

**Cooper Lighting
Headquarters**
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

International Sales
Cooper Lighting
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
F: 770-486-4801

Canada Sales
Cooper Lighting
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172



Domestic Distribution Facilities
Cranbury, New Jersey
Elk Grove Village, Illinois
Irving, Texas
Bloomington, California
Peachtree City, Georgia

Canadian Distribution Facilities
Calgary, Alberta T2E 7V9
Mississauga, Ontario L5R 1B8

The Cooper Lighting Family
Halo
Halo Commercial
Portfolio
IRiS
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

The Cooper Controls Family
Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)

Specifications and dimensions subject to change without notice.

Cooper Lighting, Innovation you can rely on, Halo, and AIR-TITE are valuable trademarks of Cooper Industries in the United States and other countries. You are not permitted to use Cooper trademarks without the prior written consent of Cooper Industries.

Cooper US, Inc.
600 Travis, Ste. 5600
Houston, TX 77002-1001
P: 713-209-8400
www.cooperindustries.com

RL4 Series All-Purpose LED Retrofit Baffle Trim

Ordering Information

RL4 LED Module
SAMPLE NUMBER: RL460WH830PK
Complete unit includes RL4 LED and Halo H995 series LED housing, or compatible 4" E26 screw based housing (see: Housing Compatibility). RL4 LED and housing to be ordered separately.

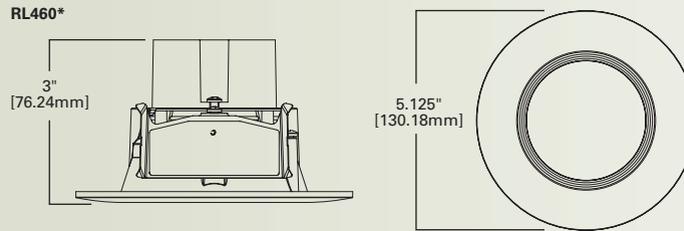
RL460 Models

RL460WH827PK= 4" LED Retrofit Module with regressed baffle and lens, white baffle and ring, 80 CRI, 2700K
RL460SN827PK= 4" LED Retrofit Module with regressed baffle and lens, satin nickel baffle and ring, 80 CRI, 2700K
RL460WH830PK= 4" LED Retrofit Module with regressed baffle and lens, white baffle and ring, 80 CRI, 3000K
RL460SN830PK= 4" LED Retrofit Module with regressed baffle and lens, satin nickel baffle and ring, 80 CRI, 3000K

Accessories

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

Dimensions



Housing Compatibility

RL4 comes with a dedicated LED connector for High Efficacy luminaire compliance (California Title 24, International Energy Conservation Code, Washington State Energy Code) and is cULus Listed for installation with HALO recessed LED housings (**H995ICAT**, **H995RICAT**).

The RL4 also includes an E26 Edison screw base adapter to accommodate many industry standard screw base housings. The series is cULus Listed and UL Classified for retrofit in the following housings:



H995ICAT
4" LED, IC, AIR-TITE,
New Construction Housing



H995RICAT
4" LED, IC, AIR-TITE,
Remodel Housing

RL460*			
UL Listed		UL Classified	
Halo	H99ICAT, H99RTAT, H99TAT, H995ICAT, H995RICAT	Utilitech	CR04ICAT
All-Pro	ET400ATSB, ET400RATSB, EI400ATSB	Thomas	PS4
		Lithonia Lighting	L3, L3R
		Commercial Electric	HBR2000B
		Juno	TC1, TC1R
		Progress Lighting	P830-TG, P832-TG

Juno®, Lithonia Lighting®, Utilitech, Thomas, Progress Lighting, Commercial Electric, and their product brand names, where identified above, are tradenames or trademarks of each respective company and Cooper makes no representations on these trademarks.

HALO®



Halo LED Collection

RL4 / RL56 / ML56

2nd Edition

Innovation you can rely on™



RL460WH*
2700 or 3000K

*See ordering information.



RL460SN*
2700 or 3000K

*See ordering information.



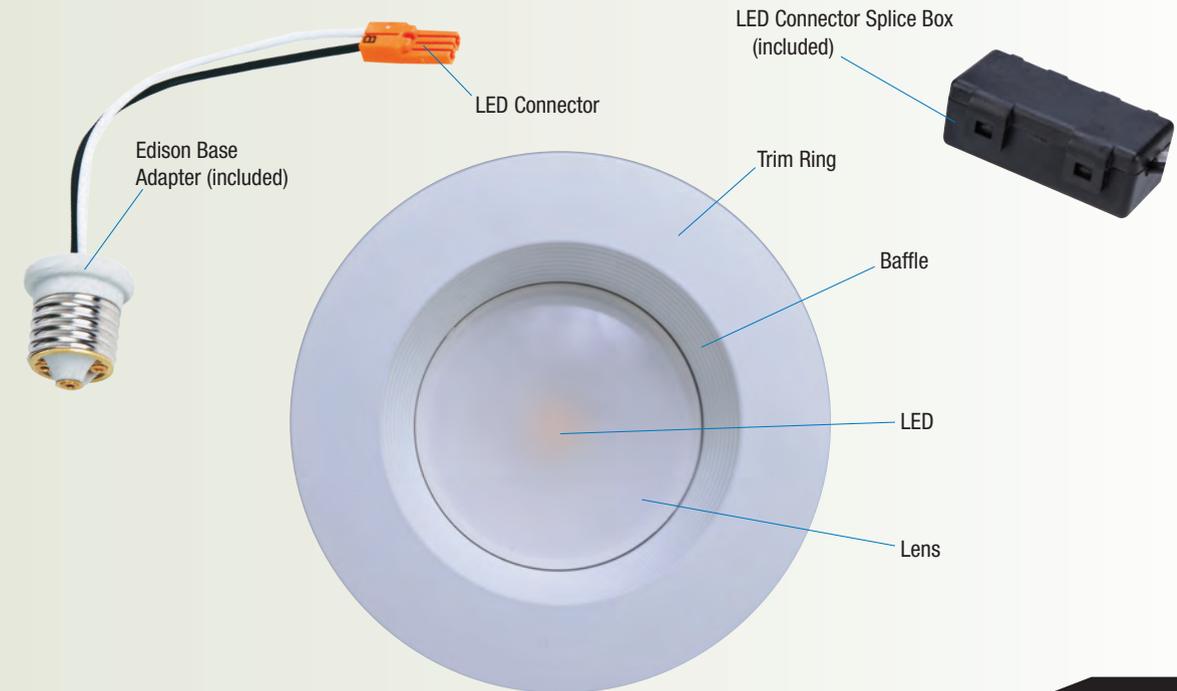
Product Features

- 600 Lumens (nominal per CCT and trim finish)
- 2700K warm white or 3000K pure white light (CCT)
- 81 CRI
- 10.5W, 120V
- Lumen Maintenance: L70 at 50,000 hours (projected per IES TM-21)
- Compatible with 4" standard recessed housings: HALO[®], All-Pro[™] and more
- Flexible mounting with friction blades
- Dimmable to 5% with select dimmers
- Damp and wet location listed (shower rated)
- Rated for IC, ICAT and may be used in Non-IC housings
- AIR-TITE[™] certified per ASTM-E283
- Durable die-cast construction
- Field-replaceable driver
- Diffusing, regressed lens
- Five-year limited warranty

Energy Data	RL460 Series
Minimum Starting Temp:	-30°C (-22°F)
EMI/RFI:	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating:	Class A
Input Voltage:	120V
Input Frequency:	50/60Hz
Power Factor:	>0.90
THD:	<20%
Input Power:	10.5W
Input Current:	150mA



Qualified and compliant. Refer to ENERGY STAR[®] Qualified Products List and CEC (T24) Appliance Database for listings.



HALO LED RL56 Series 5"/6" All-Purpose LED Retrofit Baffle Trim



RL560WH 3000K



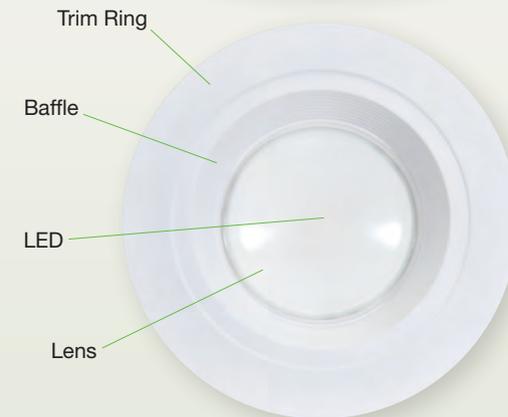
RL560WH6827 2700K



RL560SN 3000K



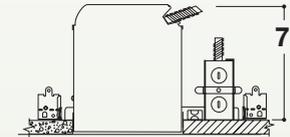
RL560SN6827 2700K



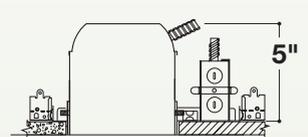
Housing Compatibility

Rated for IC, ICAT and Non-IC Housings

Fits standard height recessed housings



Fits shallow height recessed housings



LED module is rated for installation in the following 5" and 6" HALO®, All-Pro™ and other housings.

Halo LED H2750ICAT, H750ICAT, H750T, H750TCP, H750RICAT, H750RINTD010, H550ICAT, H550RICAT

Halo H7ICT, H7ICAT, H7T, H7ICATNB, H7ICTNB, H7TNB, H7UICAT, H7UICAT, H7TCP, H7RICAT, H7RICT, H7RT, H27T, H27RT, H27ICAT, H27ICT, H27RICAT, H27RICT

Halo LED Retrofit ML7BXRFK, ML7E26RFK

All-Pro EI700, EI700AT, EI700ATNB, EI700U, EI700UAT, EI700NB, EI700R, EI700RAT, ET700, ET700R, EI2700, EI2700AT, EI2700R, ET2700, ET2700R, EI500AT, EI500RAT, ET500, ET500R

Capri CR1, PR1, QL1, R9ASIC, R5†

Commercial Electric C7ICA (H3), HBR5ICRAT (H18)

Elco HL7ICA (EL7ICA)

Juno® IC22/R/W/S, IC23/W, IC21/R, IC2, TC2/R, IC20/R, IC25/R/W/S, TC20/R

Lightolier® 1104ICS+/ICR+/SIC+/SICR†, 1004ICS+/ICR+/SIC+/SICR†, 1104ICXΔ

Lithonia Lighting® L7X, L7XP

Progress: P86TG, P87-AT†

Thomas PS1, R9ASIC, PS9RM

Prescolite IBXS

†Requires Friction Clips included

ΔRequires HALO® ML7RAB (order separately)

Juno®, Capri, Lightolier®, Lithonia Lighting®, Prescolite, Thomas, Elco, Commercial Electric, Progress and their product brand names, where identified above, are tradenames or trademarks of each respective company and Cooper makes no representations on these trademarks.



Product Features

- 600 Lumens (nominal per CCT and trim finish)
- Use to replace 65W BR30 lamp
- 2700K warm white or 3000K pure white light (CCT)
- 83 CRI
- 10.5W (2700K), 9.4W (3000K), 120V
- Lumen Maintenance: L70 at 50,000 hours (projected per IES TM-21)
- Compatible with 5" and 6" standard and shallow recessed housings: HALO®, All-Pro™ and more
- Flexible mounting with torsion springs or friction clips (included)
- Dimmable to 5% with select dimmers
- Damp and wet location listed (shower rated)
- Rated for IC, ICAT and may be used in Non-IC housings
- AIR-TITE™ certified per ASTM-E283
- Durable die-cast construction
- Field-replaceable driver
- Diffusing, regressed lens
- Five-year limited warranty



Energy Data - RL56 Series	
EMI/RFI	FCC Title 47 CFR, Part 18, Class B (Consumer)
Sound Rating	Class A
Input Voltage	120V
Input Frequency	50/60Hz
Power Factor	>0.90
THD	<20%
Input Power	10.5W (2700K) / 9.4W (3000K)
Input Current	0.15A

Scan this QR Code to learn more about the Halo RL56 All-Purpose LED Retrofit Baffle Trim.



Qualified and compliant. Refer to ENERGY STAR® Qualified Products List and CEC (T24) Appliance Database for listings.

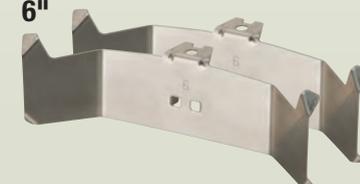
Friction Clips (included)

5" and 6" friction clips for retrofitting into an existing housing without torsion spring receiving brackets.

5"



6"



ML56 Series LED Lighting System



Product Features

- 600 Series Up to 708 lumens, 9.0 - 10.2 Watts, up to 78 lumens per Watt*
- 900 Series Up to 1010 lumens, 13.4 Watts, up to 75 lumens per Watt*
- Color Rendering Index (CRI) options: 80 or 90
- Correlated Color Temperature (CCT) options: 2700 K, 3000 K, 3500 K, 4000 K
- Lumen maintenance: L70 at 50,000 hours (per IES TM-21)
- LED connector for use in Halo H550, H750, H2750 series LED housings
- E26 Edison screw base adapter included for retrofit
- Fits 5" and 6" standard and shallow housings: Halo, All-Pro and more. (Trims determine 5" or 6" aperture and standard or shallow height.)
- Damp and wet location listed (shower rated)
- Torsion spring installation (springs attached to trim)
- 6" friction blade option for use in housings without torsion spring brackets. Order: ML56CLIP
- Universal voltage: 120-277V input, 50/60Hz
- Dimmable at 120V to 5% with select dimmers.
- Switchable at 120V in screwbase retrofit and LED Halo housings
- Switchable in Halo LED housings at 220V, 230V, 240V, and 277V
- Five-year limited warranty

* LpW efficacy is dependant upon CCT, CRI, trim size and trim finish.

Energy Data - ML56 Series (Values at non-dimming line voltage)				
	600 Series		900 Series	
	80 CRI	90 CRI	80 CRI	90 CRI
Minimum Starting Temp:	-30°C (-22°F)	-30°C (-22°F)	-30°C (-22°F)	-30°C (-22°F)
EMI/RFI:	FCC Title 47 CFR, Part 18 (Consumer)			
Sound Rating:	Class A	Class A	Class A	Class A
Input Voltage:	UNV 120V-277V	UNV 120V-277V	UNV 120V-277V	UNV 120V-277V
Input Frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor:	>0.95 @ 120V >0.9 @ 277V	>0.95 @ 120V >0.9 @ 277V	>0.95 @ 120V and >0.9 @ 277V	>0.95 @ 120V and >0.9 @ 277V
THD:	<20%	<20%	<20%	<20%
Max. Rated Wattage:	10W	11W	14W	14W
Input Power:	9.0W	10.2W	13.4W	13.4W
Input Current at 120V:	0.15A	0.15A	0.15A	0.15A
Input Current at 277V:	0.08A	0.08A	0.08A	0.08A
Driver Compliance:	UL8750, Class II rated			
Maximum IC Ambient Continuous Operating Temperature	25°C (77°F)	25°C (77°F)	25°C (77°F)	25°C (77°F)
Maximum Non-IC Ambient Continuous Operating Temperature	40°C (104°F)	40°C (104°F)	40°C (104°F)	40°C (104°F)

Ordering Information					
		2700 K	3000 K	3500 K	4000 K
600 Series	80 CRI	ML5606827	ML5606830	ML5606835	ML5606840
	90 CRI	ML5606927	ML5606930	ML5606935	ML5606940
900 Series	80 CRI	ML5609827	ML5609830	ML5609835	ML5609840
	90 CRI	ML5609927	ML5609930	ML5609935	ML5609940



HALO ML56 LED Light Module



Edison Screw Base Adapter (Included with light module)



	Baffle	Reflector	Semi-Regressed Eyeballs	Wall Wash	Non-Conductive "Dead Front" Baffles	Shallow Baffles
Housing Type	Standard	Standard	Standard & Shallow	Standard	Standard & Shallow	Standard & Shallow
5"	593WB	592W	594WB	595WW	591WB	596WB
	593BB	592SC	594SNB			
	593SNB	592H	594TBZB			
	593TBZB					
6"	693WB	692W	694WB	695WW	691WB	696WB
	693BB	692SC	694SNB			
	693SNB	692H	694TBZB			
	693TBZB					

HALO ML56 LED Trim



Qualified and compliant with select trims. Refer to ENERGY STAR® Qualified Products List and CEC (T24) Appliance Database for listings.