Project		Catalog #		Type	
Prepared by		Notes		Date	

HALO

LT4 Selectable CCT – Baffle

4" All-Purpose LED Retrofit Module
600 Lumen Series

Typical Applications

Residential

Product Certification

ENERGY STAR

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

Efficiency Standards
T24
Can be used to comply
with 2019 Title 24 Part 6
LED Enclosed Light
Source Requirements (JA8)

Efficiency Standards
T20
California Title 20
Certified LED
Tier 1 Lamp

UL CERTIFIED SAFETY

RoHS COMPLIANT

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 JA8.

Product Features

seleCCTable 3 colors   air tite™   Showerlight   DEAD FRONT

Top Product Features

- Selectable CCT: 2700K, 3000K, 3500K or 3000K, 4000K, 5000K
- Baffle trim
- Dimmable down to 10%
- Retrofits into existing 4" housings
- Use with Halo 4" LED housings - new construction and remodel
- Wet location listed and "dead front"

Dimensional and Mounting Details

3.24"
[82 mm]

LT4 - Baffle

Ø 5.31"
[135 mm]

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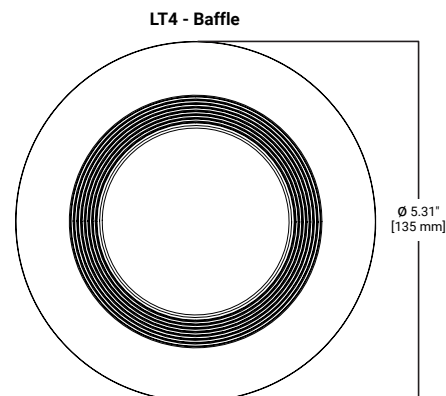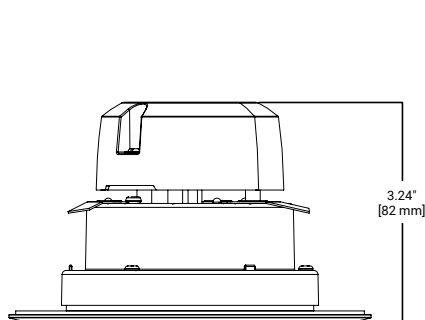
Order Information

SAMPLE ORDER NUMBER: **LT4069FS351EWHR**

A complete luminaire consists of a housing and a LED integrated trim, order separately.

Module	Lumens	CRI/CCT	Driver	Finish	Packaging
LT4 = 4-inch LED retrofit module, baffle trim	**06** = 600 lumens (nominal)	**9FS23** = 90 CRI min, 2700K, 3000K, 3500K selectable CCT **9FS35** = 90 CRI min, 3000K, 4000K, 5000K selectable CCT	**1E** = 120V 60Hz, LE & TE phase cut 10% dimming	**WH** = Matte White flange	**R** = Recyclable 4-color unit carton

Accessories
HE26LED = Replacement medium base (E26) screw base adapter (one included with unit)

Housings

Housings
Halo Ultra-shallow LED Housings **H245ICAT** = 4" IC, airtight ultra-shallow new construction housing, LED, 120 - 277V **H245RICAT** = 4" IC, airtight ultra-shallow remodeler housing, LED, 120 - 277V **Halo LED Housings** **H995ICAT** = 4" IC, airtight shallow new construction housing, LED, 120 - 277V **H995RICAT** = 4" IC, airtight shallow remodeler housing, LED, 120 - 277V **H450FR2ICATD010** = 4" fire safe new construction housing for phase-cut and 0-10V LED retrofit modules, 120-277V **Halo Housings** **H99TAT** = 4" non-IC, airtight shallow new construction housing, E26, 120V **H99RTAT** = 4" non-IC, airtight shallow remodeler housing, E26, 120V **H99ICAT** = 4" IC, airtight shallow new construction housing, E26, 120V **E4TATSB** = 4" non-IC, airtight shallow new construction housing, adjustable socket bracket, E26, 120V **E4RTATSB** = 4" non-IC, airtight shallow remodeler housing, adjustable socket bracket, E26, 120V **E4ICATSB** = 4" non-IC, airtight shallow new construction housing, adjustable socket bracket, E26, 120V

LT4 Series LED Retrofit is UL Classified for retrofit in the following 4" recessed housings:
The LT Series LED light module - trim combination is UL/cUL Listed or UL Classified for use with any 4" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 62.3 in^3 in addition to those noted above.

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

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: choose 2700K, 3000K, 3500K or 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

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
- Inline electrical quick connect and E26 adapter (provided) provides mains connection
- A separate ground wire and mounting hardware insures proper ground connection to housing

Retention
- Heat treated friction blades hold module securely to the housing
- Push-n-Twist feature pulls housing tight to ceiling by rotating clockwise
- Friction blades swing out of position by rotating counter-clockwise from below the ceiling for service or replacement

Trim
- One-piece smooth splay or step baffle and self-flanged trim ring provides lens regression and reduces light leaks
- Injection molded plastic construction is impact resistant and non-corrosive
- Non-conductive construction meets most local code 'dead front' requirements

Compliance
- UL Certified for US and Canada for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Wet location listed
- 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 luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings
- ENERGY STAR® listed, reference database for current listings
- Meets State of California voluntary lamp standards

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

Energy Data

Energy Data	
Lumens	600 Series
Input Voltage	120V
Input Current	0.06 (A)
Input Power	6.97 (W)
Efficiency	Up to 84 (LPW)
Inrush	2 (A)
THD: ≤ 17.2%	
PF: ≥ 0.960	
T Ambient -30 - +40°C	
Sound Rating ≤ 23dba	

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Photometric Data
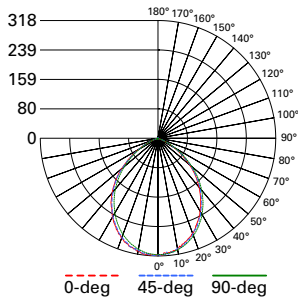
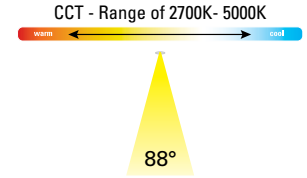### LT4069FS231EWHR - 2700K

Spacing criterion: (0-180) 1.13
(90-270) 1.13
(Diagonal) 1.21

Beam Angle: 88°
Lumens: 622
Input Watts: 6.84 W
Efficacy: 91 LPW
UGR: 19
Test Report: LT4069FS231EWHR.ies

Zonal Lumen	Lumens	% Lumens
0-30	233	37.4
0-40	365	58.7
0-60	565	90.8
0-90	619	99.4

TM-30-15	Rf = 92
	Rg = 99
CRI/CIE	Ra = 94
	R9 = 61

CCT - Range of 2700K- 5000K

88°

LT4 3CCT Baffle - 2700K / 3000K / 3500K				
CCT	Watts	lumens	LPW	CRI
2700K	7.2	605	83.8	92
3000K	6.8	665	98.1	92
3500K	7.1	655	92.4	93

LT4069FS231EWHR - 3000K

PRODUCT SPECIFICATIONS

Lumens	665
Watts	6.8
Lumens Per Watt (Efficacy)	97.8
Color Accuracy (CRI)	92
Light Color (CCT) Correlated Color Temperature (CCT)	3000K

warm white | soft white | bright white
2700K | 3000K | 4500K | 6500K
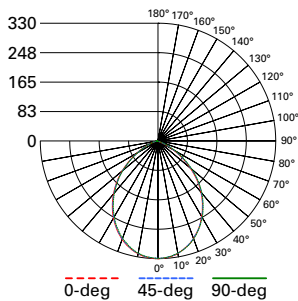
LT4069FS351EWHR - 3000K

Spacing criterion: (0-180) 1.13
(90-270) 1.13
(Diagonal) 1.21

Beam Angle: 88°
Lumens: 645
Input Watts: 6.81 W
Efficacy: 94.8 LPW
UGR: 19
Test Report: LT4069FS351EWHR.ies

Zonal Lumen	Lumens	% Lumens
0-30	242	37.5
0-40	379	58.7
0-60	586	90.8
0-90	642	99.4

TM-30-15	Rf = 92
	Rg = 99
CRI/CIE	Ra = 94
	R9 = 63

CCT - Range of 2700K- 5000K

88°
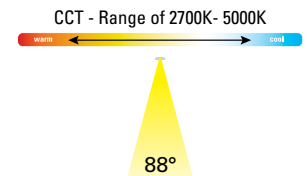
LT4 3CCT Baffle - 3000K / 4000K / 5000K				
CCT	Watts	lumens	LPW	CRI
3000K	7.2	630	88.1	92
4000K	6.8	680	99.4	93
5000K	7.2	655	91.6	93

LT4069FS351EWHR - 3000K

PRODUCT SPECIFICATIONS

Lumens	630
Watts	7.2
Lumens Per Watt (Efficacy)	87.5
Color Accuracy (CRI)	92
Light Color (CCT) Correlated Color Temperature (CCT)	3000K

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

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