

# LUMUX

## IN-GRADE STEP LIGHT

IG100

DATE: \_\_\_\_\_  
PROJECT: \_\_\_\_\_  
FIRM: \_\_\_\_\_  
CATALOG NO: \_\_\_\_\_  
COMMENTS: \_\_\_\_\_



The IG100 Series are elegant stainless steel architectural in-grade step lights, precision engineered for durability and performance.

Ideal for illuminating steps and walkways, IG100 is a powerful walk-over outdoor LED solution with a distinctive modern design. IG100 is energy-efficient for long-lasting indoor and outdoor applications, featuring a recessed housing with integrated CPX concrete pour-box and 0-10v dimming, available in three sizes and lumen packages, and 30°, 60°, and 90° beam angle options. IG100 also has a field adjustable beam focus angle, turning the LED light source up to 30° for tree or wall washing applications. An optional RGBW light engine provides on-demand lighting effects.



up to **2050** lm    **22.5**w    up to **93** lm/W

Content of specification sheet subject to change

# LUMUX

## IN-GRADE STEP LIGHT IG100

IG100 is an modern step, facade, and wall light, with adjustable beam angle and optional RGBW, perfect for campus, resort and residential use.

### Ordering Guide

Catalog No.	Lens Beam Angle	LED Color	Color Temp <sup>1</sup>	Volatge	Finish
IG100-6	30°	White	2700K	120-277v	Stainless Steel
IG100-8	60°	RGBW	3000K		Black
IG100-9	90°		3500K		White
			4000K		Silver
					Bronze
					Custom RAL <sup>2</sup>

<sup>1</sup>Consult factory for additional options

<sup>2</sup>Consult factory for additional pricing

Catalog No.: \_\_\_\_\_

Performance Specifications	
Flux up to 2050 lm (IG100-9 4000K)	LER up to 93 lm/W
Power options: 7W, 17.5W, 22.5W	120-277v input voltage
Starting temp. rated to -20°F	Integrated CPX
0-10v Dimming Integrated	30°, 60°, 90° beam angles
Lumen Maintenance*: L70 >100K hrs	

Environmental Specifications	
Uplight focus angle from 0° to 30°	RGBW 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
IG100-6	525 lm	525 lm	525 lm	525 lm	7W
IG100-7	1250 lm	1250 lm	1250 lm	1250 lm	17.5W
IG100-9	2050 lm	2050 lm	2050 lm	2050 lm	22.5W

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

**Housing:** Stainless steel walk-over faceplate mounted to heavy-duty construction corrosion resistant, low-copper die-cast aluminum. Enclosed lens secured with vandal resistant, stainless-steel fasteners.

**Lens:** Sealed one-piece walk-over, shatter-proof clear glass optic with 30°, 60° and 90° lens beam angle options, also featuring a field-adjustable beam focus angle up to 30° from vertical.

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

**Mounting:** Recessed mounted, with integrated concrete pour-box.

**Installation:** Please refer to installation instructions.

**Finish:** Stainless steel with optional 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. Optional RGBW provides on demand lighting effects.



### Dimensions

\*Lumen Maintenance Report: Forzlux BB12TB

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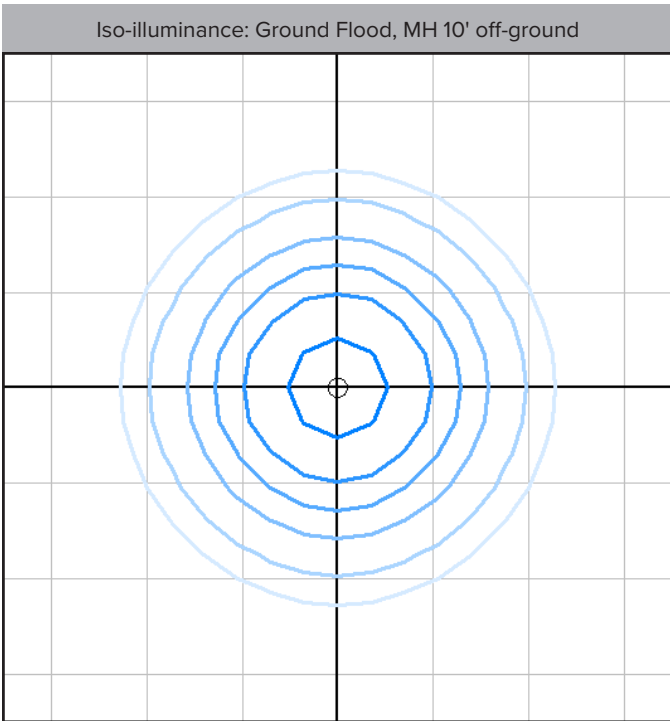
## IN-GRADE STEP LIGHT

### IG100-6



Photometry	IESNA: LM-63-2002
TEST: L012410105	TEST LAB: Light Laboratory Inc.
LUMINAIRE: IG100-6	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	524 (4000K)
Luminaire Efficacy Rating (LER)	76
Total Luminaire Watts	5.96
Upward Waste Light Ratio	0.00
Max. Candela	808 (0H, 0V)
Max. Cd. < 90° Vertical	808 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	11 (2.1%)
Cutoff Classification: Cutoff	BUG Rating: B1-U0-G0

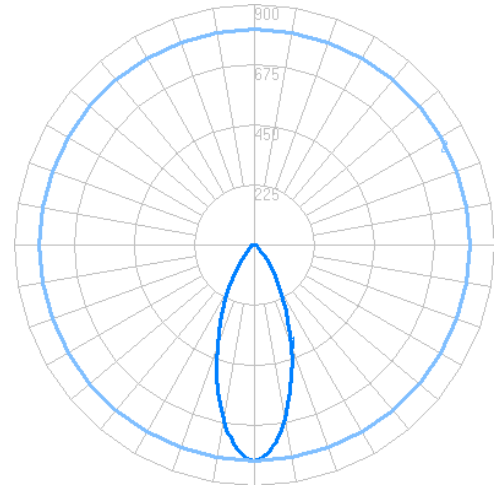
Technical aspects may change without notice.



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

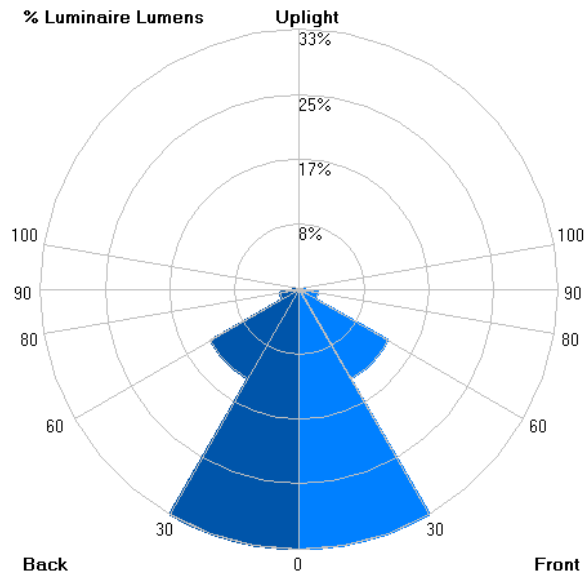
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	175.0	33.4
FM	(30-60)	69.4	13.3
FH	(60-80)	12.9	2.5
FVH	(80-90)	4.5	0.9
BL	(0-30)	175.0	33.4
BM	(30-60)	69.4	13.3
BH	(60-80)	12.9	2.5
BVH	(80-90)	4.5	0.9
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		524	100



Content of specification sheet subject to change

# LUMUX

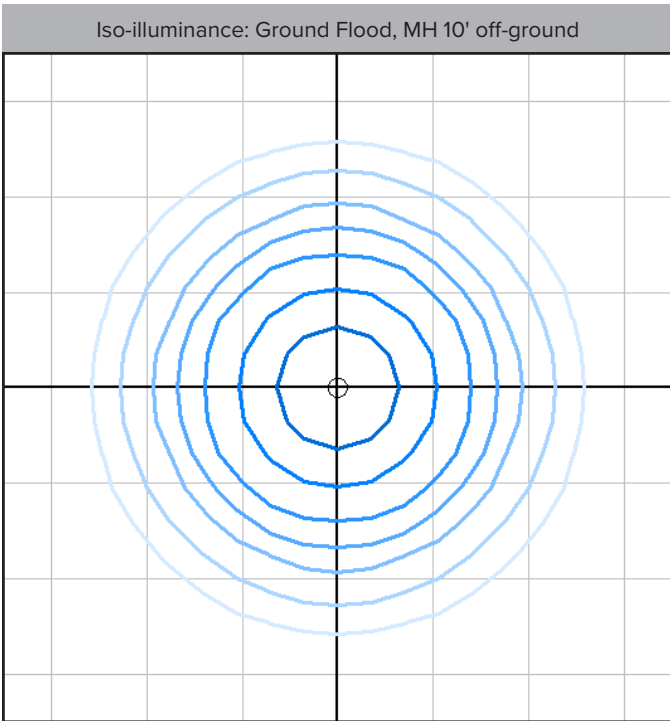
## IN-GRADE STEP LIGHT

### IG100-8



Photometry	IESNA: LM-63-2002
TEST: L012410106	TEST LAB: Light Laboratory Inc.
LUMINAIRE: IG100-8	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	1260 (4000K)
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	17.5W
Upward Waste Light Ratio	0.00
Max. Candela	1509 (0H, 0V)
Max. Cd. < 90° Vertical	1509 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	14 (1.1%)
Cutoff Classification: Cutoff	BUG Rating: B1-U0-G0

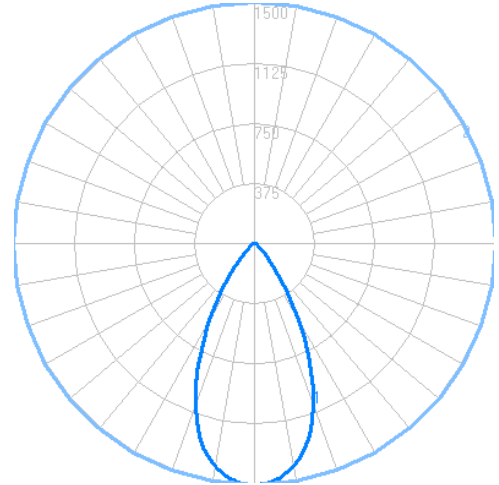
Technical aspects may change without notice.



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

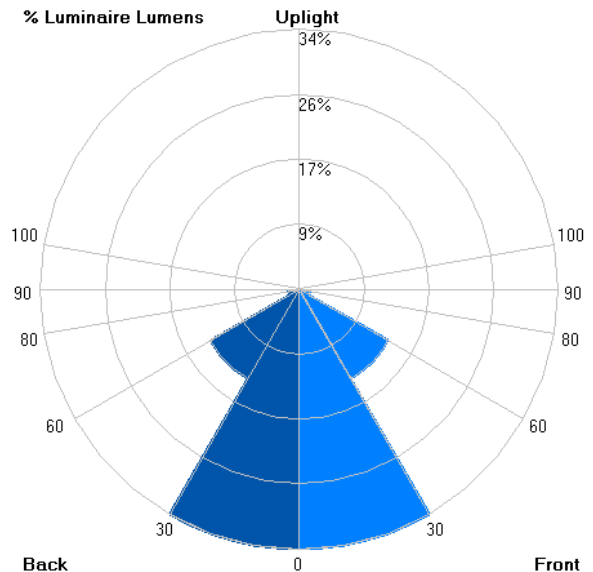
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	434.4	34.5
FM	(30-60)	172.1	13.7
FH	(60-80)	18.1	1.4
FVH	(80-90)	5.4	0.4
BL	(0-30)	434.4	34.5
BM	(30-60)	172.1	13.7
BH	(60-80)	18.1	1.4
BVH	(80-90)	5.4	0.4
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		1260	100



Content of specification sheet subject to change

# LUMUX

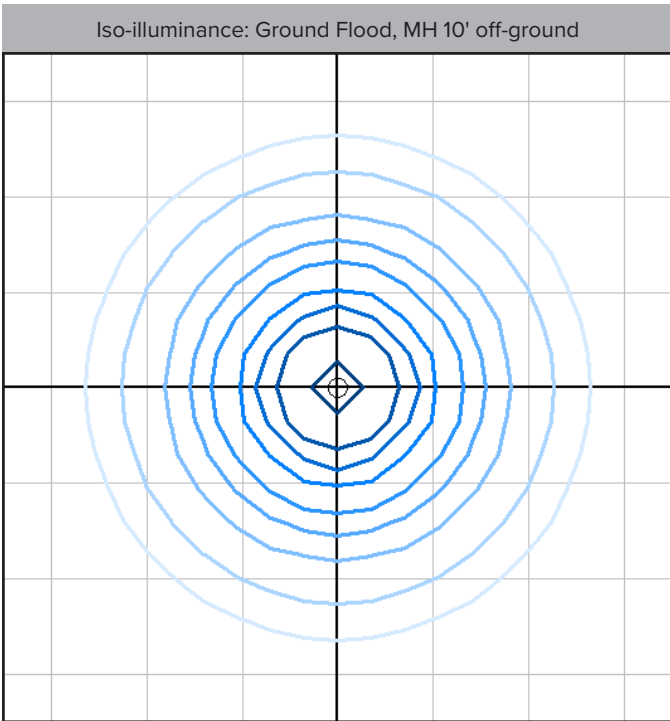
## IN-GRADE STEP LIGHT

### IG100-9



Photometry	IESNA: LM-63-2002
TEST: L012410107	TEST LAB: Light Laboratory Inc.
LUMINAIRE: IG100-9	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	2072 (4000K)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	22.32W
Upward Waste Light Ratio	0.00
Max. Candela	6828 (0H, 0V)
Max. Cd. < 90° Vertical	6828 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	15 (0.7%)
Cutoff Classification: Cutoff	BUG Rating: B2-U0-G0

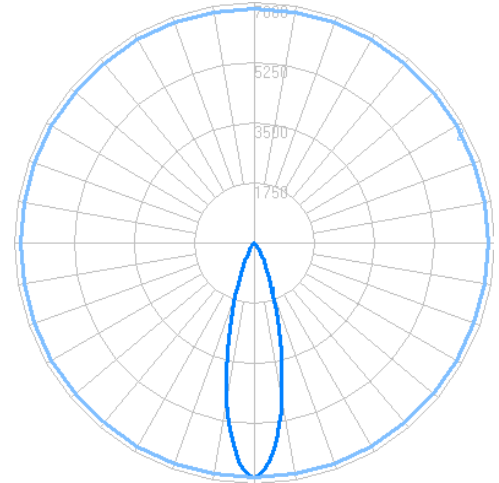
Technical aspects may change without notice.



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

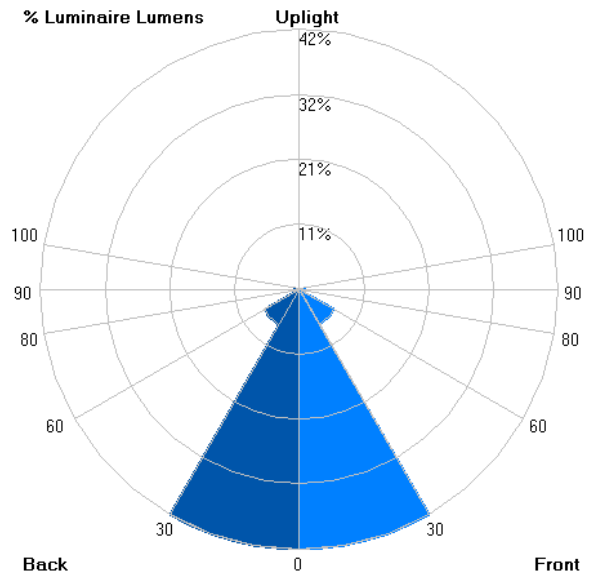
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	875.0	42.2
FM	(30-60)	135.4	6.5
FH	(60-80)	19.6	0.9
FVH	(80-90)	6.1	0.3
BL	(0-30)	875.0	42.2
BM	(30-60)	135.4	6.5
BH	(60-80)	19.6	0.9
BVH	(80-90)	6.1	0.3
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		2072	100



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# LUMUX

## LUMINAIRES IN THE COLLECTION FLOOD LIGHTS & SIGN LIGHTS

Lumux flood & sign lights deliver high flux output, high efficacy light, with a spectrum of wattage options.

Lumux spot lights offer a broad array of beam angles and mounting options, including ground, post, and beam. Linear sign lights are available in a variety of lengths. Ingrades feature field adjustable beam focal angles and walk-over durability and, like recessed floods, include an CPX pour-box.



**FL500-4**  
15W



**FL500-7**  
39W



**FL500-9**  
72W



**FL200-3**  
6W & 12W



**FL500-4**  
29W



**FL100**  
6,000 lumens



**LF400**  
Linear flood wall wash



**LF400-2**  
Continuous linear flood

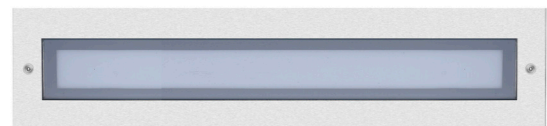


**LLL800-2**  
Recessed flood



**IG100 Series**

Ingrade uplight floods or recessed wall lights with 30°, 60°, 90° beam angle options, and 0° to 30° field-adjustable beam focal angle from vertical.



**LF600SS**

Ingrade uplight flood or recessed wall light

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