

Collection of compact exterior luminaires for architectural lighting. Rugged stainless steel construction, with tempered glass lens, these luminaires are designed to perform in extreme conditions. This series is available in 3 sizes, that can be installed for all in-ground application. Complete range of optic distributions for accent lighting, effects lighting and markers.

## Luminaire characteristics:

**Power input:** 1W to 5.5W (fixture wattage)  
**Lumens:** 9lm to 541lm (for 3000K, 80CRI)  
**Luminaire efficacy:** Up to 106lm/W

## Source:

LUXEON LED module (LM-80)  
2700K: 80CRI,  
3000K: 80CRI,  
3500K: 80CRI,  
4000K: 80CRI.

## Lumen maintenance:

90% of initial lumens at 100 000 hours (L90 B10)  
T77°F (25°C)  
90% of initial lumens at 100 000 hours (L90 B10)  
T104°F (40°C)

## Optics:

Spot, medium, flood, wide flood with Opti Beam technology (comfort versions delivered with an integrated hex cell louver). Wall washer, diffuse, elliptical or light blade.

## Material:

Body and frame : AISI 304 stainless steel  
Diffuser: 6 to 8 mm extra-clear or opal sodium-calcium tempered glass.  
Optics: PMMA lens or PE film for diffuse optic, clear, black or metalized polycarbonate reflector

## Mounting:

Ground recessed installation using polypropylene back box with AISI 304 stainless steel ring (to be ordered separately). Supplied with 6ft (1.8m) long outdoor rated power cable. 12" of gravel is required below the luminaire to allow proper drainage.

## Electrical:

High efficiency LED driver, rated at 50 000 hours. See remote LED driver options on page 3.

## Finish:

Glass: Black  
Backbox outer ring: Stainless steel, gold/brass, bronze and burnished chrome.

## Weight:

ILUG28: 0.42lb (0.19kg)  
ILUG50: 1.30lb (0.59kg)  
ILUG80: 3.15lb (1.43kg)

## Load capacity:

4 409lb (2 000kg)

## Glass surface temperature:

104°F (40°C)

## Operating temperature:

ILUG28: -13 to 95°F (-25 to 35°C)  
ILUG50: -13 to 122°F (-25 to 50°C)  
ILUG80: -4 to 95°F (-20 to 35°C)

## Warranty:

5 year limited warranty

## Ratings:

ILUG28: IK09, IP66, IP68\*  
ILUG50: IK07, IP66, IP68\*  
ILUG80: IK09, IP66, IP68\*

\* Complete immersion for 10 minutes, not suitable for use in swimming pools or fountains.

## Certification:



cULus listed for wet location.



ORDERING INFO

PRODUCT CODE



							Select remote driver on page 3
MODEL	OUTPUT	LED	OPTIC	VOLTAGE	GLASS FINISH	FINISH	
28 1" (23mm)	BO Base output	827 2700K, 80CRI	BL 2 3 Light blade	REM Remote	Black Black	13 Stainless steel	
50 2" (45mm)	MO 1 2 Medium output	830 3000K, 80CRI	SP 1 2 4 Spot - 28mm (14°) - 50mm (8°) - 80mm (8°)			14 Gold / brass	
80 3" (74mm)	HO 1 High output	835 3500K, 80CRI	SH 1 2 Spot Comfort - 50mm (8°) - 80mm (8°)			69 Bronze	
		840 4000K, 80CRI	MD 3 4 Medium - 28mm (22°) - 50mm (24°)			E6 Burnished chrome	
			MH 3 Medium Comfort - 50mm (24°)				
			FL 2 Flood - 80mm (30°)				
			FH 2 Flood comfort - 80mm (28°)				
			WF 2 3 Wide flood - 50mm (42°) - 80mm (50°)				
			WH 2 3 Wide flood comfort - 50mm (40°) - 80mm (42°)				
			EL 1 2 Elliptical - 50mm (68°/12°) - 80mm (78°/10°)				
			WW 1 2 Wall washer				

- 1 Available for 50 model.
- 2 Available for 80 model.
- 3 Available for 50 model with base output (BO).
- 4 Available for 28 model.

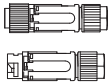
MOUNTING ACCESSORIES  
(TO BE ORDERED SEPARATELY)

- IX489-XX - Polypropylene recessed back box for in-ground installation for ILUG28 Ø5 1/16" x 4 7/16" (Ø135 x 112mm)
- IX490-XX - Polypropylene recessed back box for in-ground installation for ILUG50 Ø6 1/2" x 4 3/4" (Ø165 x 120mm)
- IX491-XX - Polypropylene recessed back box for in-ground installation for ILUG80 Ø7 5/16" x 4 3/4" (Ø186 x 120mm)
- 9583 - Suction cup for fixture removal



WATERPROOF IP68 FIELD CONNECTOR  
For 0.19" - 0.375" (5-9.5mm) cable, 2x 16-24 AWG conductors

- 9015-9016-KIT - Female and male connector.



WIRING ACCESSORIES  
(TO BE ORDERED SEPARATELY)

- 9581-02 - Black watertight connectors (x4), rated IP68



REMOTE LED DRIVER OPTIONS (TO BE ORDERED SEPARATELY)

PRODUCT CODE

Outdoor rated drivers

Driver box model	Min-max units								
	ILUG28	ILUG50				ILUG80			
	BO (1W*) SP, FL, DI	BO (1W*) BL, SP, SH, EL, DI, WW	BO (3.8W*) MD, MH, WF, WH	MO (1.4W*) SP, SH, EL, DI	HO (2W*) SP, SH, EL, DI	BO (2.9W / 3W*) BL, WW	BO (3.8W*) SP, SH, FL, FH, WF, WH, EL, DI	MO (4.2W*) BL, WW	MO (5.5W*) SP, SH, FL, FH, WF, WH, EL, DI
4548-0350-006-120-D10	2-5	2-5							
4548-0350-012-120-LTE	3-10	3-10	1-2			1-3	1-2		
4549-0350-019-UNV-ED10	1-17	1-17	1-4			1-5	1-4		
4549-0350-019-UNV-SD10	1-17	1-17	1-4			1-5	1-4		
4548-0500-020-UNV-D10				6-12				2-4	2-3
4548-0500-025-120-LTE				6-15				2-5	2-4
4549-0500-027-UNV-ED10				1-17				1-5	1-4
4549-0500-027-UNV-SD10				1-17				1-5	1-4
4548-0700-004-120-LTE					1				
4548-0700-007-UNV-D10					2-3				
4548-0700-020-UNV-D10					4-8				
4549-0700-030-UNV-ED10					1-12				
4549-0700-030-UNV-SD10					1-12				

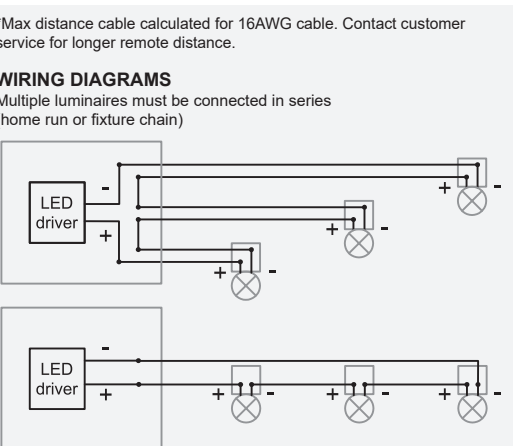
Indoor rated drivers

Driver box model	Min-max units								
	ILUG28	ILUG50				ILUG80			
	BO (1W*) SP, FL, DI	BO (1W*) BL, SP, SH, EL, DI, WW	BO (3.8W*) MD, MH, WF, WH	MO (1.4W*) SP, SH, EL, DI	HO (2W*) SP, SH, EL, DI	BO (2.9W / 3W*) BL, WW	BO (3.8W*) SP, SH, FL, FH, WF, WH, EL, DI	MO (4.2W*) BL, WW	MO (5.5W*) SP, SH, FL, FH, WF, WH, EL, DI
4444-0350-006-120-D10	2-5	2-5							
4444-0350-012-120-LTE	3-10	3-10	1-2			1-3	1-2		
4443-0350-013-UNV-D2**	6-12	6-12							
4450-0350-019-UNV-D10	3-16	3-16	1-4			2-5	1-4		
4450-0350-019-UNV-ED10	1-17	1-17	1-4			1-5	1-4		
4450-0350-019-UNV-SD10	1-17	1-17	1-4			1-5	1-4		
4450-0500-027-UNV-ED10				1-17				1-5	1-4
4450-0500-027-UNV-SD10				1-17	1			1-5	1-4
4444-0700-004-120-LTE					1				
4444-0700-007-UNV-D10					2-3				
4443-0700-020-UNV-D2**					4-8				
4450-0700-030-UNV-ED10					1-12				
4450-0700-030-UNV-SD10					1-12				

\* Wattage requirement for one (1) fixture (remote fixture only).

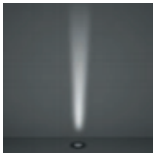
\*\* Legacy pricing letter required to order any LUTRON products.

DRIVER BOX MODEL DESCRIPTION

DIMENSION	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL	<p>*Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.</p> <p><b>WIRING DIAGRAMS</b> Multiple luminaires must be connected in series (home run or fixture chain)</p> 
<p><b>4443</b> 5" x 4" x 3" (127 x 102 x 76mm)</p> <p><b>4444</b> 6" x 4" x 3" (152 x 102 x 76mm)</p> <p><b>4450</b> 8" x 8" x 4" (203 x 203 x 102mm)</p> <p><b>4548</b> 6" x 4.5" x 3" (152 x 114 x 76mm)</p> <p><b>4549</b> 14.5" x 5" x 3.5" (368 x 127 x 89mm)</p>	<p><b>0350</b> 350mA</p> <p><b>0500</b> 500mA</p> <p><b>0700</b> 700mA</p>	<p><b>006 to 030</b> 6W to 30W</p>	<p><b>120</b> 120V</p> <p><b>UNV</b> 120-277V</p>	<p><b>D10</b> 0-10V Max distance: 9m (30ft)* (down to 10%)</p> <p><b>D2</b> Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black) Max distance: 9m (30ft)* (down to 1%)</p> <p><b>ED10</b> 0-10V ELDOLED ECOdrive Max distance: 36m (118ft)* (down to 1%)</p> <p><b>SD10</b> 0-10V ELDOLED SOLOdrive Max distance: 36m (118ft)* (down to 0.1%)</p> <p><b>LTE</b> Leading edge and trailing edge (ELV and TRIAC) Max distance: 100m (330ft)* (down to 15%)</p>	

FAMILY OVERVIEW

1" (28)

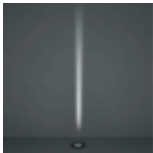


Spot (14°)

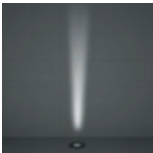


Medium (22°)

2" (50)



Light blade



Spot (8°)\*



Medium (24°)\*



Wide flood (42°)\*

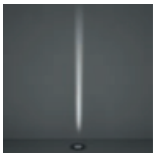
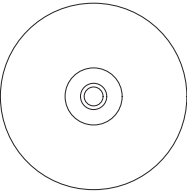


Elliptical

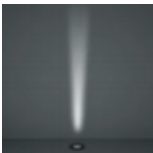


Wall washer

3" (80)



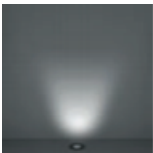
Light blade



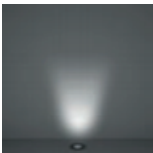
Spot (8°)\*



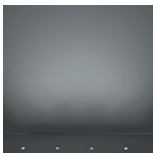
Flood (30°)\*



Wide flood (50°)\*



Elliptical



Wall washer

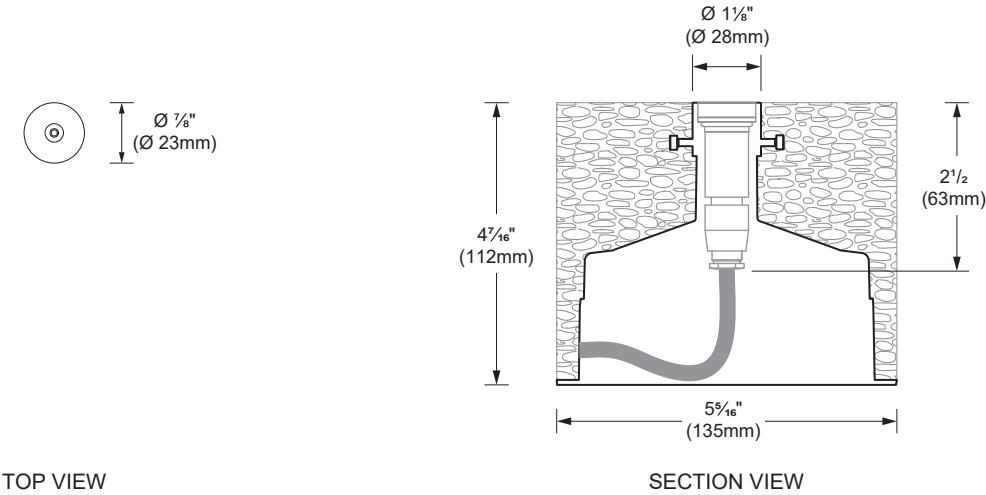
LUMEN MAINTENANCE

	ILUG28 Ø1"	ILUG50-MD,WF Ø2"	ILUG50-SP,EL,WW,BL Ø2"	ILUG80 Ø3"	ILUG80-WW,BL Ø3"
L80 B10 (ta25°C (77°F))		99 000h		98 000h	
L80 B10 (ta40°C (104°F))		84 000h		99 000h	
L90 B10 (ta25°C (77°F))	100 000h		100 000h		100 000h
L90 B10 (ta40°C (104°F))			100 000h		100 000h

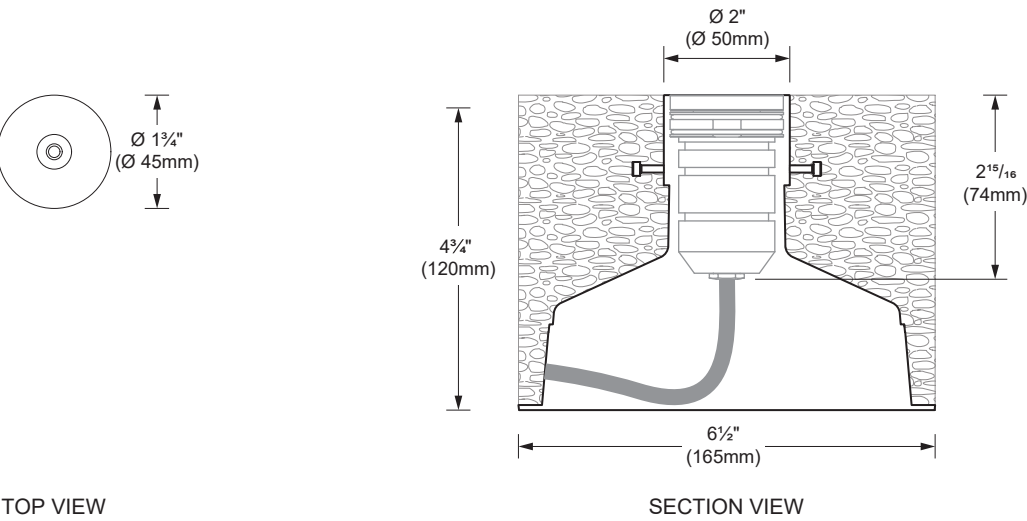
\* Optics also offered in Comfort version with honeycomb louver. See photometric information (page 7-11).

DIMENSIONS

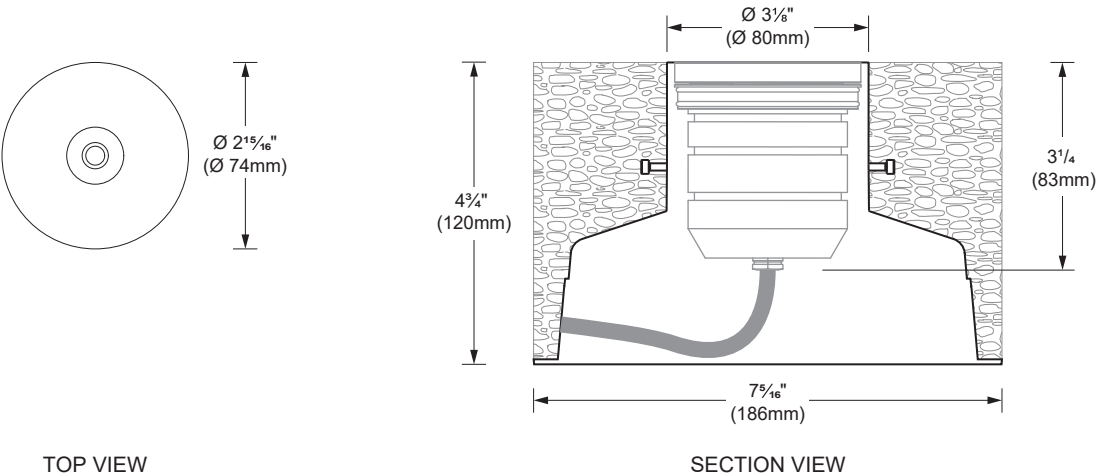
1" (28)



2" (50)

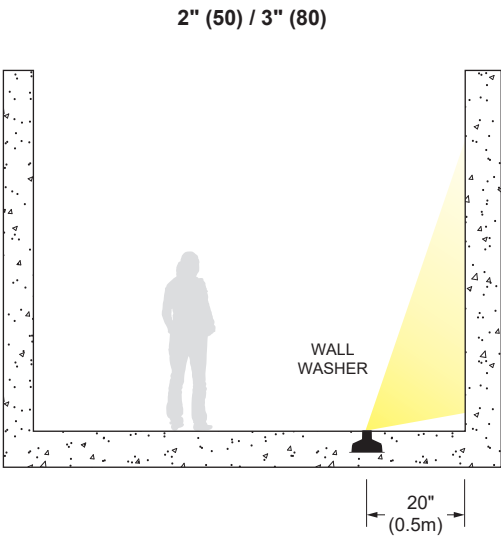


3" (80)

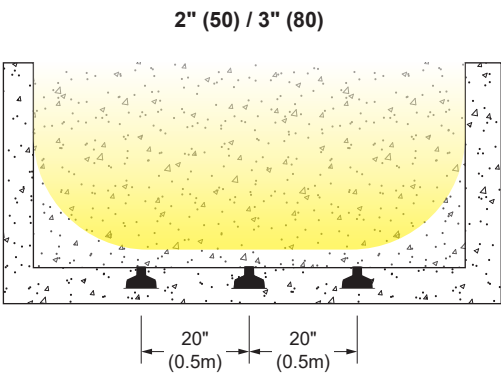


WALL WASHER INSTALLATION

SUGGESTED SURFACE DISTANCE



SUGGESTED SPACING FOR UNIFORM DISTRIBUTION

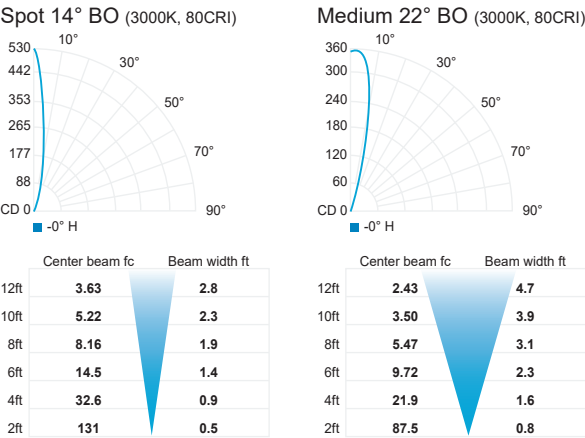


PHOTOMETRIC DATA

1" (28)

CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	1W	Spot 14°	53	53	522	ILUG28-BO-830-SP
				Medium 22°	56	56	352	ILUG28-BO-830-MD

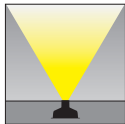
\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.



CCT options	2700K	3000K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI
Multiplier	0.97	1	1.04	1.13

## PHOTOMETRIC DATA

2" (50)



CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	1W	Light blade	9	9	117	ILUG50-BO-830-BL
				Spot 8°	79	79	1 765	ILUG50-BO-830-SP
				Spot comfort 8°	59	59	1 518	ILUG50-BO-830-SH
			3.8W	Medium 24°	338	88	1 660	ILUG50-BO-830-MD
				Medium comfort 24°	272	71	1 601	ILUG50-BO-830-MH
				Wide flood 42°	357	93	780	ILUG50-BO-830-WF
				Wide flood comfort 40°	240	63	585	ILUG50-BO-830-WH
			1W	Elliptical 68° / 12°	86	86	242	ILUG50-BO-830-EL
				Wall washer	33	33	44	ILUG50-BO-830-WW
		MO	1.4W	Spot 8°	109	77	2 444	ILUG50-MO-830-SP
				Spot comfort 8°	82	58	2 101	ILUG50-MO-830-SH
				Elliptical 68° / 12°	119	85	335	ILUG50-MO-830-EL
		HO	2W	Spot 8°	146	73	3 259	ILUG50-HO-830-SP
				Spot comfort 8°	110	55	2 802	ILUG50-HO-830-SH
				Elliptical 68° / 12°	158	79	447	ILUG50-HO-830-EL

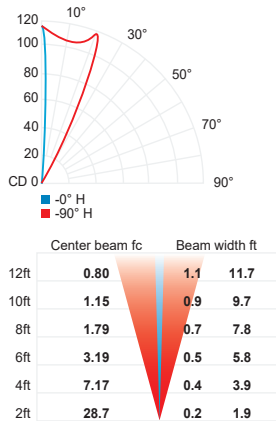
\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

CCT options	2700K	3000K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.97</b>	<b>1</b>	<b>1.04</b>	<b>1.13</b>

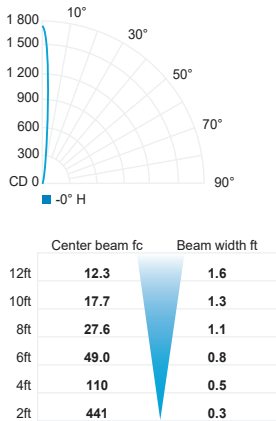


2" (50)

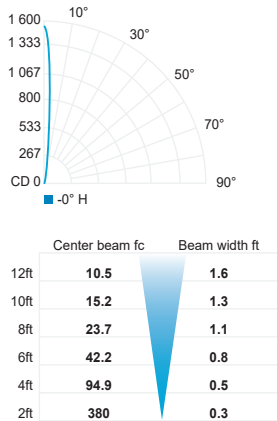
Light blade BO (3000K, 80CRI)



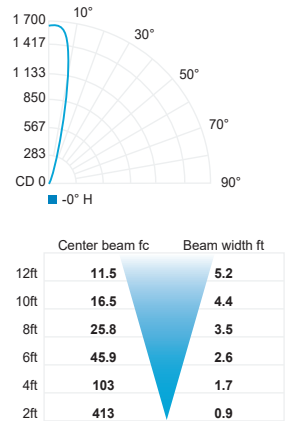
Spot 8° BO (3000K, 80CRI)



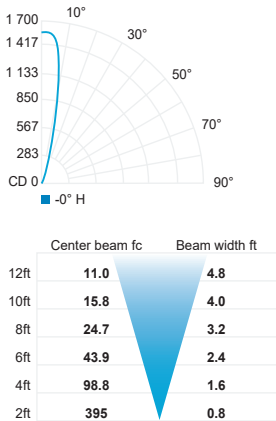
Spot comfort 8° BO (3000K, 80CRI)



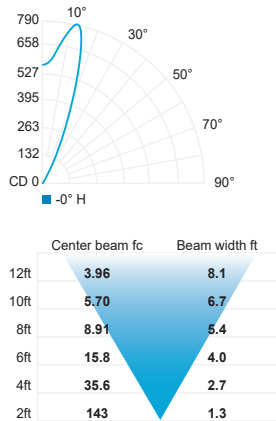
Medium 24° BO (3000K, 80CRI)



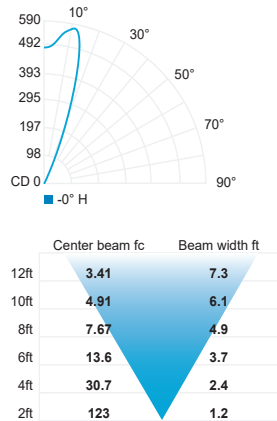
Medium comfort 24° BO (3000K, 80CRI)



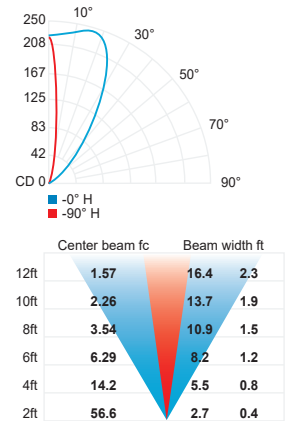
Wide flood 42° BO (3000K, 80CRI)



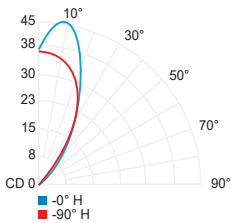
Wide flood comfort 40° BO (3000K, 80CRI)



Elliptical 68° / 12° BO (3000K, 80CRI)

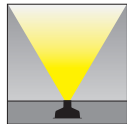


Wall washer BO (3000K, 80CRI)



## PHOTOMETRIC DATA

3" (80)



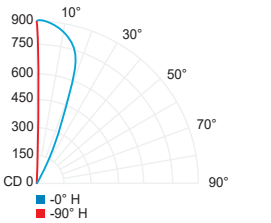
CCT (K)	CRI	OUTPUT	LOAD (W)*	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	2.9W	Light blade	31	10	897	ILUG80-BO-830-BL
			4W	Spot 8°	406	106	8 515	ILUG80-BO-830-SP
				Spot comfort 8°	310	81	7 533	ILUG80-BO-830-SH
				Flood 30°	379	99	1 421	ILUG80-BO-830-FL
				Flood comfort 28°	268	70	1 129	ILUG80-BO-830-FH
				Wide flood 50°	365	96	583	ILUG80-BO-830-WF
				Wide flood comfort 42°	230	60	523	ILUG80-BO-830-WH
				Elliptical 78° / 10°	393	103	1 108	ILUG80-BO-830-EL
		MO	3W	Wall washer	164	54	196	ILUG80-BO-830-WW
			4.2W	Light blade	41	9	1 197	ILUG80-MO-830-BL
				Spot 8°	541	98	11 353	ILUG80-MO-830-SP
			5.5W	Spot comfort 8°	413	75	10 044	ILUG80-MO-830-SH
				Flood 30°	497	90	1 865	ILUG80-MO-830-FL
				Flood comfort 28°	352	64	1 482	ILUG80-MO-830-FH
				Wide flood 50°	357	93	766	ILUG80-MO-830-WF
				Wide flood comfort 42°	302	54	686	ILUG80-MO-830-WH
				Elliptical 78° / 10°	524	95	1 477	ILUG80-MO-830-EL
			4.2W	Wall washer	218	51	261	ILUG80-MO-830-WW

\*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

CCT options	2700K	3000K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.97</b>	<b>1</b>	<b>1.04</b>	<b>1.13</b>

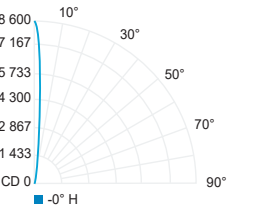
3" (80mm)

Light blade BO (3000K, 80CRI)



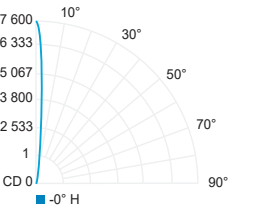
	Center beam fc	Beam width ft
12ft	6.14	9.5 0.5
10ft	8.84	7.9 0.4
8ft	13.8	6.3 0.4
6ft	24.6	4.8 0.3
4ft	55.3	3.2 0.2
2ft	221	1.6 0.1

Spot 8° BO (3000K, 80CRI)



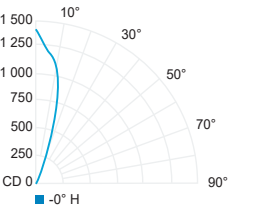
	Center beam fc	Beam width ft
12ft	59.1	1.9
10ft	85.2	1.5
8ft	133	1.2
6ft	237	0.9
4ft	332	0.6
2ft	2 129	0.3

Spot comfort 8° BO (3000K, 80CRI)



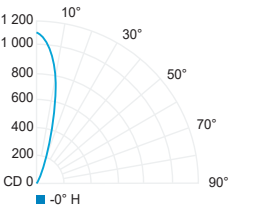
	Center beam fc	Beam width ft
12ft	52.3	1.8
10ft	75.3	1.5
8ft	118	1.2
6ft	209	0.9
4ft	171	0.6
2ft	1 883	0.3

Flood 30° BO (3000K, 80CRI)



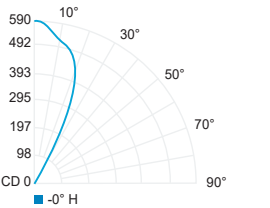
	Center beam fc	Beam width ft
12ft	9.87	6.6
10ft	14.2	5.5
8ft	22.2	4.4
6ft	39.5	3.3
4ft	88.8	2.2
2ft	355	1.1

Flood comfort 28° BO (3000K, 80CRI)



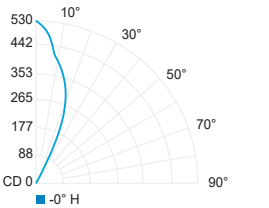
	Center beam fc	Beam width ft
12ft	7.84	6.1
10ft	11.3	5.0
8ft	17.6	4.0
6ft	31.4	3.0
4ft	70.6	2.0
2ft	282	1.0

Wide flood 50° BO (3000K, 80CRI)



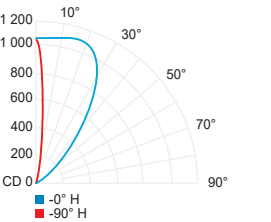
	Center beam fc	Beam width ft
12ft	4.05	11.3
10ft	5.84	9.4
8ft	9.12	7.5
6ft	16.2	5.7
4ft	36.8	3.6
2ft	146	1.9

Wide flood comfort 42° BO (3000K, 80CRI)



	Center beam fc	Beam width ft
12ft	3.62	8.8
10ft	5.22	7.4
8ft	8.15	5.9
6ft	14.5	4.4
4ft	32.6	2.9
2ft	130	1.5

Elliptical 78° / 10° BO (3000K, 80CRI)



	Center beam fc	Beam width ft
12ft	7.43	19.3 2.3
10ft	10.7	16.1 1.9
8ft	16.7	12.8 1.5
6ft	29.7	9.6 1.2
4ft	66.9	6.4 0.8
2ft	267	3.2 0.4

Wall washer BO (3000K, 80CRI)

