HALO®

MicroEdge™
HLB Lite

COOPER
Lighting Solutions

HALO® HLB Lite

installs virtually anywhere

The HLB Lite installs into a standard hole saw size cutout and is retained securely in place with springs.

The driver junction box installs through a cutout and can be positioned remotely from the fixture fitting. Mounting holes facilitate attachment to the building structure.

3
seleCCTable™
colors

The SeleCCTable™ technology puts flexibility at your fingertips. The HLB Lite series has three selectable color temperature options.

- 2700K, 3000K, 3500K
- 3000K, 4000K, 5000K
- 4000K, 5000K, 6000K

By using the switch located inside the driver junction box, the user can choose from a range of three color temperatures.

New Construction Mounting Frame

The new construction mounting frame locates the fixture fitting during electrical rough-in. HALO's patented Got Nail!® bar hangers are pre-installed supporting the mounting frame along rails.
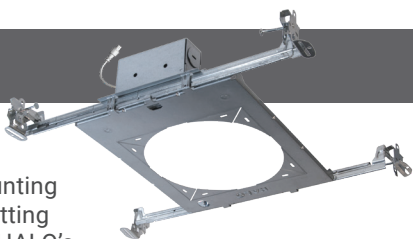
During electrical rough-in, the driver / junction box attaches to the mounting frame with captive fasteners meeting code requirements for attachment to the building structure.
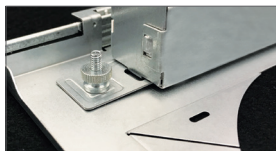
HL4RSMF = 4" round and square mounting frame
HL6RSMF = 6" round and square mounting frame

Accessories

Decorative Overlay
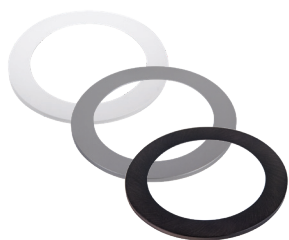
4" Round
HLB4RTRMMW = matte white
HLB4RTRMSN = satin nickel
HLB4RTRMTBZ = tuscan bronze

6" Round
HLB6RTRMMW = matte white
HLB6RTRMSN = satin nickel
HLB6RTRMTBZ = tuscan bronze

Oversized Trim Plate

4" Round
HLB4ROTMW = 4" round oversized trim

6" Round
HLB6ROTMW = 6" round oversized trim

Extension cables

SeleCCTable driver / junction box
HLB06FSEC = 6 ft. extension cable
HLB12FSEC = 12 ft. extension cable
HLB20FSEC = 20 ft. extension cable

Mounting Frames

HL4RSMF = 4" round and square mounting frame
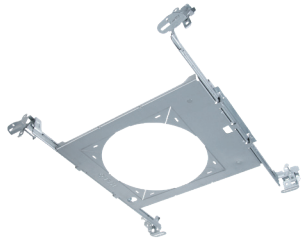
HL6RSMF = 6" round and square mounting frame

During electrical rough-in, the HLB driver / junction box attaches to the mounting frame with captive fasteners meeting code requirements for attachment to the building structure.
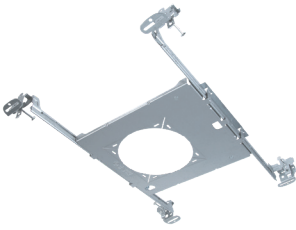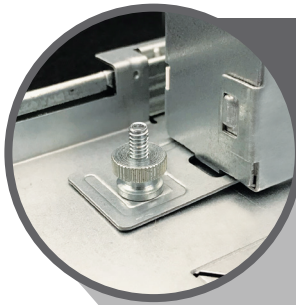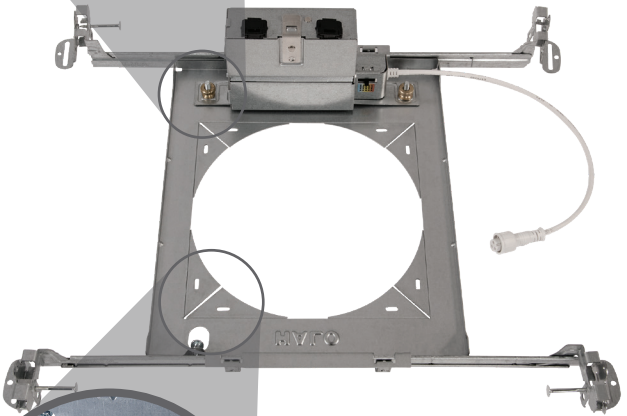
Rounded corners break away to allow installation of square fixtures.

HLBSL4

- Up to 800 lumens
- Use to replace 60W A19 incandescent lamp
- Three selectable color options
  - 2700K, 3000K, 3500K
  - 3000K, 4000K, 5000K
  - 4000K, 5000K, 6000K
- 90 CRI
- 12W, 120V
- L70 @ 35,000 hrs
- HALO matte white finish

- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty

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: HLBSL4069FS351EMWR

Models	Lumens	CRI / CCT
HLBSL4 = 4-Inch LED smooth lens downlight with plastic housing and remote driver/ junction box	**06** = 650 lumen (nominal)	**9FS23** = 90 CRI minimum, field selectable 2700K, 3000K, 3500K CCT **9FS35** = 90 CRI minimum, field selectable 3000K, 4000K, 5000K CCT **9FS46** = 90 CRI minimum, field selectable 4000K, 5000K, 6000K CCT

Driver	Finish	Packaging
1E = 120V 60Hz, LE & TE phase cut 10% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandising display

Accessories

Oversized Trim Ring
HLB4ROTMW = 4" round oversized trim, matte white

Decorative Trim Ring
HLB4RTRMMW = 4" round decorative overlay, matte white
HLB4RTRMSN = 4" round decorative overlay, satin nickel
HLB4RTRMTBZ = 4" round decorative overlay, tuscan bronze

Mounting Frame
HL4RSMF = 4" round and square mounting frame

Extension Cable | SeleCCTable Driver/Jbox
HLB06FSEC = 6 ft. extension cable
HLB12FSEC = 12 ft. extension cable
HLB20FSEC = 20 ft. extension cable

4.18″
[106mm]
cutout

1.16″
[29.5mm]

.10″
[2.5mm]

4.73″
[120.02mm]

3.03″
[76.92mm]

10″
[254mm]
Wire Length

1.25″
[31.74mm]

6.5″
[165mm]

Energy Data

	CCT	Lumens	Power (W)	LPW
HLBSL4069FS231EMW	2700K	703	10	70.3
	3000K	753	10	75.3
	3500K	726	10	72.6
HLBSL4069FS351EMW	3000K	716	10.1	70.9
	4000K	778	10	77.8
	5000K	768	10.2	75.3
HLBSL4069FS461EMW	4000K	761	9.9	76.9
	5000K	793	9.9	80.1
	6000K	771	9.9	77.9

HLBSL6

- Up to 1,049 lumens
- Use to replace 60W A19 incandescent lamp
- Three selectable color options
  - 2700K, 3000K, 3500K
  - 3000K, 4000K, 5000K
  - 4000K, 5000K, 6000K
- 90 CRI
- 12W, 120V
- L70 @ 35,000 hrs
- HALO matte white finish

- No existing recessed housing or junction box required
- Fixture will not fit into existing housings or junction boxes
- Wet location listed (shower rated) covered ceiling
- Rated for direct contact to air permeable insulation
- AIR-TITE™ certified per ASTM-E283
- Five-year limited warranty

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

RoHS

Showerlight

UL CERTIFIED® SAFETY US-CA SÉCURITÉ US-CA E349750

air-tite™

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: HLBSL6099FS351EMWR

Models	Lumens	CRI / CCT
HLBSL6 = 6-Inch LED smooth lens downlight with plastic housing and remote driver/ junction box	**09** = 900 lumen (nominal)	**9FS23** = 90 CRI minimum, field selectable 2700K, 3000K, 3500K CCT **9FS35** = 90 CRI minimum, field selectable 3000K, 4000K, 5000K CCT **9FS46** = 90 CRI minimum, field selectable 4000K, 5000K, 6000K CCT

Driver	Finish	Packaging
1E = 120V 60Hz, LE & TE phase cut 10% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandising display

Accessories

Oversized Trim Ring
HLB6ROTMW = 6" round oversized trim, matte white

Decorative Trim Ring
HLB6RTRMMW = 6" round decorative overlay, matte white
HLB6RTRMSN = 6" round decorative overlay, satin nickel
HLB6RTRMTBZ = 6" round decorative overlay, tuscan bronze
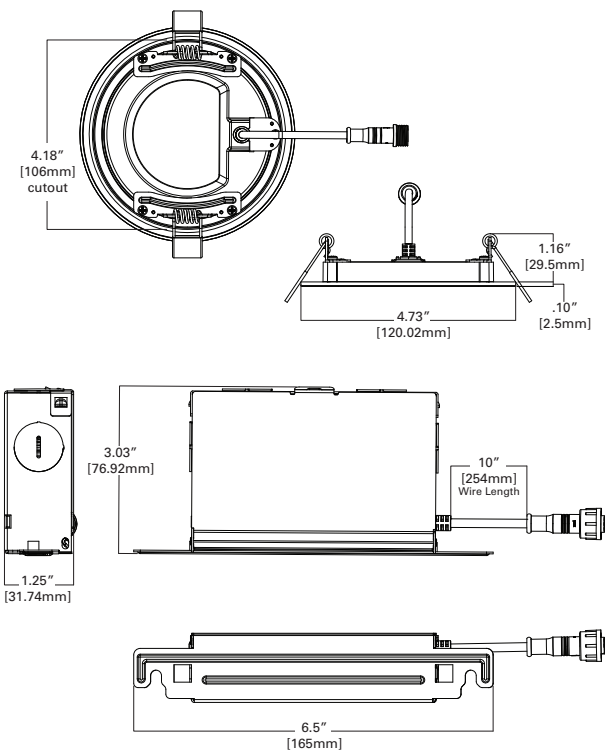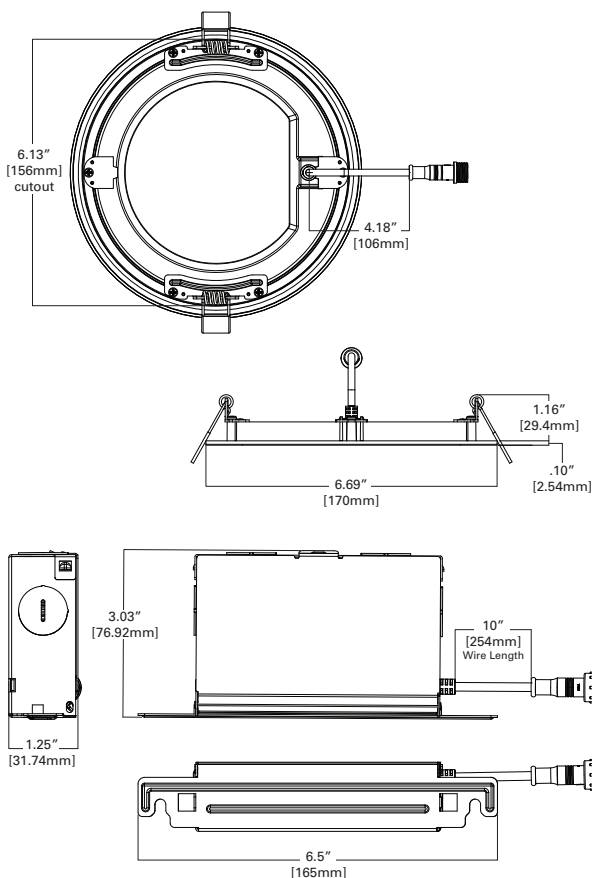
Mounting Frame
HL6RSMF = 6" round and square mounting frame

Extension Cable | SeleCCTable Driver/Jbox
HLB06FSEC = 6 ft. extension cable
**HLB12FSEC** = 12 ft. extension cable
HLB20FSEC = 20 ft. extension cable

6.13"
[156mm]
cutout

4.18"
[106mm]

1.16"
[29.4mm]

.10"
[2.54mm]

6.69"
[170mm]

3.03"
[76.92mm]

10"
[254mm]
Wire Length

1.25"
[31.74mm]

6.5"
[165mm]

Energy Data

	CCT	Lumens	Power (W)	LPW
HLBSL6099FS231EMW	2700K	940	12.6	74.6
	3000K	1018	12.5	81.4
	3500K	1005	12.5	80.4
HLBSL6099FS351EMW	3000K	866	12.9	67.1
	4000K	954	12.7	75.1
	5000K	957	12.9	74.2
HLBSL6099FS461EMW	4000K	991	12.5	79.3
	5000K	1049	12.3	85.3
	6000K	1015	12.5	81.2

HLBSL4069FS351EMWR
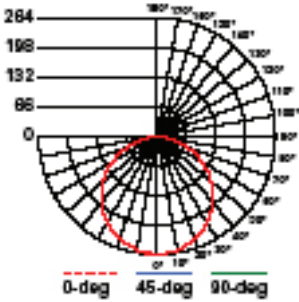
Spacing criterion: (0-180) 1.26
(90-270) 1.26
(Diagonal) 1.38
Beam Angle: 112.7°
Field Angle: 161.5°
Lumens: 716
Input Watts: 10.1 W
Efficacy: 70.89 LPW
Test Report:
HLBSL4069FS351EMWR.ies

Zonal Lumen	Lumens	% Lumens
0-30	194.0	27.1
0-40	318.6	44.5
0-60	564.9	78.9
0-90	716.0	100

113°

COLOR METRIC SUMMARY

HLBSL4069FS231EMWR

	2700K	3000K	3500K
TM-30-15	Rf = 93.0	Rf = 90.0	Rf = 89.0
	Rg = 98.0	Rg = 96.0	Rg = 95.0
CRI/CIE	Ra = 93.0	Ra = 92.8	Ra = 92.5
	R9 = 54.1	R9 = 61.6	R9 = 61.5

HLBSL4069FS351EMWR

	3000K	4000K	5000K
TM-30-15	Rf = 92.0	Rf = 93.0	Rf = 93.0
	Rg = 97.0	Rg = 99.0	Rg = 100.0
CRI/CIE	Ra = 93.3	Ra = 96.3	Ra = 95.3
	R9 = 57.5	R9 = 75.8	R9 = 77.4

HLBSL4069FS461EMWR

	4000K	5000K	6000K
TM-30-15	Rf = 88.0	Rf = 89.0	Rf = 89.0
	Rg = 96.0	Rg = 97.0	Rg = 96.0
CRI/CIE	Ra = 93.9	Ra = 93.7	Ra = 93.4
	R9 = 75.6	R9 = 82.9	R9 = 76.3

*Additional photometric ies files
available online.

HLBSL6099FS351EMWR
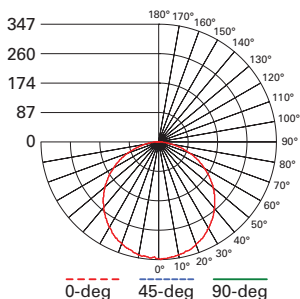
Spacing criterion: (0-180) 1.28
(90-270) 1.24
(Diagonal) 1.38
Beam Angle: 112.9°
Field Angle: 161.5°
Lumens: 866
Input Watts: 12.9 W
Efficacy: 67.13 LPW
Test Report:
HLBSL6099FS351EMWR.ies

347
260
174
87
0

0-deg   45-deg   90-deg

Zonal Lumen	Lumens	% Lumens
0-30	233.8	27
0-40	383.6	44.3
0-60	682.4	78.8
0-90	866.0	100

113°

COLOR METRIC SUMMARY

HLBSL6099FS231EMW

	2700K	3000K	3500K
TM-30-15	Rf = 91.0	Rf = 91.0	Rf = 91.0
	Rg = 98.0	Rg = 99.0	Rg = 99.0
CRI/CIE	Ra = 93.1	Ra = 94.2	Ra = 93.6
	R9 = 60.1	R9 = 68.7	R9 = 69.3

HLBSL6099FS351EMW

	3000K	4000K	5000K
TM-30-15	Rf = 92.0	Rf = 90.0	Rf = 90.0
	Rg = 99.0	Rg = 98.0	Rg = 97.0
CRI/CIE	Ra = 94.4	Ra = 95.6	Ra = 94.4
	R9 = 72.4	R9 = 86.1	R9 = 80.6

HLBSL6099FS461EMW

	4000K	5000K	6000K
TM-30-15	Rf = 91.0	Rf = 91.0	Rf = 91.0
	Rg = 98.0	Rg = 99.0	Rg = 99.0
CRI/CIE	Ra = 94.0	Ra = 94.9	Ra = 95.1
	R9 = 78.1	R9 = 84.9	R9 = 84.4

*Additional photometric ies files
available online.

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Intelligent Lighting Controls

**Connected Lighting Systems
and Smart Spaces Platform**
WaveLinx

Products, specifications and
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