

LUMUX

STEP LIGHT SL600

The Lumux SL600 Series is a family of precision engineered, recessed LED architectural step lights that are designed for durability and performance. Constructed from the highest quality materials and components, this step light is offered in a wide array of form factors and grill options to fit any specification. A diecast aluminum body is seamlessly integrated with a stainless steel or powder-coated faceplate with captive, vandal resistant stainless-steel screws. The SL600 Series features models with a clear woven frost-glass diffuser, protective grills, and glare-hood to shield the light source. focussing light to the task and reducing glare. SL600 Series step lights are energy efficient for long-lasting indoor and outdoor applications.

Housing: Heavy-duty construction of corrosion resistant, low-copper die cast aluminum. Stainless steel or powder-coated faceplate is secured with vandal-resistant, stainless screws.

Lens: 1/8" thick shatter-proof frosted glass diffuser.

Mounting: Recessed wall or optional concrete pour box.

Installation: Housing provided with 1/2" conduit opening, with optional galvanized steel concrete pour box (see diagram for dimensions).

Finish: Stainless steel faceplate or zinc-polyester powdercoat finish in black, white, silver, bronze, or any custom RAL color. Consult factory for marine grade or anti-microbial finish.

Driver: Constant current and universal input voltage 120-277v, starting temperature rated at -20°F. 0-10v dimming available.

Gasket: Closed cell silicon foam gasket that seals out moisture, dust, and insects for weather tight operation.

Protection Class: IP65, ETL Listed for wet locations.

CRI: 80

Warranty: 5 year limited warranty.

Delivered Lumens & Wattage per color temperature:

2700K	3000K	4000K	WATTS
400 lm	425 lm	450 lm	9W

For higher lumen packages and other color temperatures, please consult with the Lumux sales team.

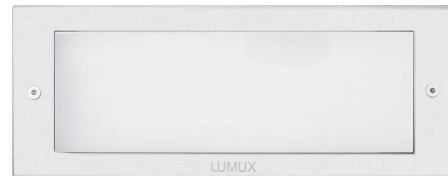
DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:



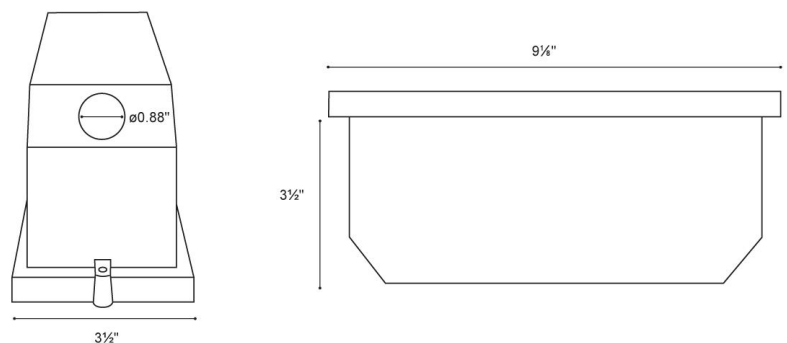
SL600SS stainless steel faceplate
impact-resistant glass diffuser



SL600 powdercoated faceplate
impact-resistant glass diffuser



SL600 Series Luminaire Housing Dimensions:



SL600 Series Universal Concrete Pour Box:



LUMUX LIGHTING

7803 Industry Ave, Pico Rivera, CA 90660
sales@lumux.com | 562-801-5100

Content of specification sheet subject to change

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STEP LIGHT SL600

SL600 is an elegant step and wall light with a modern design and many color options, perfect for campus, resort and residential use.

Ordering Guide

Catalog No.	LED Color	Color Temp ¹	Voltage	Finish	Options ²
SL600	White	2700K	120-277v	Stainless Steel	<input type="checkbox"/> 0-10v Dimming <input type="checkbox"/> Concrete pour-box
	Amber	3000K		Black	
	Red	4000K		White	
	Green			Silver	
	Blue			Bronze	
				Custom RAL ²	

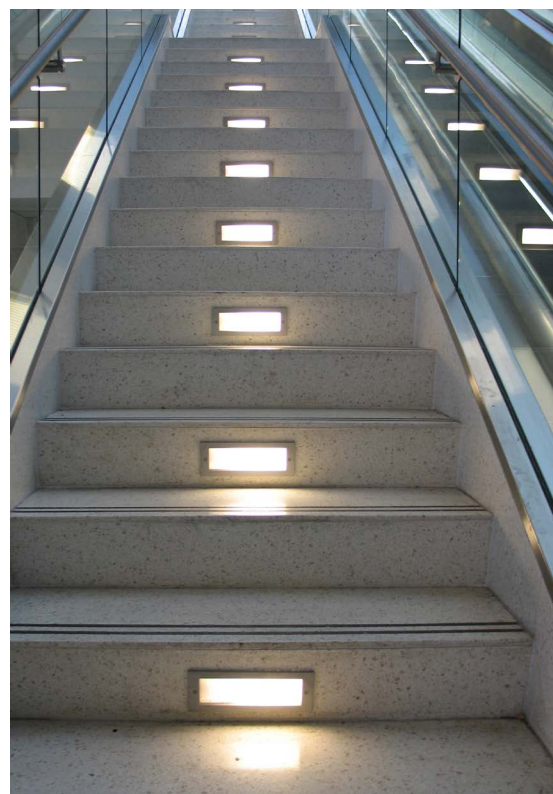
¹Consult factory for additional options;
color temp applies to white light only.

²Consult factory for additional pricing.

Catalog No.: _____

Performance Specifications	
Flux 450 lm (4000K)	LER 52 lm/W (4000K)
Power 9W	
Starting temp. rated to -20°F	120-277v input voltage
Dimmable driver (0-10v) option	
Lumen Depreciation*: L70 100,000 hrs	

Environmental Specifications	
BUG rating: B0-U3-G1	
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



*Lumen Maintenance Report: Permlight Technologies
Test Documentation No.: BB12TB

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STEP LIGHT SL600

DATE:

PROJECT:

FIRM:

CATALOG NO.:

COMMENTS:

Photometry

IESNA: LM-63-2002

TEST: 1173030 TEST LAB: UL Verification Svs.

LUMINAIRE: SL600 DATE: 2022-01-01

IES Classification: Type IV Longitudinal Class: Very Short

Luminaire Lumens 445.8 (4000K)

Luminaire Efficacy Rating (LER) 53

Total Luminaire Watts 8.423W

Upward Waste Light Ratio 0.49

Max. Candela 229.2

Max. Cd. < 90° Vertical 229.2

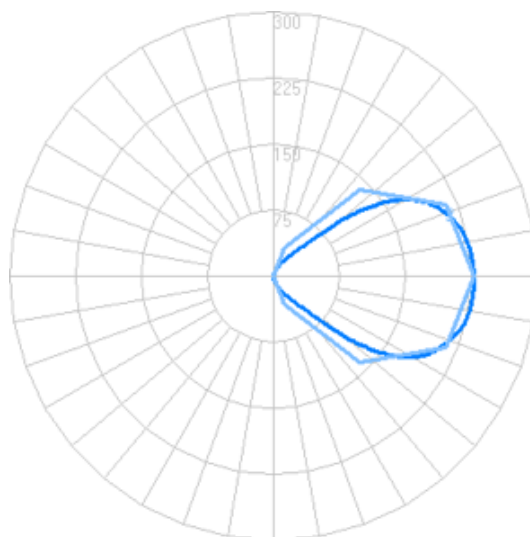
Max. Cd. (At 90 Deg. Vert.) 229.2 (51.4% Luminaire)

Max. Cd. (80 to <90 Deg. Vert.) 229.2 (51.4% Luminaire)

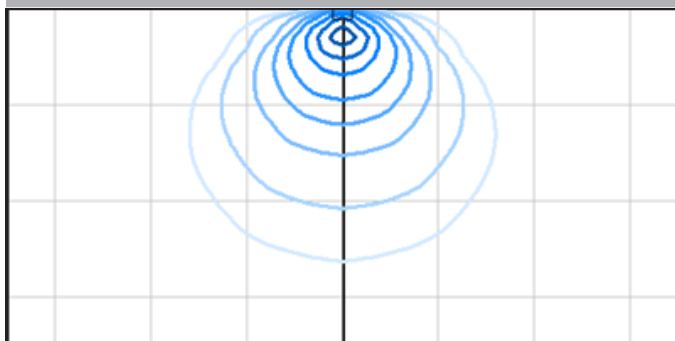
Cutoff Classification: N.A. BUG Rating: B0-U3-G1

Technical aspects may change without notice.

Candela



Iso-illuminance: Ground Flood, MH 1' off-ground

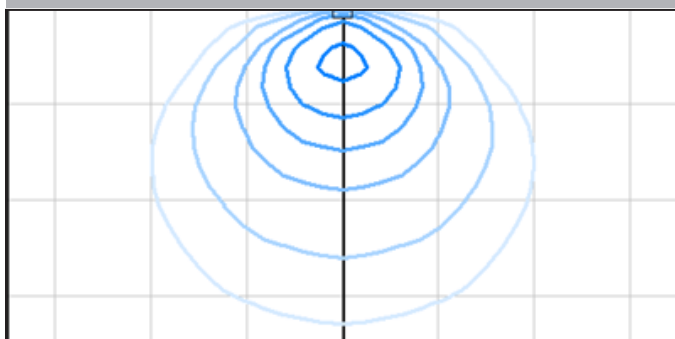


Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 | Grid spacing 5'

Zonal Lumens

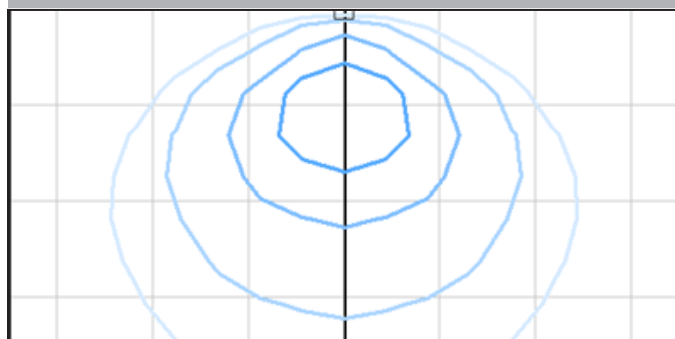
LCS	Zone	Lumens	%Lum.
FL	(0-30)	1.9	0.4
FM	(30-60)	45.8	10.3
FH	(60-80)	112.0	25.1
FVH	(80-90)	67.7	15.2
BL	(0-30)	0.0	0.0
BM	(30-60)	0.0	0.0
BH	(60-80)	0.05	0.0
BVH	(80-90)	0.05	0.0
UL	(90-100)	67.4	15.1
UH	(100-180)	150.7	33.8
Total		445	100

Iso-illuminance: Ground Flood, MH 2' off-ground



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

Iso-illuminance: Ground Flood, MH 4' off-ground



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

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

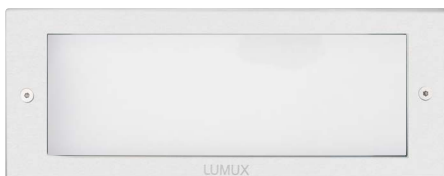
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STEP LIGHT

SL600 SERIES DIFFUSER & LOUVER OPTIONS

DATE:	
PROJECT:	
FIRM:	
CATALOG NO.:	
COMMENTS:	



SL600SS stainless steel faceplate
impact-resistant glass diffuser



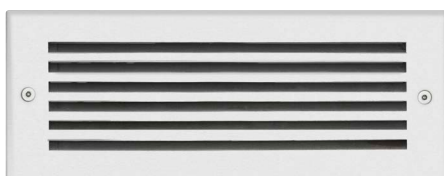
SL600 powdercoated faceplate
impact-resistant glass diffuser



SL630SS stainless steel faceplate
flat grill over impact-resistant glass diffuser



SL630 powdercoated faceplate
flat grill over impact-resistant glass diffuser



SL632SS stainless steel faceplate
fine grill with angled louvers



SL632 powdercoated faceplate
grill featuring angled louvers



SL640SS stainless steel faceplate
window grill over impact-resistant glass diffuser



SL650 powdercoated faceplate
glare-hood over impact-resistant glass diffuser



SL632V powdercoated faceplate
SL632VSS stainless steel faceplate
angled louvers for vertical installation