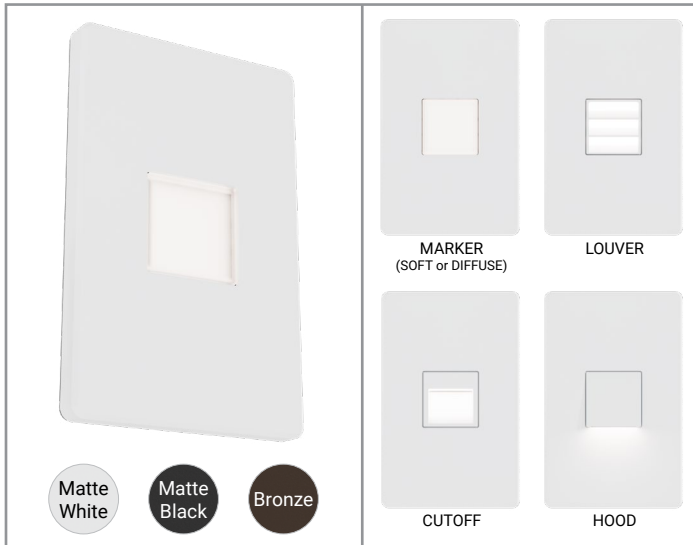


Project		Catalog #		Type	
Prepared by		Notes		Date	



HALO

HSL LED Step Light

HSL LED Step Light is a universal mount step light for safe, confident way-finding that can be mounted vertically or horizontally. It's available in multiple color finishes and includes 5 different faceplate inserts inside the box, allowing for multiple light distributions and a stylish look.

Typical Applications Residential • Multifamily • Hospitality

Interactive Menu

- Order Information [page 2](#)
- Product Specifications [page 3](#)
- Energy Data [page 3](#)
- Photometric Data [page 4](#)
- Product Warranty



Can be used to comply with California Title 24 High Efficacy requirements.
Certified to California Appliance Efficiency Database under JA8.

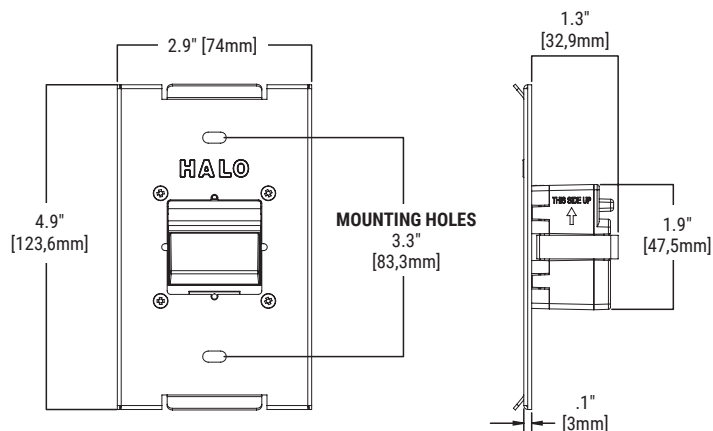
¹IP65 rated when used with sealant (not included)

Top Product Features

- Available in matte white, matte black, and bronze finishes
- 5 faceplate inserts included in the box for different style and light distributions
- **5-color Field-Select CCT**: (27/30/35/40/5000K); 90+ CRI
- **Brightness (@3000K)**: 150 lumens
- **Dimming**: Dims to 5% (phase cut LE/TE) with compatible dimmers*; 120V input
- Universal product for vertical or horizontal mounting
- Installs in standard J Box or gang box
- Air-tite and wet location listed, compatible for both Indoor & Outdoor application (IP65)
- Operating temperature: -30°C to +50°C, Impact Rating IK08
- IP65, T24, UL Certified
- 50,000 hrs of maintenance-free operation
- 5-year limited warranty

* Consult the HSL Dimming Guide for dimmer compatibility.

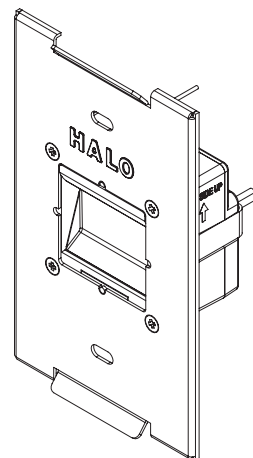
Dimensional and Mounting Details



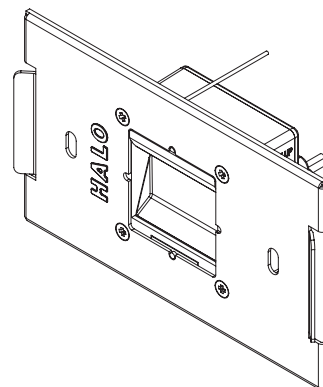
Flexible Mounting

LED Engine rotatable for vertical or horizontal installation, indoors or outdoors in a single-gang junction box.

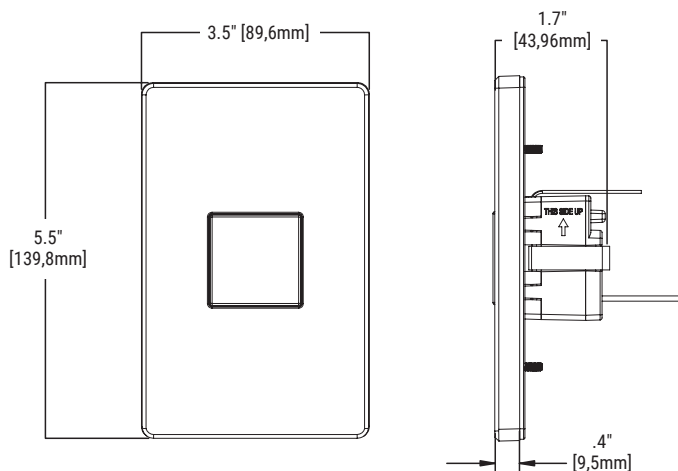
Vertical Mounting



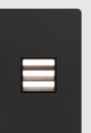
Horizontal Mounting



with Faceplate Attached



Order Information

Catalog Number	Module	Lumens (@3000K)	CRI/CCT	Driver	Finish	Faceplate Inserts (Included)
HSLUNVMW	Step Light	150 lm	90+ CRI, 5-color Field-SeleCCTable™ CCT: 2700/3000/3500/4000/5000K	5% Phase Cut LE/TE Dimming, 120V 60Hz	Matte White	 MARKER (SOFT or DIFFUSE)  HOOD  CUTOFF  LOUVER
HSLUNVMB	Step Light	101 lm	90+ CRI, 5-color Field-SeleCCTable™ CCT: 2700/3000/3500/4000/5000K	5% Phase Cut LE/TE Dimming, 120V 60Hz	Matte Black	 MARKER (SOFT or DIFFUSE)  HOOD  CUTOFF  LOUVER
HSLUNVMBR	Step Light	139 lm	90+ CRI, 5-color Field-SeleCCTable™ CCT: 2700/3000/3500/4000/5000K	5% Phase Cut LE/TE Dimming, 120V 60Hz	Bronze	 MARKER (SOFT or DIFFUSE)  HOOD  CUTOFF  LOUVER

Product Specifications

Fixture

- Durable dust, water, and impact resistant metal faceplate

LED Array

- Color Temperature: 5-color Field-SeleCCTable™ (27/30/35/40/5000K)
- Color Quality: 90+ CRI minimum, R9 greater than 50
- Factory default color temperature (CCT) is set to bright white (3000K)
- Backlit LED technology
- Expected Life: L70 at 50,000 hours projected in accordance with TM-21

Optical Assembly

- 5 faceplate inserts included in the box for different style and light distributions

Driver & Dimming

- Integral 120V 60Hz constant current driver provides noise-free, high-efficiency operation
- Dimmable: Continuous, flicker-free phase cut (leading-edge/trailing-edge - LE/TE) dimming from 100% to 5% output with compatible dimmers

- See this fixture's Dimming Guide for compatible dimmers
- Tip:** For optimal dimming performance, consider dimmers with low-end trim adjustment; note that some dimmers require a neutral wire in the box

Wiring

- Wire nuts provided for mains connections
- Reference installation instructions for complete mounting steps

Electrical Junction Box Mounting

- Fits most 1-gang junction boxes (sold by others)
- Installer must ensure compatibility of fit, wiring, and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013
- Reference installation instructions for complete mounting steps

Compliance

- cULus certified for US and Canada
- Wet location listed
- IP65 and IK8 rated
- Airtight per ASTM-E283
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant ⁽¹⁾
- 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 LED compliance under JA8 ⁽¹⁾, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2025 JA8 High Efficacy Lighting

Warranty

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

Energy Data

Step Light	
Lumens	150LM
Input Voltage	120V
Input current	38mA
Input Power	3.8W
Efficiency	75.10%
Inrush(A)	1.67A
THDi	11.1
Tambient	-30°-50°
PF	0.988
Sound Rating	≤22DB@0.5m
Efficacy(LPW)	39.5 lm/w

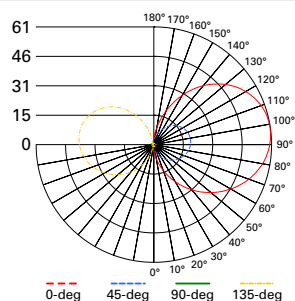
	CCT	Watts	Lumens	LPW	CRI
HSLUNVMW	2700K	3.8	150	39.5	91
	3000K	3.8	150	39.5	91
	3500K	3.8	165	43.4	93
	4000K	3.8	170	44.7	93
	5000K	3.8	170	44.7	92

Multipliers

Accessories Multipliers	Accessories	MF	Lumens	Wattages	LPW
Step Light	Marker - Low Diff	1	150	3.8	39.5
	Marker - High Diff	0.76	114	3.8	29.9
	Louver	0.59	89	3.8	23.4
	Cutoff	0.55	82	3.8	21.6
	Hood	0.23	34	3.8	8.9

Colour Multipliers	Colour	MF	Lumens	Wattages	LPW
Step Light	White	1	150	3.8	39.5
	Matt Black	0.67	101	3.8	26.5
	Bronze	0.93	139	3.8	36.5

Photometric Data

**HSLUNVMW-3000K****Marker - Low Diff (Default)**

Spacing criterion: (0-180) - | (90-270) - | (Diagonal) -

Beam Angle (H x V): 98.4° x 180°

Field Angle (H x V): 154.7° x 180°

Lumens: 150

Input Watts: 3.8 W

Efficacy: 39.5 LPW

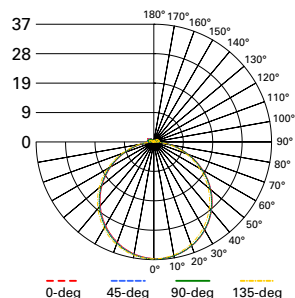
UGR: 30.6

Test Report: P1431943



Zonal Lumen	Lumens	% Lumens
0-30	5.9	3.5
0-40	13.1	7.7
0-60	38.3	22.5
0-90	94.6	55.7

TM-30-15	Rf = 89
	Rg = 96
CRI/CIE	Ra = 92.3
	R9 = 62

**HSLUNVMW-3000K****Marker - High Diff**

Spacing criterion: (0-180) 1.26 | (90-270) 1.27 | (Diagonal) 1.39

Beam Angle (H x V): 114.2° x 114.2°

Field Angle (H x V): 164.6° x 164.1°

Lumens: 114

Input Watts: 3.8 W

Efficacy: 29.9 LPW

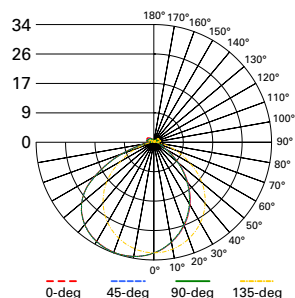
UGR: 20.9

Test Report: P1431942



Zonal Lumen	Lumens	% Lumens
0-30	5.9	3.5
0-40	13.1	7.7
0-60	38.3	22.5
0-90	94.6	55.7

TM-30-15	Rf = 89
	Rg = 96
CRI/CIE	Ra = 92.3
	R9 = 62

**HSLUNVMW-3000K****Louver**

Spacing criterion: (0-180) 1.25 | (90-270) 1.24 | (Diagonal) 1.35

Beam Angle (H x V): 98.2° x 103.2°

Field Angle (H x V): 139.8° x 147.6°

Lumens: 89

Input Watts: 3.8 W

Efficacy: 23.4 LPW

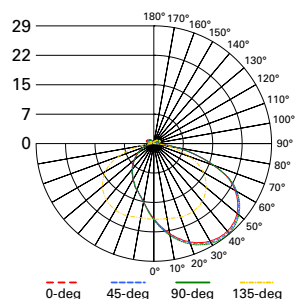
UGR: 12.1

Test Report: P1431941



Zonal Lumen	Lumens	% Lumens
0-30	5.9	3.5
0-40	13.1	7.7
0-60	38.3	22.5
0-90	94.6	55.7

TM-30-15	Rf = 89
	Rg = 96
CRI/CIE	Ra = 92.3
	R9 = 62

**HSLUNVMW-3000K****Cut-Off**

Spacing criterion: (0-180) 1.54 | (90-270) 1.55 | (Diagonal) 1.65

Beam Angle (H x V): 89.3° x 115.7°

Field Angle (H x V): 180° x 73.2°

Lumens: 82

Input Watts: 3.8 W

Efficacy: 21.6 LPW

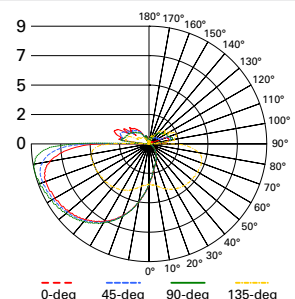
UGR: 23.2

Test Report: P1431939



Zonal Lumen	Lumens	% Lumens
0-30	5.9	3.5
0-40	13.1	7.7
0-60	38.3	22.5
0-90	94.6	55.7

TM-30-15	Rf = 89
	Rg = 96
CRI/CIE	Ra = 92.3
	R9 = 62

**HSLUNVMW-3000K****Hood**

Spacing criterion: (0-180) 1.95 | (90-270) 1.97 | (Diagonal) 2.08

Beam Angle (H x V): 180° x 73.2°

Field Angle (H x V): 73.2° x 180°

Lumens: 34

Input Watts: 3.8 W

Efficacy: 8.9 LPW

UGR: 10.4

Test Report: P1431940



Zonal Lumen	Lumens	% Lumens
0-30	5.9	3.5
0-40	13.1	7.7
0-60	38.3	22.5
0-90	94.6	55.7

TM-30-15	Rf = 89
	Rg = 96
CRI/CIE	Ra = 92.3
	R9 = 62