

COMING SOON!

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 distinctively modern, minimalist design. IG100 Series step lights are energy-efficient for long-lasting indoor and outdoor applications. IG100 Series luminaires feature a recessed housing with integrated 0-10v dimming and CPX concrete pour-box, and are available in three lumen packages. IG100 has a field adjustable beam angle, up to 30 degrees, for 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

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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.	LED Color	Color Temp ¹	Voltage	Finish	Options ²
IG100-6	White	2700K	120-277v	Stainless Steel	
IG100-8	RGBW	3000K		Black	
IG100-9		3500K		White	
		4000K		Silver	
				Bronze	
				Custom RAL ²	

¹Consult factory for additional options

²Consult factory for additional pricing

Catalog No.: _____

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

Environmental Specifications	
BUG rating: uplight	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 field-adjustable beam angle.

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: 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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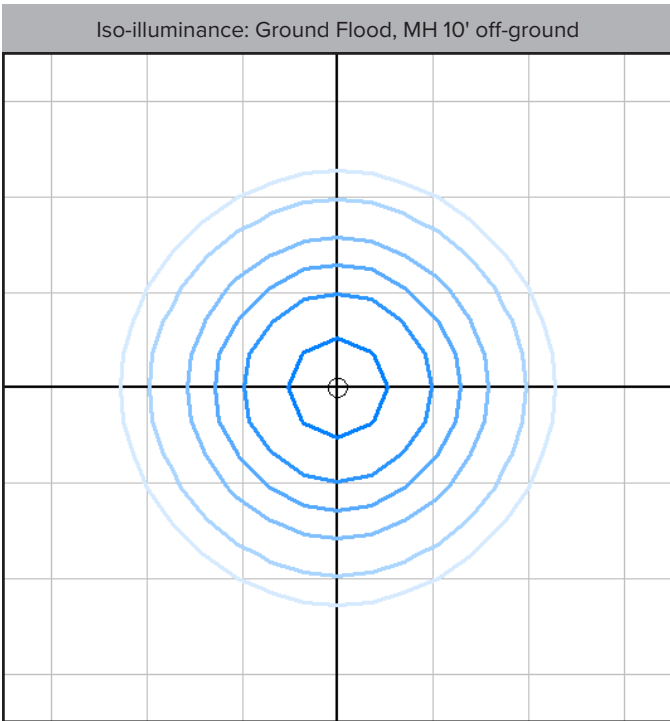
IN-GRADE STEP LIGHT

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

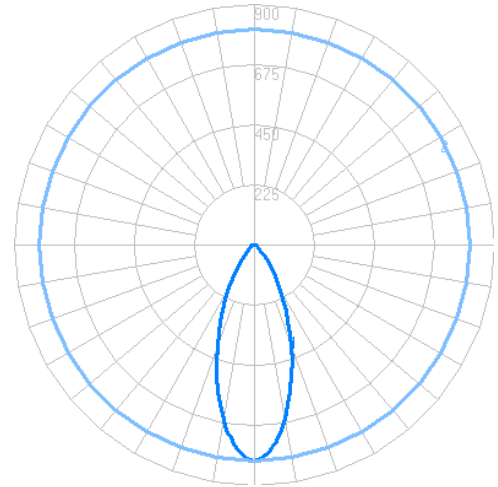
Technical aspects may change without notice.



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

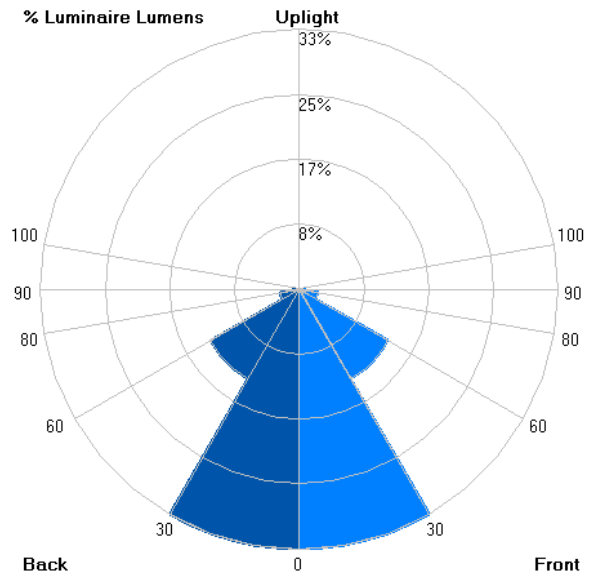
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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



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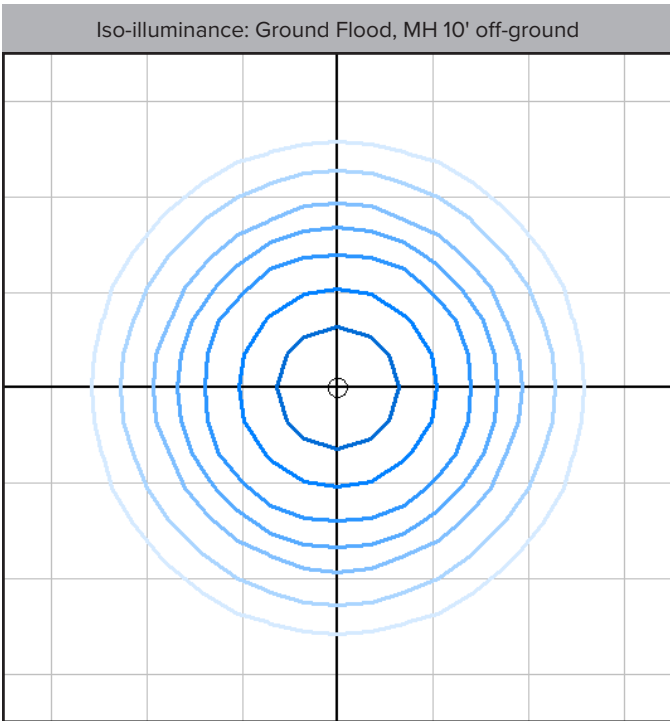
IN-GRADE STEP LIGHT

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

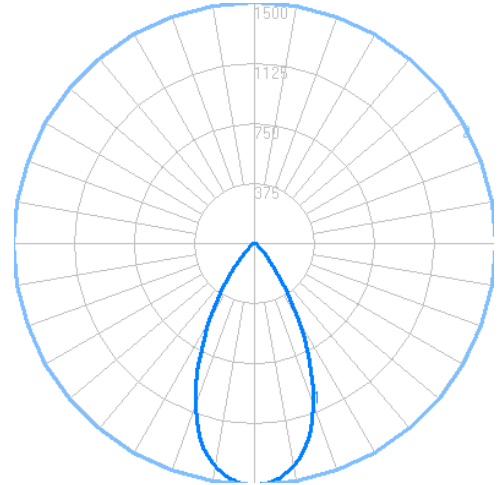
Technical aspects may change without notice.



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

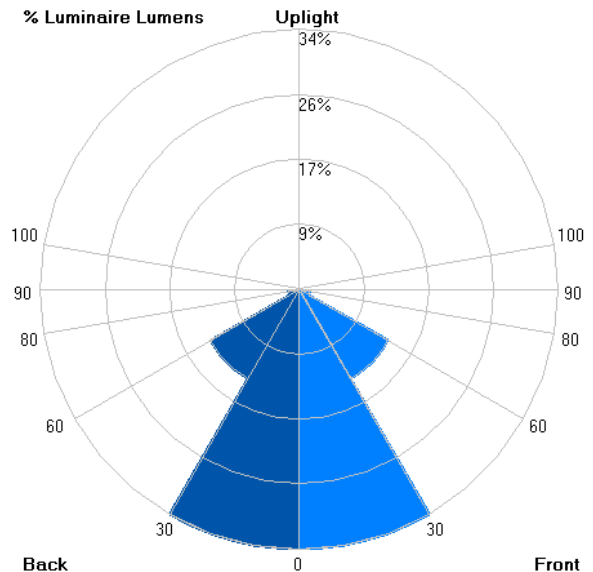
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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



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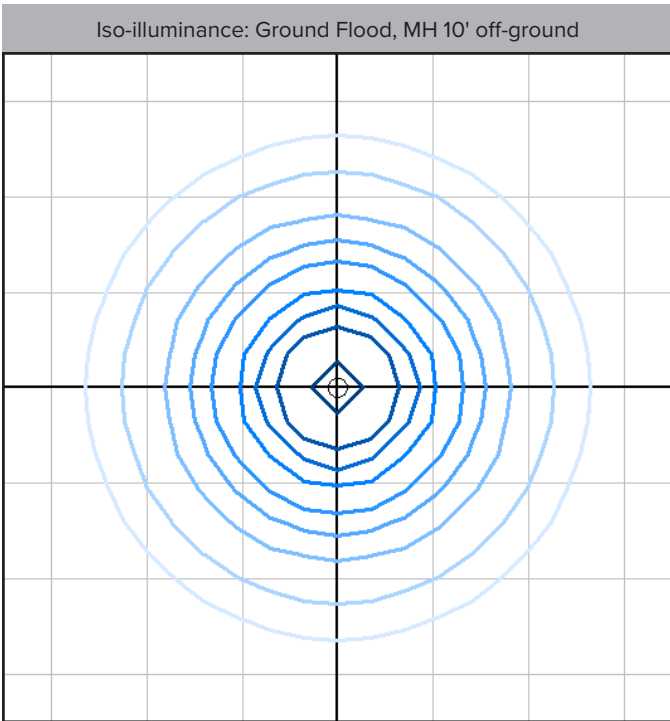
IN-GRADE STEP LIGHT

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

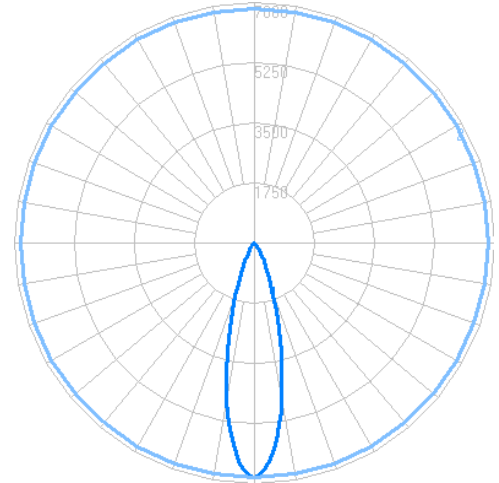
Technical aspects may change without notice.



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

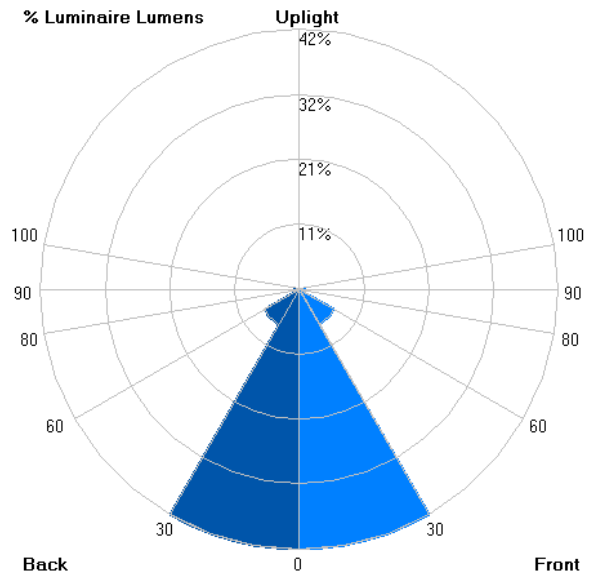
Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

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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LUMINAIRES IN THE COLLECTION FLOOD LIGHTS



FL500-4
15W

COMING SOON!



FL500-7
39W

COMING SOON!



FL500-9
72W

COMING SOON!



FL200-3
6W & 12W



FL500-4
29W



FL100
6,000 lumens

COMING SOON!



LF400
Linear flood wall wash



LF400-2
Continuous linear flood
COMING SOON!



LLF800-2
Recessed flood

COMING SOON!



LF600SS
Ingrade uplight flood



SL2024 Series
Ingrade uplight flood

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