

COMING SOON!

LUMUX

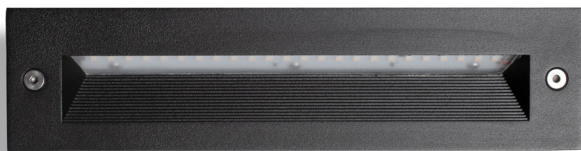
STEP LIGHT

SL650L

DATE: _____
PROJECT: _____
FIRM: _____
CATALOG NO: _____
COMMENTS: _____



SL650L-6



SL650L-10



SL650L-13

The SL650L Series are elegant architectural step lights with a recessed glare hood, precision engineered for durability and performance.

SL650L offers a distinctively contemporary, minimalist design. Ideal for illuminating steps and walkways, SL650L is a powerful LED solution with three different length and lumen packages and integrated 0-10v dimming. Featuring a recessed housing with a flush glare-hood to shield the light source, SL650L Series step lights are energy-efficient for long-lasting indoor and outdoor applications.

up to
475 lm

12w

up to
50 lm/W

Content of specification sheet subject to change

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STEP LIGHT SL650L

SL650L is an elegant step, facade, and wall light with a discreet, recessed glare hood, perfect for campus, resort and residential use.

Ordering Guide

Catalog No.	LED Color	Color Temp ¹	Voltage	Finish	Options ²
SL650L-6	White	2700K	120-277v	Black	
SL650L-10	Amber-TF	3000K		White	
SL650L-13		3500K		Silver	
		4000K		Bronze	
				Custom RAL ²	

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

Performance Specifications	
Flux up to 475 lm (SL650L-13 4000K)	LER up to 50 lm/W
Power up to 12W	120-277v input voltage
Starting temp. rated to -20°F	Recessed mounting option
0-10v Dimming Integrated	Concrete pour-box option
Lumen Maintenance*: L70 >100K hrs	

Environmental Specifications	
BUG rating: B0-U2-G1 (SL650L-10)	Amber-TF turtle-friendly option
CRI 80	Color temperature options
IP65	ETL listed for wet-locations
Effective Projected Area n/a	Marine Grade option
5-year limited warranty	Made in the USA

Delivered Lumens & Wattage per color temperature:

	2700K	3000K	3500K	4000K	WATTS
SL650L-6	135 lm	140 lm	170 lm	200 lm	5W
SL650L-10	225 lm	250 lm	300 lm	350 lm	7W
SL650L-13	325 lm	350 lm	400 lm	475 lm	12W

For higher lumen packages, please consult the Lumux sales team.

Housing: Heavy-duty construction corrosion resistant, low-copper die-cast aluminum. Enclosed lens secured with vandal resistant, stainless-steel fasteners.

Lens: Sealed one-piece shatter-proof clear polycarbonate lens.

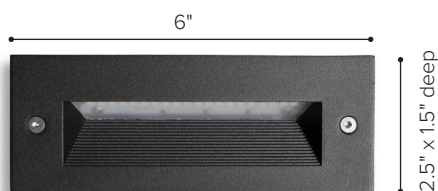
Gasket: Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation. IP65 - ETL listed for wet locations.

Mounting: Recessed mounting, with optional concrete pour-box.

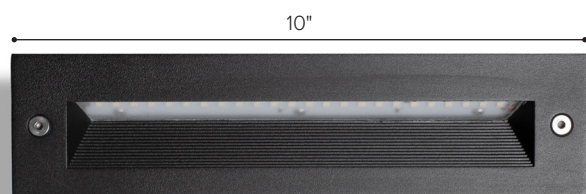
Installation: Please refer to installation instructions.

Finish: Zinc polyester powder coat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

Light Engine: Constant Current driver with integrated 0-10v dimming, powering high quality LEDs.



SL650L-6



SL650L-10



SL650L-13

Dimensions

*Lumen Maintenance Report: Forzlux BB12TB

Content of specification sheet subject to change

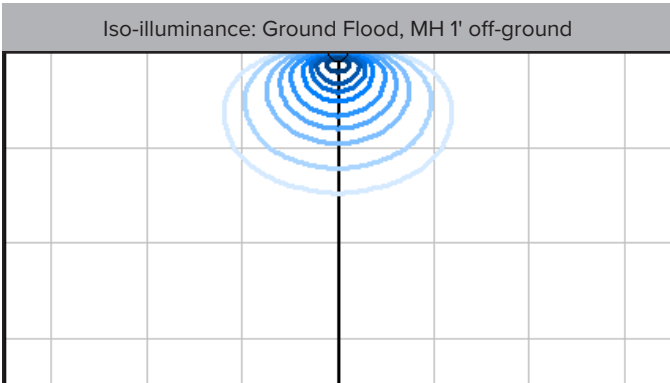
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STEP LIGHT SL650L-6

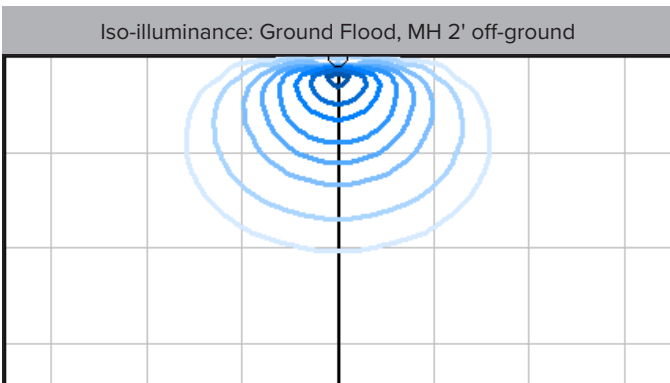


Photometry	IESNA: LM-63-2002
TEST: L102312701	TEST LAB: Light Laboratory Inc.
LUMINAIRE: SL650L-6	DATE: 2023-11-10
IES Classification: Type IV	Longitudinal Class: Very Short
Luminaire Lumens	210 (4000K)
Luminaire Efficacy Rating (LER)	41
Total Luminaire Watts	5.09W
Upward Waste Light Ratio	0.06
Max. Candela	165 (0H, 40V)
Max. Cd. < 90° Vertical	165 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	21 (10.0%)
Max. Cd. (80 to <90 Deg. Vert.)	52 (24.8%)
Cutoff Classification: Cutoff	BUG Rating: B0-U1-G1

Technical aspects may change without notice.

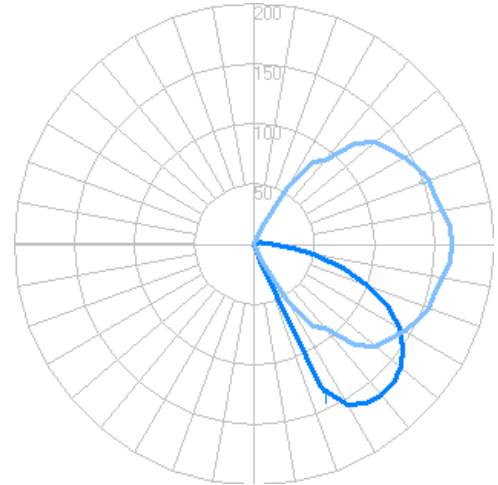


Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 | Grid spacing 5'



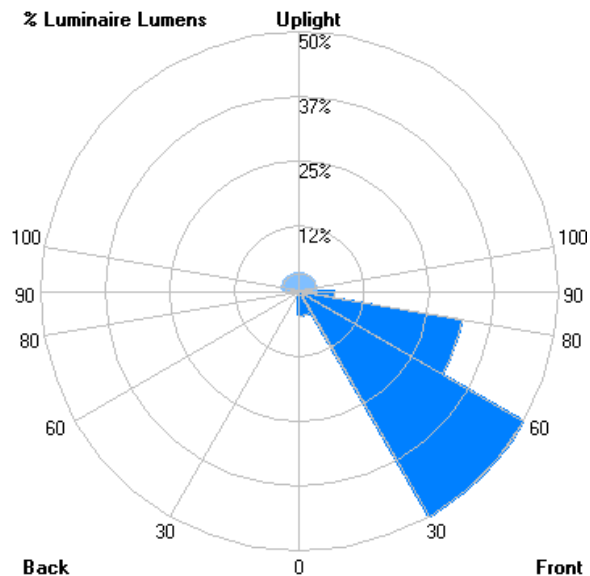
Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 | Grid spacing 5'

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	9.9	4.7
FM	(30-60)	105.0	50.0
FH	(60-80)	66.9	31.8
FVH	(80-90)	14.4	6.8
BL	(0-30)	0.2	0.1
BM	(30-60)	0.5	0.2
BH	(60-80)	0.5	0.2
BVH	(80-90)	0.3	0.2
UL	(90-100)	5.3	2.5
UH	(100-180)	7.1	3.4
Total		210	100



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Content of specification sheet subject to change

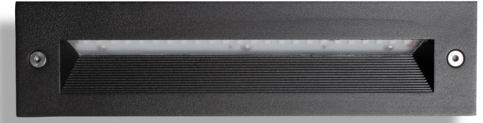
LUMUX LIGHTING

Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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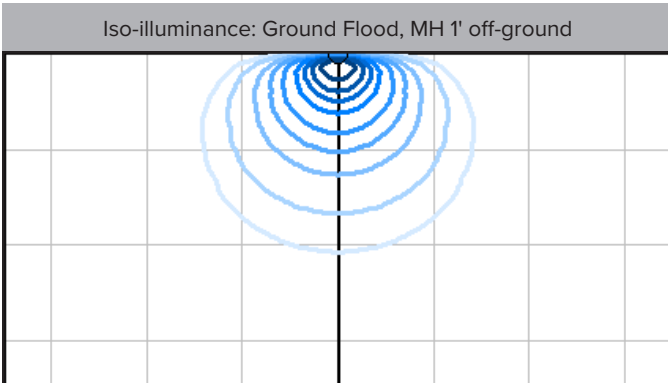
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STEP LIGHT SL650L-10

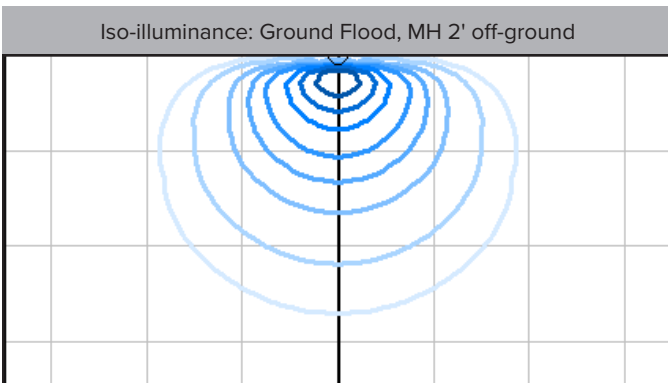


Photometry	IESNA: LM-63-2002
TEST: L102312702	TEST LAB: Light Laboratory Inc.
LUMINAIRE: SL650L-10	DATE: 2023-11-10
IES Classification: Type IV	Longitudinal Class: Very Short
Luminaire Lumens	358 (4000K)
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	7.25W
Upward Waste Light Ratio	0.08
Max. Candela	253 (5H, 40V)
Max. Cd. < 90° Vertical	253 (5H, 40V)
Max. Cd. (At 90 Deg. Vert.)	82 (22.9%)
Max. Cd. (80 to <90 Deg. Vert.)	136 (38.0%)
Cutoff Classification: Cutoff	BUG Rating: B0-U2-G1

Technical aspects may change without notice.

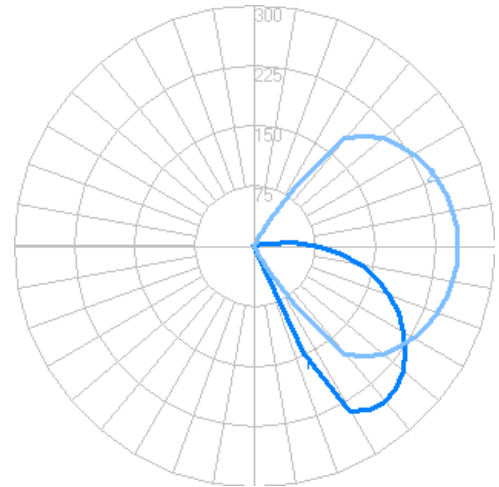


Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 | Grid spacing 5'



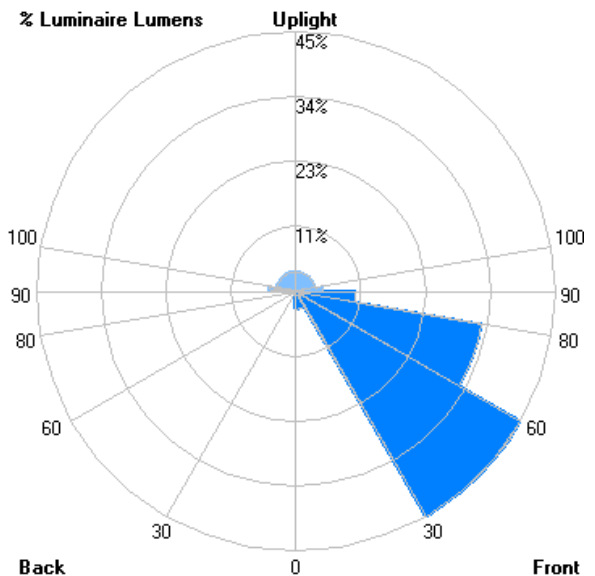
Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 | Grid spacing 5'

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	11.2	3.1
FM	(30-60)	160.9	45.0
FH	(60-80)	117.1	32.8
FVH	(80-90)	37.2	10.4
BL	(0-30)	0.4	0.1
BM	(30-60)	1.0	0.3
BH	(60-80)	1.0	0.3
BVH	(80-90)	0.5	0.2
UL	(90-100)	16.4	4.6
UH	(100-180)	11.9	3.3
Total		358	100



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Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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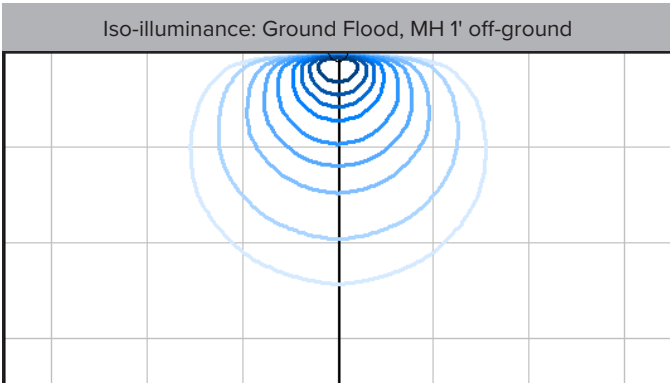
STEP LIGHT

SL650L-13

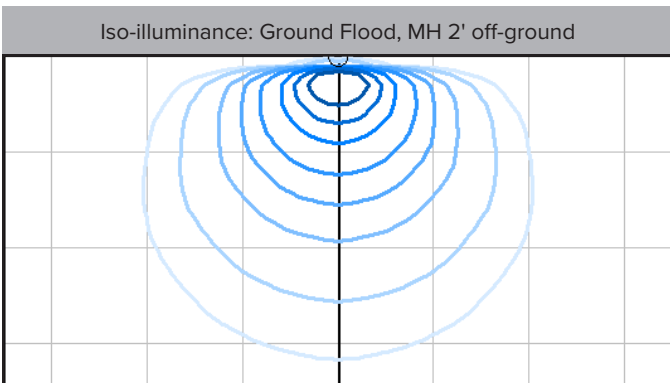


Photometry	IESNA: LM-63-2002
TEST: 1228036	TEST LAB: UL Verification Svcs.
LUMINAIRE: SL650L	DATE: 2016-03-28
IES Classification: Type IV	Longitudinal Class: Very Short
Luminaire Lumens	485 (4000K)
Luminaire Efficacy Rating (LER)	43
Total Luminaire Watts	11.18W
Upward Waste Light Ratio	0.07
Max. Candela	339.1 (0H, 40V)
Max. Cd. < 90° Vertical	339.1 (0H, 40V)
Max. Cd. (At 90 Deg. Vert.)	129.5 (26.7%)
Max. Cd. (80 to <90 Deg. Vert.)	226.7 (46.7%)
Cutoff Classification: Cutoff	BUG Rating: B0-U2-G1

Technical aspects may change without notice.

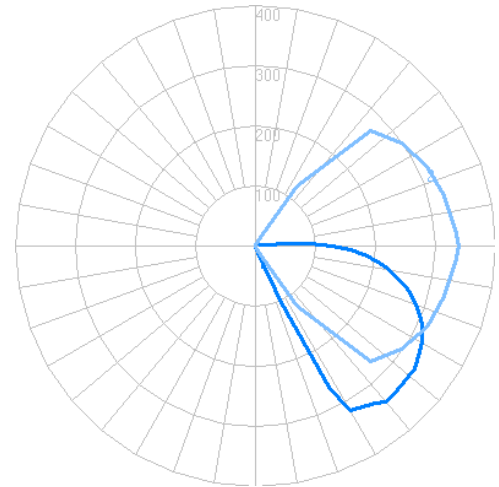


Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 | Grid spacing 5'



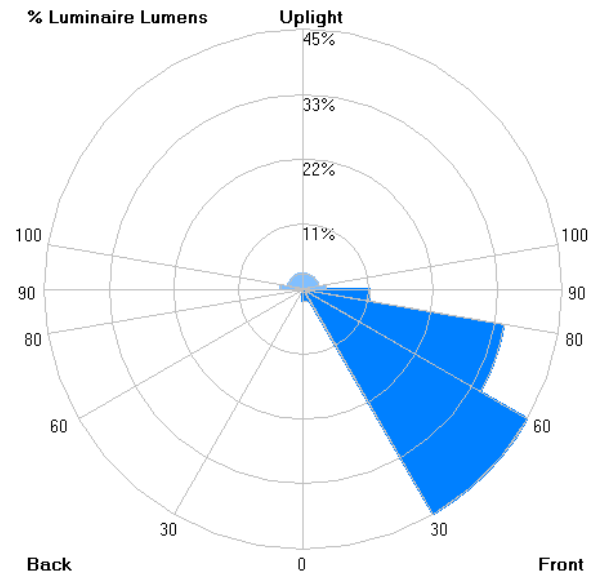
Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 | Grid spacing 5'

Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	73.0	10.5
FM	(30-60)	428.5	61.7
FH	(60-80)	191.5	27.5
FVH	(80-90)	2.0	0.3
BL	(0-30)	0.0	0.0
BM	(30-60)	0.0	0.0
BH	(60-80)	0.0	0.0
BVH	(80-90)	0.0	0.0
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		695	100



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Content of specification sheet subject to change

LUMUX LIGHTING

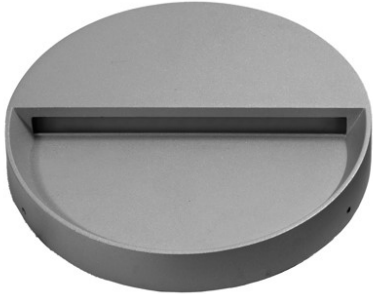
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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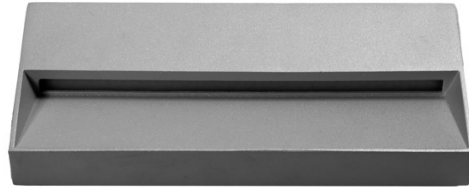
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LUMINAIRES IN THIS COLLECTION

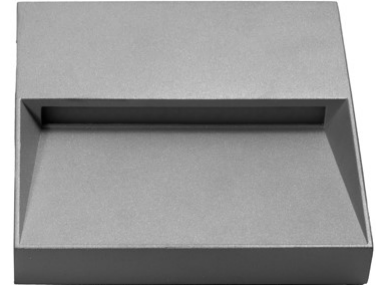
STEP LIGHTS WITH GLARE HOOD



SLS1500



SLS1400



SLS1000



SLS750



SL700



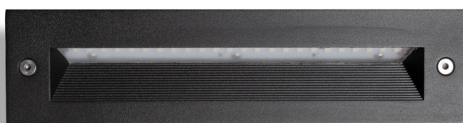
SLS755



SL650L-6



SL650



SL650L-10



SL650L-13



SLS650