive airflow (ASTM-283) and damp location listing without additional gaskets or caulking

LED Array

- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an adjustable range from 2700K to 5000K within the mobile app (factory default 3000K)
- 50,000 hour life

Optics

- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver

- Integral 120V 60 Hz constant current driver provides noise free operation
- Inline electrical quick connect and E26 adapter (provided in non California version) provides mains connections
- Consult instruction sheets and quick start guide for more information

Dimming

- Dim via the HALO Home mobile app or HALO Home remote controllers like the Accessory Dimmer, Anyplace Dimmer or Scene Keypad.
- Flicker-free dimming from 100% to 5%
- Do not use with any other manufacturer's dimmers.
- Can be used with standard ON/OFF switch but not recommended due to reducing powered devices within the Bluetooth Mesh.

Retention

- Integral torsion springs for quick and secure installation

Compliance

- UL Certified for US and Canada for use with Halo housings and other's housings
- Damp location listed
- 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. Complies with Title 24 JA8-2019-E.
- FCC ID - 2AKCY-RL56BBLES
- IC Code - 4706A-RL56BBLES

Warranty

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

Energy and Performance Data

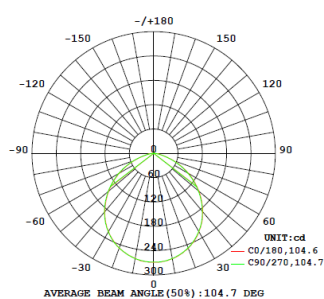
Standard Efficacy Versions

Catalog Number	Lumens	Watts	lm/W
RL56069B4WHBLE	675	13.5	50

Lighting Information

PRODUCT SPECIFICATIONS	
Brightness	675 lumens*
Energy Used	13.5 watts*
Lumens per Watt (Efficacy)	50.0*
Color Accuracy	93
Light Color (CCT)	
Correlated Color Temperature (CCT)	
<div> <div></div> <div>warm white</div> <div>2700K</div> </div> <div> <div></div> <div>daylight</div> <div>5000K</div> </div> <div>Color Temp Range</div>	
* Performance metrics are measured at the factory setting: 3000K	

Photometric Data



RL56069B4WHBLE-3000K

Spacing criterion: (0-180) 1.24
(90-270) 1.24
(Diagonal) 1.34

Beam Angle: 104.5°

Field Angle: 150.8°

Lumens: 675

Input Watts: 13.5 W

Efficacy: 50.0 LPW

Test Report:

RL56069B4WHBLE-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	214.3	31.1
0-40	336.2	48.8
0-60	574.6	83.4
0-90	689.0	100

Discontinued
18-07-2023