
HALO®
SLD SeleCCTable Series
Surface Mount LED Downlight
5
seleCCTable™
colors
COOPER
Lighting Solutions
halolighting.com

HALO® SLD Series



The SLD is a surface mount LED downlight with a modern look and high performance.

Junction Box



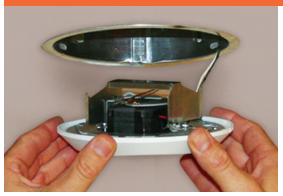
Supply wire adapter with LED connector included



Junction box bracket

Recessed Housing*

SLD4 Series Friction Clip Installation





4-inch friction clip

SLD6 Series Friction Clip Installation



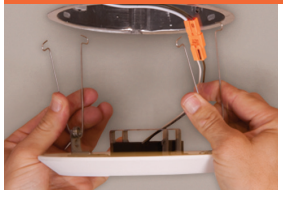


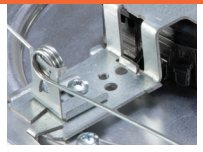
6-inch friction clip position



5-inch friction clip position

SLD6 Series Torsion Spring Installation





6-inch torsion spring position



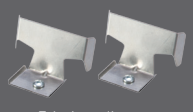
5-inch torsion spring position

*SLD Accessory Kit needed for recessed housing installation.

SLD Accessory Kit



Edison screwbase adapter



Friction clips



Torsion springs



5 seleCCTable™ colors

The SeleCCTable™ technology puts flexibility at your fingertips. By using the switch located on the driver junction box, the user can choose from a range of five color temperatures 2700K - 5000K.

Lighting Control Solution

HALO HOME™



HALO Home In-wall Smart Dimmer

HIWMA1BLE40AWH

Controls standard lighting fixtures with dimmer or HALO Home mobile app. Features include:

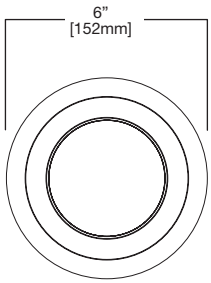
- ON/OFF
- Dim
- Group
- Scene
- Schedule

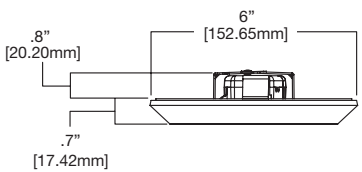




- 4" ultra-low profile surface luminaire with wide distribution
- Recessed Housings or J-Box installations (approx. 0.5" thick below ceiling)
- Lumens: up to 600 lumens
- 5-color field selectable CCT - 2700K, 3000K, 3500K, 4000K, 5000K
- 90 CRI minimum as standard
- Installs in many 3-1/2" and 4" ceiling junction boxes
- Retrofits 4" recessed downlight housings using SLDACCKIT
- Dimmable to 5% with many 120V leading-edge and trailing-edge phase control dimmers
- UL Certified for Halo housings
- UL Certified for other housings
- Wet Location Listed for showers and outdoor protected ceilings

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.





Ordering Information

SAMPLE NUMBER: SLDSL4069S1EMWR
Junction Box Installation: Order junction box separately, as supplied by others, to complete installation.
Recessed Housing Installation: Order HALO recessed housing and SLDACCKIT separately to complete installation.

Models	Lumens	CRI / CCT
SLDSL4 = 4" Surface LED Downlight, 120V	**06** = 600 lumen	**9S** = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT
Driver	**Finish**	**Packaging**
1E = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = Matte White	**R** = recyclable 4-color unit carton suitable for point of purchase merchandising display

Accessories

Designer Trims
Fit over the SLDSL4 for a designer finish
SLD4TRMSN=4" SLD Satin Nickel
SLD4TRMTBZ=4" SLD Tuscan Bronze
SLD4TRMWH=4" SLD White (paintable)

J-Box Spacer Extension Ring
Add 15/16" depth when SLD driver cannot fit into installed junction box
SLD4EXT=4" Surface LED J-Box Extender, 7.75" O.D.

RAD Adapters
When junction box is mounted flat on a ceiling or beam surface (not recessed in ceiling)
SLD4RAD=4" SLD Round Surface J-Box Adapter, 6.15" O.D. (For 4-inch round or octagon junction boxes)

Spare Parts
SLDACCKIT=SLD Accessory Parts Replacement Kit (Screwbase adapter, torsion springs, friction blades)
SLD4BRKT=4" Junction Box Bracket & Screws

Refer to SLD Accessories specification sheet for further information.

Accessories (Order Separately)

Designer Trims



SLD4TRMSN
Satin Nickel



SLD4TRMTBZ
Tuscan Bronze



SLD4TRMWH
White (Paintable)

J-box Spacer Extension Ring



SLD4EXT
4" Surface LED Space Ring

RAD Adapter



SLD4RAD
4" SLD Round Surface J-box Adapter
For 4" round and octagon junction boxes.

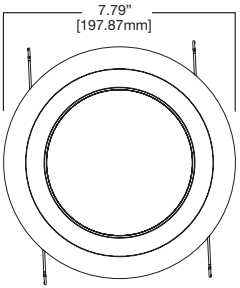


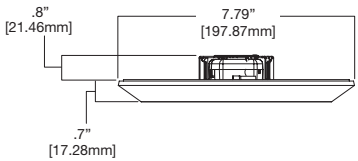
5 seleCCTable colors

- 6" ultra-low profile surface luminaire with wide distribution
- Recessed Housings or J-Box installations (approx. 0.5" thick below ceiling)
- Lumens: up to 600 lumens (600 lumen series)
- 5-color field selectable CCT - 2700K, 3000K, 3500K, 4000K, 5000K
- 90 CRI minimum as standard
- Installs in many 3-1/2" and 4" ceiling junction boxes
- Retrofits 5" and 6" recessed downlight housings using SLDACCKIT
- Dimmable to 5% with many 120V leading-edge and trailing-edge phase control dimmers
- UL Certified for Halo housings
- UL Certified for other housings
- Wet Location Listed for showers and outdoor protected ceilings

ENERGY STAR | Can be used for IECC International Energy Conservation Code High Efficacy Compliance | Efficiency Standards T24 Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8) | RoHS | UL CERTIFIED

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.





Ordering Information

SAMPLE NUMBER: SLDSL4069S1EMWR
Junction Box Installation: Order junction box separately, as supplied by others, to complete installation.
Recessed Housing Installation: Order HALO recessed housing and SLDACCKIT separately to complete installation.

Models	Lumens	CRI / CCT
SLDSL6 = 6" Surface LED Downlight, 120V	**06** = 600 lumen	**9S** = 90 CRI minimum, field selectable 2700K, 3000K, 3500K, 4000K or 5000K CCT
Driver	**Finish**	**Packaging**
1E = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = Matte White	**R** = recyclable 4-color unit carton suitable for point of purchase merchandising display

Accessories

Designer Trims
Fit over the SLDSL6 for a designer finish
SLD6TRMSN=6" SLD Satin Nickel
SLD6TRMTBZ=6" SLD Tuscan Bronze
SLD6TRMWH=6" SLD White (paintable)

J-Box Spacer Extension Ring
Add 15/16" depth when SLD driver cannot fit into installed junction box
SLD6EXT=6" Surface LED J-Box Extender, 9.5" O.D.

RAD Adapters
When junction box is mounted flat on a ceiling or beam surface (not recessed in ceiling)
SLD6RAD=6" SLD Round Surface J-Box Adapter, 7.92" O.D. (For 4-inch round or octagon junction boxes)

Spare Parts
SLDACCKIT=SLD Accessory Parts Replacement Kit (Screwbase adapter, torsion springs, friction blades)
SLD6BRKT=6" Junction Box Bracket & Screws

Refer to SLD Accessories specification sheet for further information.

Accessories (Order Separately)

Designer Trims



SLD6TRMSN
Satin Nickel



SLD6TRMTBZ
Tuscan Bronze



SLD6TRMWH
White (Paintable)

J-box Spacer Extension Ring

SLD6EXT
6" Surface LED Space Ring



RAD Adapter

SLD6RAD
6" SLD Round Surface J-box Adapter
For 4" round and octagon junction boxes.



SLD trims provide the ultimate in design freedom to match décor and interior fittings in a space with an offering of satin nickel and tuscan bronze plated trims, plus a white trim that may be field painted prior to installation to an alternate color choice.



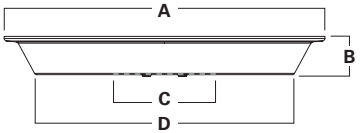
The versatile SLD trims are optional accessories that snap over the SLD. Note that use of the pre-installed thin film tape on the back side of the trim is required to secure the trim and prevent rotation when installing the SLD unit.

Spacer Extension Ring

The spacer extension ring adds 15/16" depth when the SLD driver cannot fit into a junction box due to excess wire fill or other obstruction. The spacer extension ring is also a problem solver for installations with shallow pancake boxes or plaster rings.



SLD4EXT
4" Surface LED Space Ring

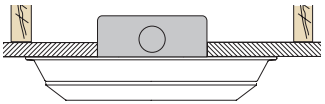


	A	B	C	D
SLD4EXT	7.75″	0.925″	3.88″	6.25″
SLD6EXT	9.5″	0.925″	3.88″	8″

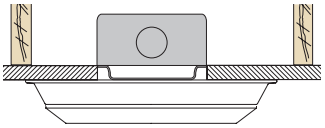


SLD6EXT
6" Surface LED Spacer Ring

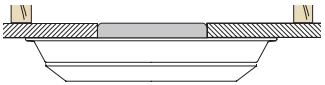
Standard J-box



Standard J-box with plaster ring



Shallow J-box (pancake)



Surface Box Adapter

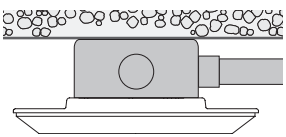
The surface box adapter allows the user to install the SLD to a junction box that is mounted flat on a ceiling or beam surface (not recessed in the ceiling).



SLD4RAD
4" SLD Round Surface J-box Adapter
For 4" round and octagon junction boxes.



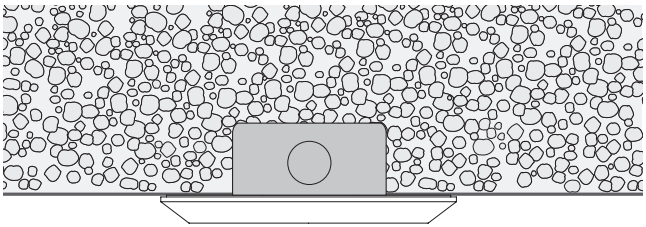
SLD6RAD
6" SLD Round Surface J-box Adapter
For 4" round, octagon, and square junction boxes.
(*use SLD6SADPLT for square J-box)



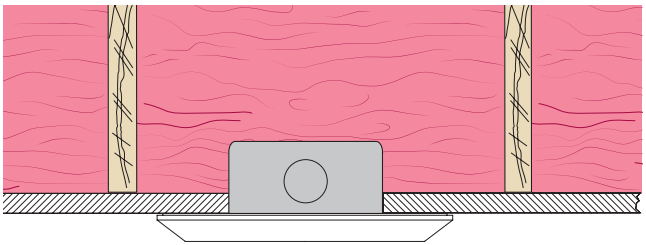


***SLD6SADPLT**
6" SLD Square Surface J-box Adapter Plate (use with SLD6RAD)

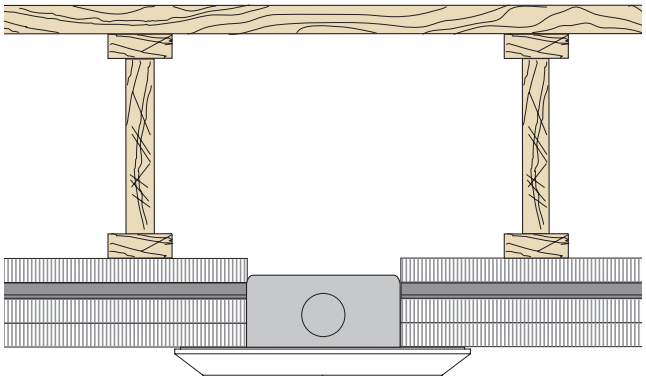
Concrete



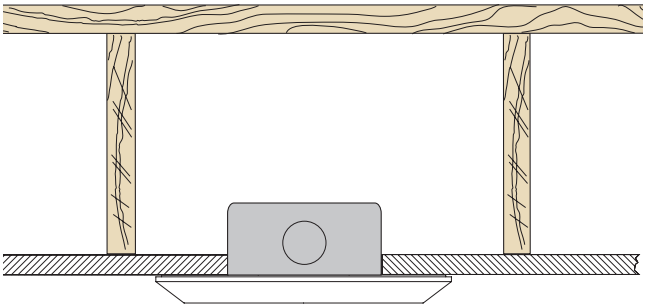
Insulation - batting or spray foam



Fire-rated



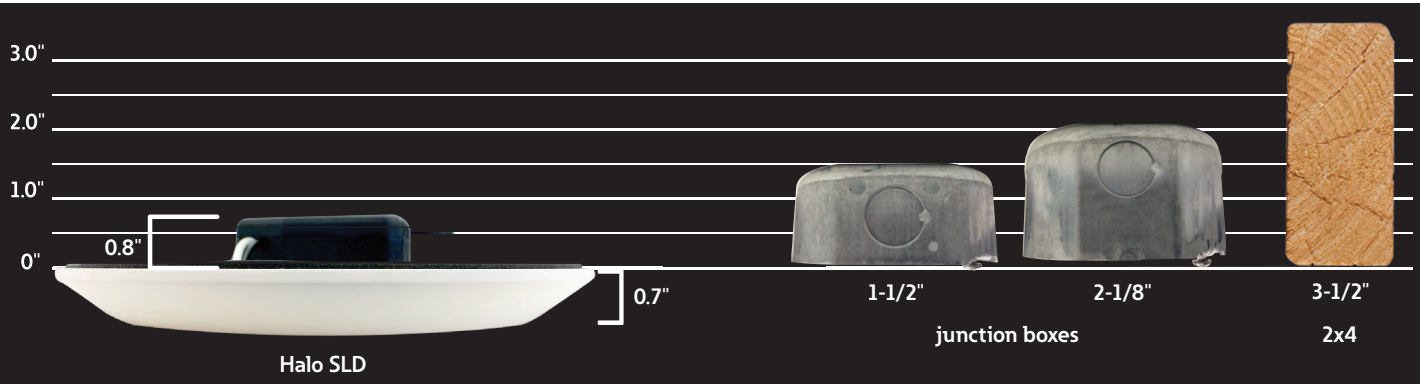
Framing



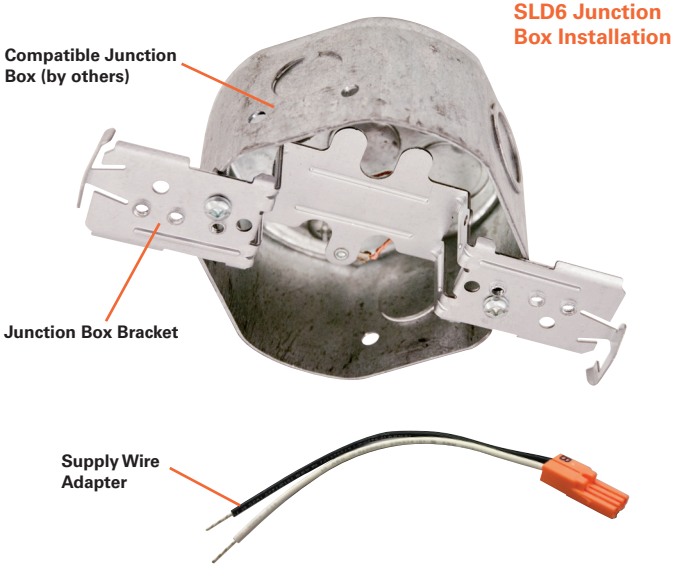
Junction box mounting applications are generalized for illustrative concept only. These are not for construction or specification. Refer to appropriate professional and code authority for specific box and installation requirements.

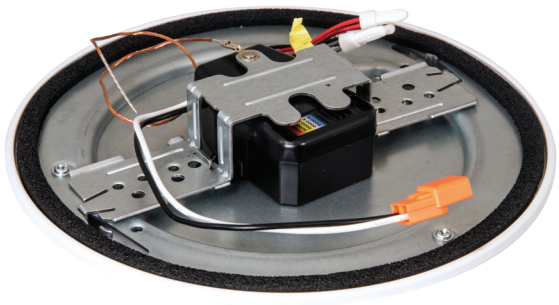
Shallow plenum? No problem.

The perfect solution where there is no plenum space for a recessed downlight.



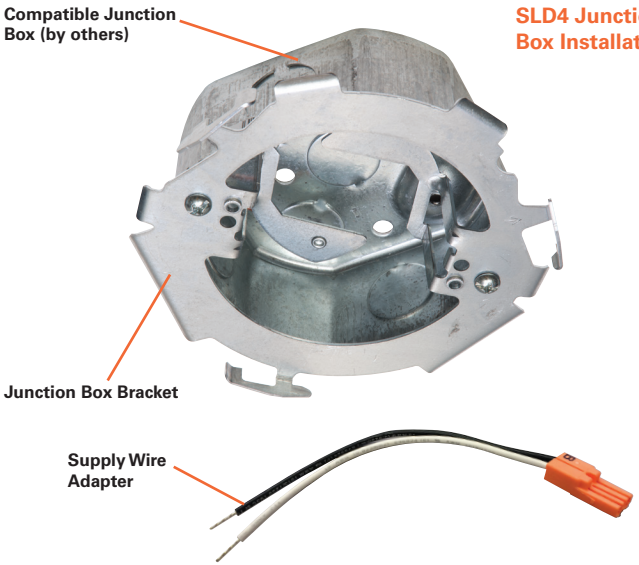
SLD6 Junction Box Installation

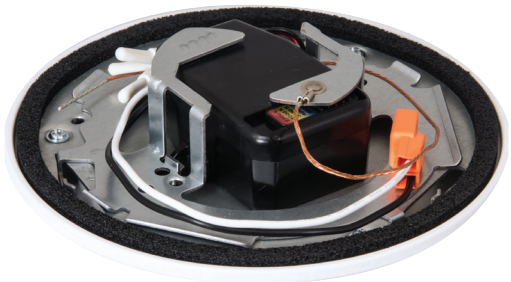




SLDSL6 with junction box bracket installed.

SLD4 Junction Box Installation





SLDSL4 with junction box bracket installed.

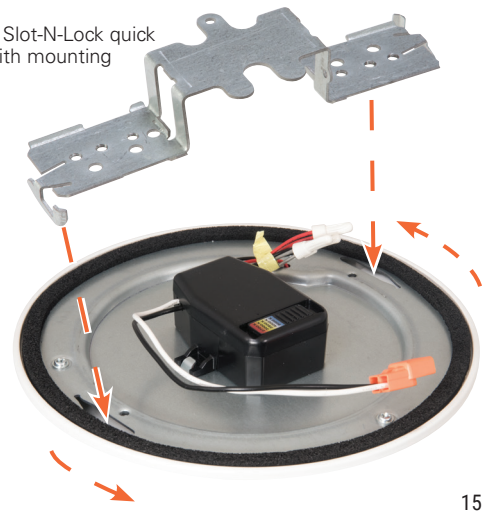
Junction Box Mounting Summary

1. Install junction box bracket.
2. Unplug supply wire adapter from SLD. Connect black and white wires from the supply wire adapter to house wiring (black to black and white to white).
3. Locate the supply wire adapter behind the junction box bracket.
4. Plug matching orange LED connector from supply wire adapter to SLD.
5. Align two bracket tabs with slots on back of SLD fixture.
6. Turn clockwise to lock in place.

Note that this is only a summary. Read and follow the instructions included with the product for full details.

Slot-N-Lock™

Halo SLD proprietary Slot-N-Lock quick installation system with mounting bracket.



Compatible Junction Boxes*

	SLD4	SLD6	SLD4RAD adapter	SLD6RAD adapter	SLD6SADPLT adapter
 **Octagon - steel light fixture / fan box**					
4" x 2-1/8"	✓	✓	✓	✓	
4" x 1-1/2"	✓	✓	✓	✓	
 **Square - steel deep box**					
4" x 4" x 2-1/8"		✓			✓
4" x 4" x 1-1/2"		✓			✓
 **Round - new work fixture box (plastic)**					
4" diameter x 2-3/16"	✓	✓	✓	✓	
3-1/2" diameter x 2-3/4"	✓	✓	✓		
 **Round - old work fixture box (plastic)**					
4-1/4" flange x 2-5/8", 3-1/2" I.D.	✓	✓	✓		
 **Round - new work fixture box (plastic) with bar hanger**					
4" diameter x 2-3/16"	✓	✓	✓	✓	
 **Round surface mount**					
4" diameter x 1-1/2"	Δ	Δ	✓	✓	
 **TP316 - junction box for non-metallic cable**					
4" x 2-1/8"	✓	✓	✓	✓	
 **TP317 - junction box for metal clad cable**					
4" x 2-1/8"	✓	✓	✓	✓	

Δ *when used with SLD4RAD (SLD4) or SLD6RAD (SLD6)*

**This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Cooper Lighting Solutions makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the SLD mounting bracket in the box.*

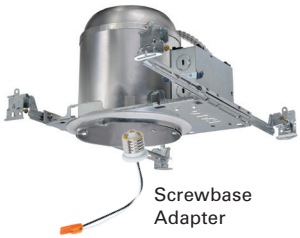


Retrofits 4", 5", or 6" recessed housings using SLD Accessory kit* (sold separately).

1. Install screwbase adapter to fixture socket. (LED housings skip Step 1)
2. Attach torsion springs or friction clips to SLD following the instructions included with the SLD.
3. Install SLD into recessed can.

Note that this is only a summary. Read the instructions included with the product for full details.

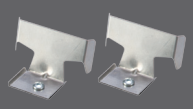


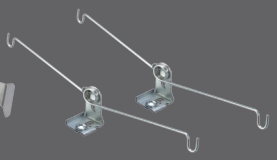


SLDACCKIT - SLD Accessory Kit

*SLD Accessory Kit needed for recessed housing installation.


Edison screwbase adapter


Friction clips


Torsion springs

Housings

Halo LED 4-inch
H995ICAT= 4" LED, Insulated Ceiling, Air-Tite, New Construction Housing
H995RICAT= 4" LED, Insulated Ceiling, Air-Tite, Remodel Housing
H450FR2ICAT= 4" LED, Insulated Ceiling, Air-Tite, Fire Safe New Construction Housing, 2-hour fire rated, 15W

Halo Ultra-Shallow LED 4-inch
H245RICAT= 4" LED, Insulated Ceiling, Air-Tite, Ultra-Shallow Remodel Housing

Halo Standard Housings 4-inch*
H99ICAT= 4" IC, Air-Tite, Shallow New Construction Housing
H99TAT= 4" Non-IC, Air-Tite, Shallow New Construction Housing
H99RTAT= 4" Non-IC, Air-Tite, Shallow Romodel Housing
E4ICATSB= 4" IC, Air-Tite, Shallow New Construction Housing
E4TATSB= 4" Non-IC, Air-Tite, Shallow New Construction Housing
E4RTATSB= 4" Non-IC, Air-Tite, Shallow Romodel Housing

Halo Low Voltage Housings 4-inch*
H1499ICAT= 4" IC, Air-Tite, New Construction Housing, 120V - 12V Low Voltage MR16
H1499TAT= 4" Non-IC, Air-Tite, Shallow New Construction Housing, 120V - 12V Low Voltage MR16
H1499RTAT= 4" Non-IC, Air-Tite, Shallow Remodel Housing, 120V - 12V Low Voltage MR16
H1499T75= 4" Non-IC, New Construction Housing, 120V/277V - 12V Low Voltage, MR16

Accessories
SLDACCKIT= SLD4 / SLD6 Accessory Kit; use for recessed housing installation.

Housings

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
H2750RICAT= 6" LED, Shallow, Insulated Ceiling, Air-Tite, Remodel
H750FR2ICAT= 6" LED, Insulated Ceiling, Air-Tite, Fire Safe New Construction Housing, 2-hour fire rated, 20W

Halo LED 5-inch
H550ICAT= 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing
H550RICAT= 5" 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 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

Halo Standard Housings 6-inch (continued)
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

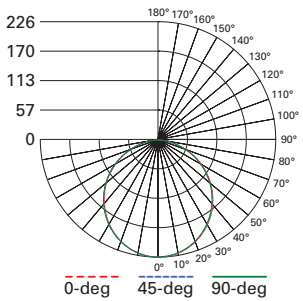
Halo Standard Housings 5-inch
H5ICAT= 5" Insulated Ceiling, Air-Tite New Construction Housing
H5RICAT= 5" Insulated Ceiling, Air-Tite Remodel Housing
H5ICATNB= 5" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket
H5T= 5" Non-IC, New Construction Housing
H5RT= 5" Non-IC, Remodel 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 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 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

Accessories
SMD6ACCKIT= SMD6 Accessory Kit; use for recessed housing installation

SLDSL4069S1EMWR



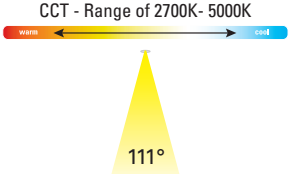
SLDSL4069S1EMWR-3000K
Spacing criterion: (0-180) 1.26
(90-270) 1.24
(Diagonal) 1.38

Beam Angle: 80°
Field Angle: 125°
Lumens: 635
Input Watts: 8.5 W
Efficacy: 74.7 LPW
Test Report:
SLDSL4069S1EMWR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	174.6	27.5
0-40	285.1	44.9
0-60	501.7	79
0-90	635.0	100

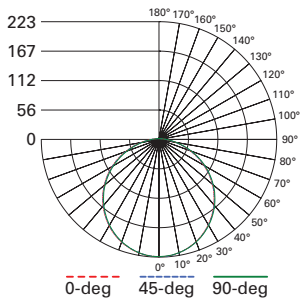
TM-30-15	Rf = 76.1
	Rg = 91.9
CRI/CIE	Ra = 96
	R9 = 69.5

CCT - Range of 2700K- 5000K



SLDSL4069S1EMWR	CCT	Lumens	Power (W)	LPW
Field Selectable CCT	2700K	619	8.5	72.8
	3000K	635	8.5	74.7
	3500K	651	8.5	76.6
	4000K	665	8.5	78.2
	5000K	693	8.6	80.6

SMD4S69SWH



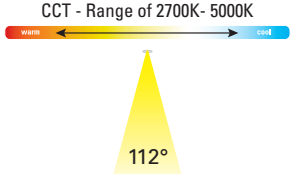
SLDSL6069S1EMWR-3000K
Spacing criterion: (0-180) 1.26
(90-270) 1.26
(Diagonal) 1.38

Beam Angle: 112°
Field Angle: 162°
Lumens: 635
Input Watts: 8.7 W
Efficacy: 73 LPW
Test Report:
SLDSL6069S1EMWR-3000K.ies

Zonal Lumen	Lumens	% Lumens
0-30	173.4	27.3
0-40	283.2	44.6
0-60	501.7	79
0-90	635.0	100

TM-30-15	Rf = 94.3
	Rg = 100
CRI/CIE	Ra = 96.1
	R9 = 69.4

CCT - Range of 2700K- 5000K



SLDSL6069S1EMWR	CCT	Lumens	Power (W)	LPW
Field Selectable CCT	2700K	626	8.6	72.8
	3000K	635	8.7	73.0
	3500K	646	8.7	74.3
	4000K	656	8.7	75.4
	5000K	669	8.6	77.8

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iLumin
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