HALO

RL56 | Selectable CCT

5-inch/6-inch All-purpose LED retrofit module with SeleCCTable switch

600 Lumen
900 Lumen

1200 Lumen

Typical Applications

Residential

Interactive Menu

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 2 Lamp

UL CERTIFIED

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.

Note: Due to T20 change, as of July 1, 2019 consult factory on correct catalog number and availability for T20 compliant California product.
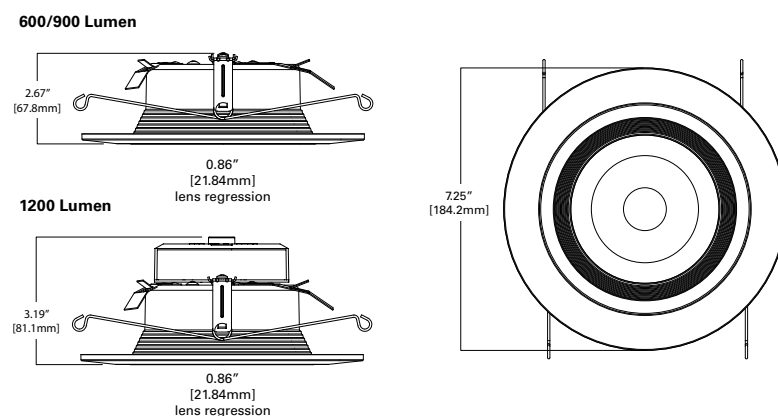
Product Features

5 seleCCTable colors 2700K • 3000K • 3500K 4000K • 5000K
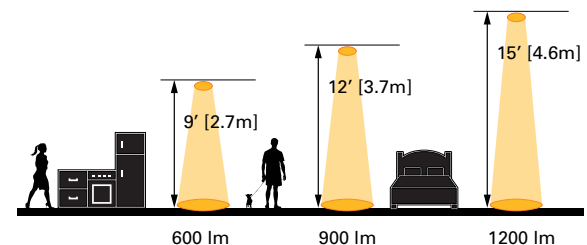
airBase

Showerlight

Top Product Features

- Select from 5 CCTs via switch; 2700K, 3000K, 3500K, 4000K, 5000K CCT; 90 CRI
- Lumens: 600, 900, 1200
- Use with 5" or 6" housings with screwbase adapter included
- Dimmable down to 5%
- Dual-mount: Torsion Spring and Push-N-Twist clip models

Dimensional and Mounting Details

600/900 Lumen

2.67"
[67.8mm]

0.86"
[21.84mm]
lens regression

1200 Lumen

3.19"
[81.1mm]

0.86"
[21.84mm]
lens regression

7.25"
[184.2mm]

Scale

15' [4.6m]

12' [3.7m]

9' [2.7m]

600 lm   900 lm   1200 lm

Order Information*

SAMPLE ORDER NUMBER: **RL56069S1EWHR**

Models	Lumens	CRI/CCT	Driver	Finish	Packaging	T20 Compliant
RL56 = 5"/6" all- purpose retrofit LED module	**06** = 600 lumens (nominal) **09** = 900 lumens (nominal) **12** = 1200 lumens (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 1% dimming	**WH** = Matte white baffle	**R** = Recyclable	**-CA**
Notes	Notes	Notes	Notes	Notes	Notes	Notes

Accessories

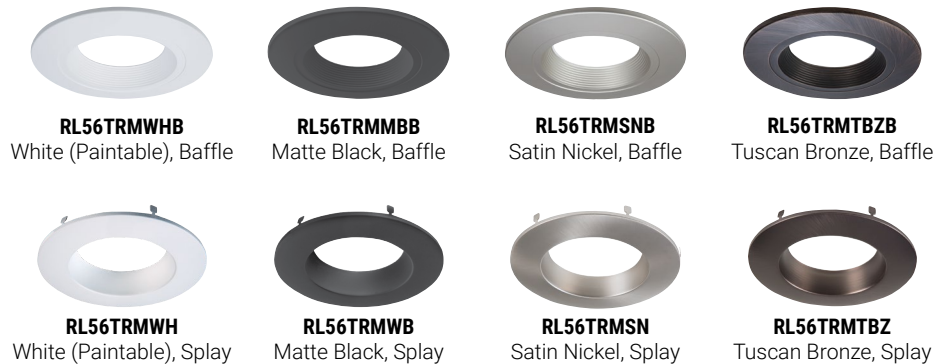| Accessories |
|---|
| **Designer Trims**
RL56TRMWHB = 5"/6" decorative overlay, white paintable, Baffle
RL56TRMMBB = 5"/6" decorative overlay, matte black, Baffle
RL56TRMSNB = 5"/6" decorative overlay, satin nickel, Baffle
RL56TRMTBZB = 5"/6" decorative overlay, tuscan bronze, Baffle

RL56TRMWH = 5"/6" decorative overlay, white paintable, trim ring
RL56TRMMB = 5"/6" decorative overlay, matte black, trim ring
RL56TRMSN = 5"/6" decorative overlay, satin nickel, trim ring
RL56TRMTBZ = 5"/6" decorative overlay, tuscan bronze, trim ring |
| Notes |

RL56TRMWHB
White (Paintable), Baffle

RL56TRMMBB
Matte Black, Baffle

RL56TRMSNB
Satin Nickel, Baffle

RL56TRMTBZB
Tuscan Bronze, Baffle

RL56TRMWH
White (Paintable), Splay

RL56TRMWB
Matte Black, Splay

RL56TRMSN
Satin Nickel, Splay

RL56TRMTBZ
Tuscan Bronze, Splay

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 **H7RICT** = 6" Insulated Ceiling, Remodel Housing **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 **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
Notes	

Product Specifications

CCT Select System

- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

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.

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 at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- 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
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention

- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Designer Skins (sold separately)

- RL56 skins are accessory rings that attach to the RL56 for a permanent finish. Refer to the RL56 accessories specification sheet for details.
  - White (Paintable)
  - Satin Nickel
  - Tuscan Bronze

Gaskets

- Closed cell gaskets achieve restrictive airflow requirements without additional caulking
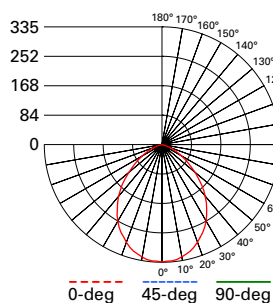
Compliance

- UL Certified
- Wet and Damp location listed.
- Airtight certified 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 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) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Warranty

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

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Photometric Data

RL56069S1EWHR-3000K

Spacing criterion: (0-180) 1.14
     (90-270) 1.14
     (Diagonal) 1.22

Beam Angle: 87.8°
Field Angle: 139°
Lumens: 693
Input Watts: 7.9 W
Efficacy: 87.7 LPW
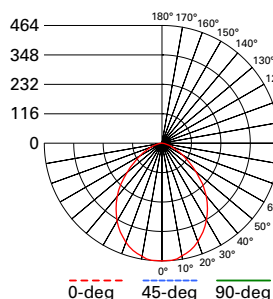Test Report:
RL56069S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	247	37.2
0-40	387	58.2
0-60	595	89.4
0-90	665	100

TM-30-15	Rf = 89.8
	Rg = 98
CRI/CIE	Ra = 93.7
	R9 = 69.1

CCT - Range of 2700K- 5000K

warm ← → cool

93°

RL56099S1EWHR-3000K

Spacing criterion: (0-180) 1.16
     (90-270) 1.16
     (Diagonal) 1.22

Beam Angle: 88.9°
Field Angle: 140°
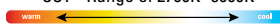Lumens: 957
Input Watts: 11.5 W
Efficacy: 83.2 LPW
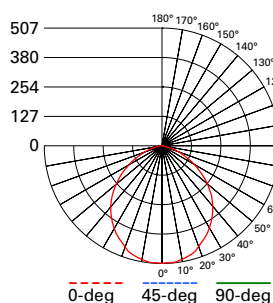Test Report:
RL56099S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	36.7
0-40	541	57.5
0-60	838	89.1
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

warm ← → cool

93°

RL56129S1EWHR-3000K

Spacing criterion: (0-180) 1.21
     (90-270) 1.21
     (Diagonal) 1.31

Beam Angle: 93°
Field Angle: 140°
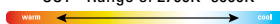Lumens: 1399
Input Watts: 14.2 W
Efficacy: 91.5 LPW
Test Report:
RL56129S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	31.7
0-40	541	51.5
0-60	838	85.5
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

warm ← → cool

93°

Energy and Performance Data

RL56069S1EWHR	
Max. Lumens	736 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	7.9W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56099S1EWHR	
Max. Lumens	1012 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	11.4W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56129S1EWHR	
Max. Lumens	1399 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	14.1W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

Tested in accordance with IES LM63. Field results may vary.

Note: Refer to IES files for more product data.

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Photometric Data

View IES files

RL56069S1EWHR-CA-3000K

Spacing criterion: (0-180) 1.14
(90-270) 1.14
(Diagonal) 1.22

Beam Angle: 87.8°
Field Angle: 139°
Lumens: 665
Input Watts: 7.6 W
Efficacy: 87.5 LPW
Test Report:
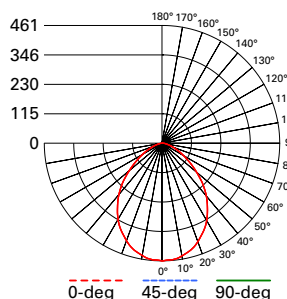RL56069S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	247	37.2
0-40	387	58.2
0-60	595	89.4
0-90	665	100

TM-30-15	Rf = 89.8
	Rg = 98
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CCT - Range of 2700K- 5000K
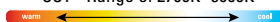
93°

RL56099S1EWHR-CA-3000K

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

Beam Angle: 88.9°
Field Angle: 140°
Lumens: 923
Input Watts: 9.9 W
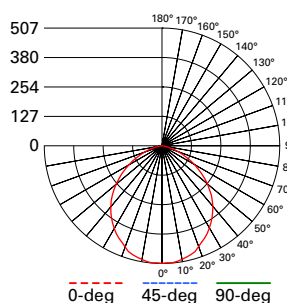Efficacy: 93.1 LPW
Test Report:
RL56099S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	343	37.2
0-40	536	58.1
0-60	824	89.4
0-90	922	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

RL56129S1EWHR-CA-3000K

Spacing criterion: (0-180) 1.21
(90-270) 1.21
(Diagonal) 1.31

Beam Angle: 93°
Field Angle: 140°
Lumens: 1221
Input Watts: 14 W
Efficacy: 87.2 LPW
Test Report:
RL56129S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	31.7
0-40	541	51.5
0-60	838	85.5
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

Energy and Performance Data

RL56069S1EWHR-CA	
Max. Lumens	712 @ 4000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	7.6W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56099S1EWHR-CA	
Max. Lumens	946 @ 4000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	9.9W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56129S1EWHR-CA	
Max. Lumens	1272 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	14W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

COOPER Lighting Solutions

HALO
RL56 | Selectable CCT

5-inch/6-inch All-purpose LED retrofit module with SeleCCTable switch

Typical Applications

Residential

600 Lumen
900 Lumen

1200 Lumen

🔗 Interactive Menu

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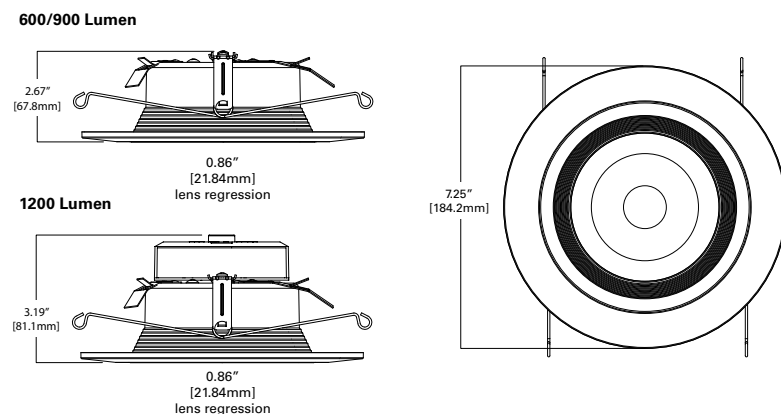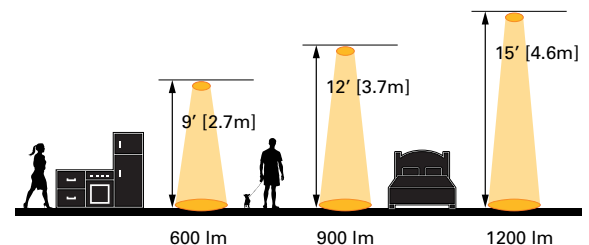
Product Features

Top Product Features

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- Lumens: 600, 900, 1200
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15' [4.6m]

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600 lm   900 lm   1200 lm

Cooper Lighting Solutions

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Accessories

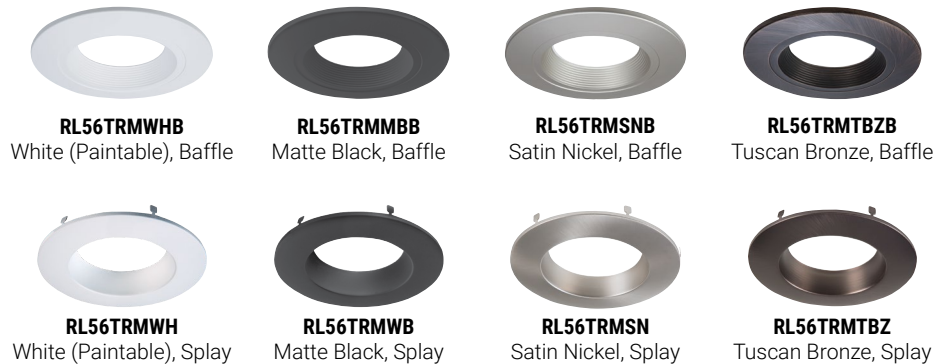| Accessories |
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| Notes |

RL56TRMWHB
White (Paintable), Baffle

RL56TRMMBB
Matte Black, Baffle

RL56TRMSNB
Satin Nickel, Baffle

RL56TRMTBZB
Tuscan Bronze, Baffle

RL56TRMWH
White (Paintable), Splay

RL56TRMWB
Matte Black, Splay

RL56TRMSN
Satin Nickel, Splay

RL56TRMTBZ
Tuscan Bronze, Splay

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 **H7RICT** = 6" Insulated Ceiling, Remodel Housing **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 **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
Notes	

Product Specifications

CCT Select System

- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

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.

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 at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly

- 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
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention

- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Designer Skins (sold separately)

- RL56 skins are accessory rings that attach to the RL56 for a permanent finish. Refer to the RL56 accessories specification sheet for details.
  - White (Paintable)
  - Satin Nickel
  - Tuscan Bronze

Gaskets

- Closed cell gaskets achieve restrictive airflow requirements without additional caulking
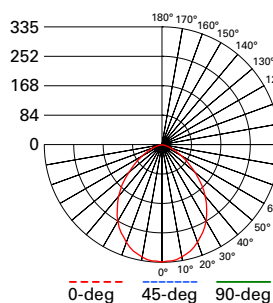
Compliance

- UL Certified
- Wet and Damp location listed.
- Airtight certified 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 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) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

Warranty

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

Photometric Data

RL56069S1EWHR-3000K

Spacing criterion: (0-180) 1.14
(90-270) 1.14
(Diagonal) 1.22

Beam Angle: 87.8°
Field Angle: 139°
Lumens: 693
Input Watts: 7.9 W
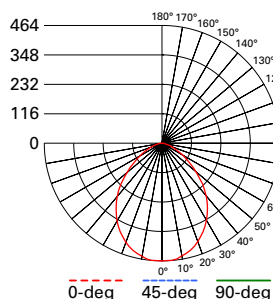Efficacy: 87.7 LPW
Test Report:
RL56069S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	247	37.2
0-40	387	58.2
0-60	595	89.4
0-90	665	100

TM-30-15	Rf = 89.8
	Rg = 98
CRI/CIE	Ra = 93.7
	R9 = 69.1

CCT - Range of 2700K- 5000K

93°

RL56099S1EWHR-3000K

Spacing criterion: (0-180) 1.16
(90-270) 1.16
(Diagonal) 1.22

Beam Angle: 88.9°
Field Angle: 140°
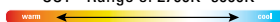Lumens: 957
Input Watts: 11.5 W
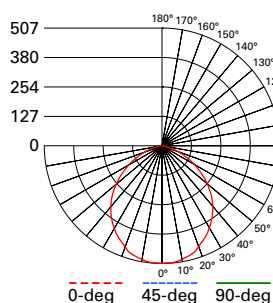Efficacy: 83.2 LPW
Test Report:
RL56099S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	36.7
0-40	541	57.5
0-60	838	89.1
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

RL56129S1EWHR-3000K

Spacing criterion: (0-180) 1.21
(90-270) 1.21
(Diagonal) 1.31

Beam Angle: 93°
Field Angle: 140°
Lumens: 1399
Input Watts: 14.2 W
Efficacy: 91.5 LPW
Test Report:
RL56129S1EWHR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	31.7
0-40	541	51.5
0-60	838	85.5
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

Energy and Performance Data

RL56069S1EWHR	
Max. Lumens	736 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	7.9W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56099S1EWHR	
Max. Lumens	1012 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	11.4W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56129S1EWHR	
Max. Lumens	1399 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	14.1W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

Tested in accordance with IES LM63. Field results may vary.

Note: Refer to IES files for more product data.

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Photometric Data

RL56069S1EWHR-CA-3000K

Spacing criterion: (0-180) 1.14
(90-270) 1.14
(Diagonal) 1.22

Beam Angle: 87.8°
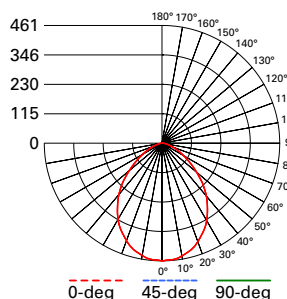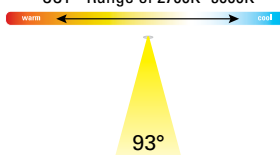Field Angle: 139°
Lumens: 665
Input Watts: 7.6 W
Efficacy: 87.5 LPW
Test Report:
RL56069S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	247	37.2
0-40	387	58.2
0-60	595	89.4
0-90	665	100

TM-30-15	Rf = 89.8
	Rg = 98
CRI/CIE	Ra = 93.7
	R9 = 69.1

CCT - Range of 2700K- 5000K

93°

RL56099S1EWHR-CA-3000K

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

Beam Angle: 88.9°
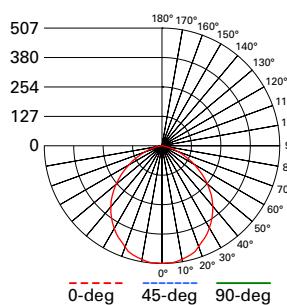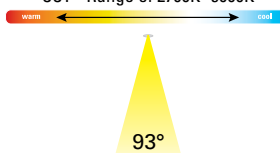Field Angle: 140°
Lumens: 923
Input Watts: 9.9 W
Efficacy: 93.1 LPW
Test Report:
RL56099S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	343	37.2
0-40	536	58.1
0-60	824	89.4
0-90	922	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

RL56129S1EWHR-CA-3000K

Spacing criterion: (0-180) 1.21
(90-270) 1.21
(Diagonal) 1.31

Beam Angle: 93°
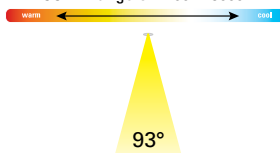Field Angle: 140°
Lumens: 1221
Input Watts: 14 W
Efficacy: 87.2 LPW
Test Report:
RL56129S1EWHR-CA-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	345	31.7
0-40	541	51.5
0-60	838	85.5
0-90	940	100

TM-30-15	Rf = 89.8
	Rg = 97.7
CRI/CIE	Ra = 93.1
	R9 = 64.6

CCT - Range of 2700K- 5000K

93°

Energy and Performance Data

RL56069S1EWHR-CA	
Max. Lumens	712 @ 4000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	7.6W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56099S1EWHR-CA	
Max. Lumens	946 @ 4000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	9.9W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

RL56129S1EWHR-CA	
Max. Lumens	1272 @ 5000K
Input Voltage	120V
Input Frequency	50/60 Hz
Input Power	14W
Input Current	0.15 A
Power Factor	>0.90
THD	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A
Minimum Starting Temp	-30°C (-22°F)

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