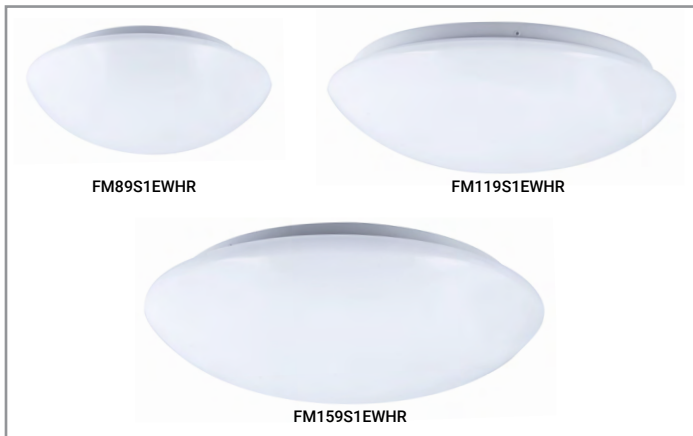


Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO

FM WR CCT SELECT

LED Low Profile Round Flushmount Ceiling Mount and Recessed Retrofit Module

Typical Applications

Bedroom • Closet • Corridor • Stairway • Utility Rooms • Laundry Rooms • Dormitories

Interactive Menu

- Order Information [page 2](#)
- Energy and Performance Data [page 2](#)
- Product Warranty

Top Product Features

- 3 Color Field selectable CCT: 3000K, 4000K and 5000K for 8" fixture
- 5 Color Field selectable CCT: 2700K, 3000K, 3500K, 4000K, 5000K for 11" & 15" fixture
- 93 CRI and JA8 compliant
- Dimmable with 120V dimmer
- Retrofit ready to fit 5" and 6" incandescent housings
- ENERGY STAR® rated

Product Certification

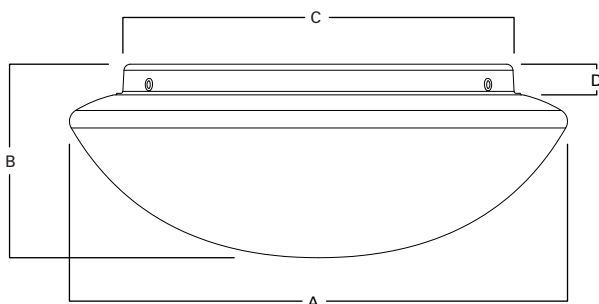


Product Features



Dimensions

Catalog Number	A	B	C	D
FM89S1EWHR	7.68" [195mm]	2.98" [76mm]	6.03" [153mm]	0.47" [12mm]
FM119S1EWHR	11.01" [280mm]	3.12" [79mm]	9.72" [247mm]	0.53" [13mm]
FM159S1EWHR	14.58" [370mm]	3.84" [97mm]	12.67" [322mm]	0.53" [13mm]



Order Information, Performance Data*, Shipping Data

Catalog Number	Lumens	Watts	CRI	Unit Carton UPC	Individual Wt.	Master Pack	Pallet
FM89S1EWHR	920	10.5	93	080083256587	0.70 lbs.	8	240
FM119S1EWHR	1250	14.5	93	080083257706	1.47 lbs.	4	144
FM159S1EWHR	1510	18	93	080083257720	2.16 lbs.	4	72

* Performance is measured at 3000K CCT

Product Specifications

Construction

- Die formed post painted white steel housing
- Available sizes: 8", 11" and 15" nominal
- Injection molded acrylic round lens
- Tool-less twist and lock lens retention design for easy maintenance

Controls

- Designed for continuous dimming to 10% nominal
- Compatible with most standard 120V leading edge and trailing edge Phase Control dimmers

Electrical

- Selectable switch configuration includes 2700K, 3000K, 3500K, 4000K, and 5000K CCT
- FM89S model has three selectable switch configurations: 3000K, 4000K and 5000K CCT
- 120V, FCC rated Class B, dimming driver
- L70 at 50,000 rated life-hours (TM-21), or greater than 43 years at 3 hrs/day
- LEDs are 93 CRI minimum
- E26 medium screwbase Edison adapter provides easy retrofit of incandescent housings (See housing compatibility)

Shielding

- Round low-profile die formed lens design
- Standard smooth opal whit blend provides even illumination with no pixelization
- Lens provides 360-degrees of light distribution

Installation

- Surface (wall or ceiling) mount capable via junction box
- Includes mounting screws, wire connectors
- Ambient temperature range: -30°C to 35°C
- Retrofit ready to fit 5" and 6" incandescent housings
- Retrofit accessories included: E26 screwbase adapter, torsion springs, mounting plate and quick connector

Compliance

- UL certified for US and Canada
- Damp location listed
- 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 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Limited Warranty

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

Housing Compatibility

Compatible Halo Incandescent E26 Screwbase Housings	
<p>Halo Standard Housings 5-inch</p> <p>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 H25ICAT= 5" Shallow, Insulated Ceiling, Air-Tite New Construction H25ICATNB= 5" Shallow, Insulated Ceiling, Air-Tite New Construction, No Socket Bracket 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</p> <p>Halo Standard Housings 6-inch</p> <p>H7ICAT= 6" Insulated Ceiling, Air-Tite New Construction Housing H7RICAT= 6" Insulated Ceiling, Air-Tite Remodel Housing H7ICT= 6" Insulated Ceiling, New Construction Housing H7RICT= 6" Insulated Ceiling, Remodel Housing</p>	<p>H7ICATNB= 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket H7ICTNB= 6" Insulated Ceiling, 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 H7UICAT= 6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing 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 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</p>

UL certification for use in internal volume not to exceed 107.9 cu in.

Features and Benefits

	Feature	Benefit
Performance	Field Selectable CCT (2700-3000-3500-4000-5000K)	Customize light color to match any space
	ENERGY STAR® certification	Eligible for Energy Rebates
	5-year limited warranty	Certified and guaranteed performance
Construction	Long life LED source, L70 at 50,000 hours	No costly lamp replacements
	J-Box mount and retrofit ready	Easy to install or retrofit
	Opal white lens for 360-degree of light	Even illumination and light for safety