

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:

ILUG28: 90% of initial lumens at 100 000 hours (L90)
ILUG50: 80% of initial lumens at 99 000 hours (L80)
ILUG80: 80% of initial lumens at 98 000 hours (L80)

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 3-9.

Finish:

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

Weight:

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

Load capacity:

4 409lbs (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:

IP68, IK07

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" (28mm)	BO Base output	827 2700K, 80CRI	BL ^{2 3} Light blade	REM Remote	13 Stainless steel	13 Stainless steel	
50 2" (50mm)	MO ^{1 2} Medium output	830 3000K, 80CRI	SP ^{1 2 4} Spot - 28mm (14°) - 50mm (8°) - 80mm (8°)		14 Gold / brass	14 Gold / brass	
80 3" (80mm)	HO ¹ High output	835 3500K, 80CRI	SH ^{1 2} Spot Comfort - 50mm (8°) - 80mm (6°)		69 Bronze	69 Bronze	
			MD ^{3 4} Medium - 28mm (22°) - 50mm (24°)		E6 Burnished chrome	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 (40°) - 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.

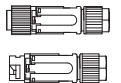
MOUNTING ACCESSORIES (TO BE ORDERED SEPARATELY)

- ☐ **IX489-XX** - Polypropylene recessed back box for in-ground installation for **ILUF28** Ø5⁵/₁₆" x 4⁵/₁₆" (Ø135 x 109mm)
- ☐ **IX490-XX** - Polypropylene recessed back box for in-ground installation for **ILUF50** Ø6¹/₂" x 4¹⁵/₁₆" (Ø165 x 125mm)
- ☐ **IX491-XX** - Polypropylene recessed back box for in-ground installation for **ILUF80** Ø7⁷/₁₆" x 4³/₄" (Ø186 x 120mm)
- ☐ **9583** - Suction cup for fixture removal



WATERPROOF IP68 FIELD CONNECTOR For 0.25" - 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

DRIVER CODE

Outdoor rated drivers

Driver box model	Min-max units								
	ILUF28	ILUF50				ILUF80			
	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		
4548-0350-017-UNV-D10						2-5			
4548-0350-019-UNV-ED10	1-17	1-17	1-4			1-5	1-4		
4548-0350-019-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				
4548-0700-030-UNV-ED10					1-12				
4548-0700-030-UNV-SD10					1-12				

Indoor rated drivers

Driver box model	Min-max units								
	ILUF28	ILUF50				ILUF80			
	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).

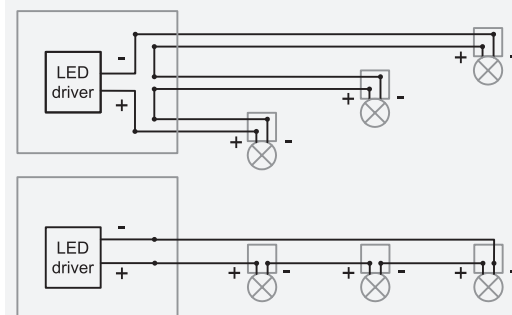
Driver code example

XXXX	-XXXX	-XXX	-XXX	-XXX
MODEL	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4443 5" x 4" x 3" (127 x 102 x 76mm)	0350 350mA	006 to 030 6W to 30W	120 120V	D10 0-10V Max distance: 9m (30ft)* (down to 10%)
4444 6" x 4" x 3" (152 x 102 x 76mm)	0500 500mA		UNV 120-277V	D2 Lutron Hi Lume® 1% EcoSystem™ (Soft-on, Fade to Black) Max distance: 9m (30ft)* (down to 1%)
4450 8" x 8" x 4" (203 x 203 x 102mm)	0700 700mA			ED10 0-10V ELDOLED ECOdrive Max distance: 36m (118ft)* (down to 1%)
4548 6" x 4.5" x 3" (152 x 114 x 76mm)				SD10 0-10V ELDOLED SOLOdrive Max distance: 36m (118ft)* (down to 0.1%)
4549 14.5" x 5" x 3.5" (368 x 127 x 89mm)				LTE Leading edge and trailing edge (ELV and TRIAC) Max distance: 100m (330ft)* (down to 15%)

*Max distance cable calculated for 16AWG cable. Contact customer service for longer remote distance.

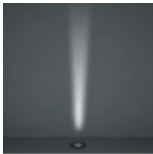
WIRING DIAGRAMS

Multiple luminaires must be connected in series (home run or fixture chain)



FAMILY OVERVIEW

1" (28mm)

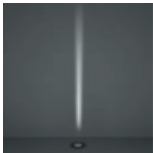


Spot (14°)

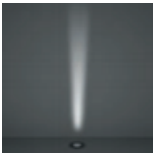


Medium (22°)

2" (50mm)



Light blade



Spot (8°)*



Medium (24°)*



Wide flood (42°)*

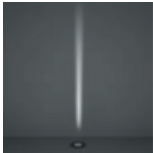
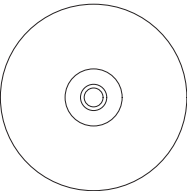


Elliptical

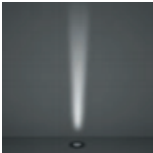


Wall washer

3" (80mm)



Light blade



Spot (8°)*



Flood (30°)*



Wide flood (50°)*



Elliptical

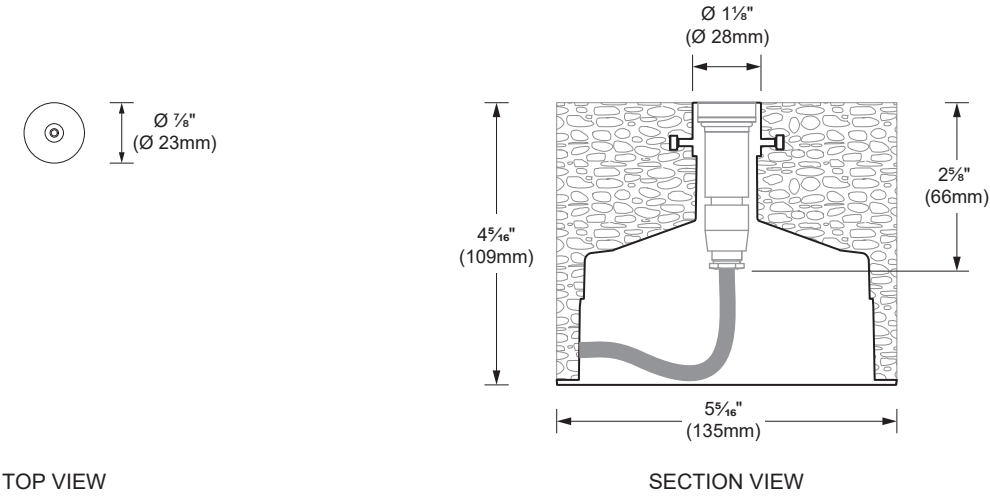


Wall washer

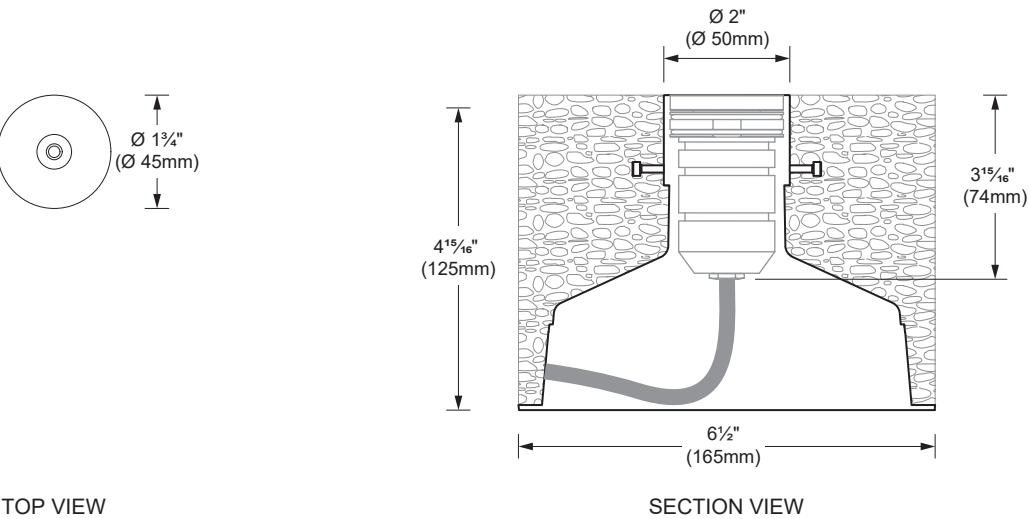
* Optics also offered in Comfort version with honeycomb louver. See photometric information (page 7-11).

DIMENSIONS

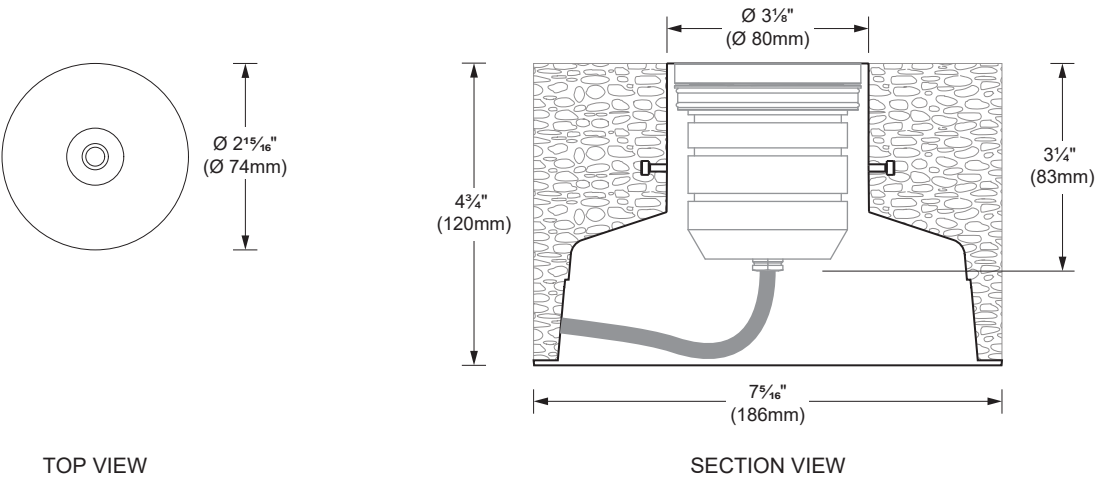
1" (28mm)



2" (50mm)



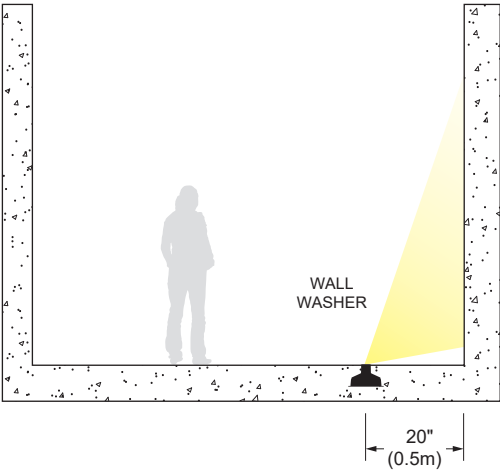
3" (80mm)



WALL WASHER INSTALLATION

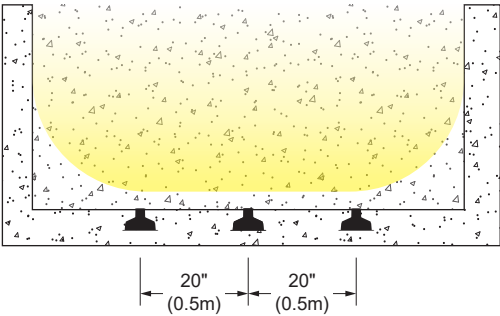
SUGGESTED SURFACE DISTANCE

2" (50mm) / 3" (80mm)



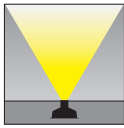
SUGGESTED SPACING FOR UNIFORM DISTRIBUTION

2" (50mm) / 3" (80mm)



PHOTOMETRIC DATA

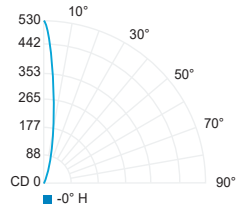
1" (28mm)



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

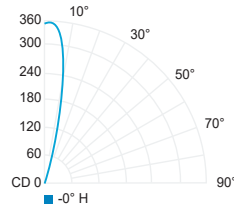
*For products that uses a remote led driver, total system wattage will varies according to the efficacy of the remote led driver selected. For this reason, the load and efficacy values given in the table above refers to the led source only and does not include the led driver consumption.

Spot 14° BO (3000K, 80CRI)



Center beam fc	Beam width ft
12ft	3.63
10ft	5.22
8ft	8.16
6ft	14.5
4ft	32.6
2ft	131

Medium 22° BO (3000K, 80CRI)

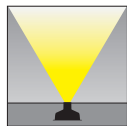


Center beam fc	Beam width ft
12ft	2.43
10ft	3.50
8ft	5.47
6ft	9.72
4ft	21.9
2ft	87.5

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

PHOTOMETRIC DATA

2" (50mm)



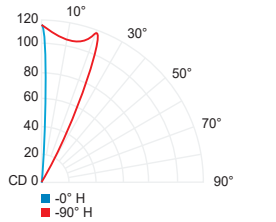
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	1W	Light blade	9	9	117	ILUG50-BO-830-BL
				Spot 8°	79	79	1 765	ILUG50-BO-830-SP
				Spot comfort 8°	59	59	1 518	ILUG50-BO-830-SH
			3.8W	Medium 24°	338	88	1 660	ILUG50-BO-830-MD
				Medium comfort 24°	272	71	1 601	ILUG50-BO-830-MH
				Wide flood 40°	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
Multiplier	1	1	1.04	1.13

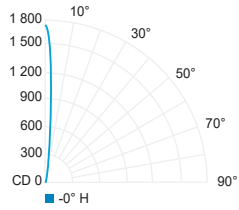
2" (50mm)

Light blade BO (3000K, 80CRI)



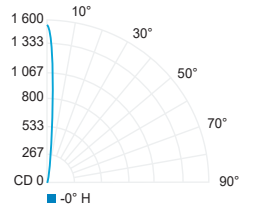
	Center beam fc	Beam width ft
12ft	0.80	1.1 11.7
10ft	1.15	0.9 9.7
8ft	1.79	0.7 7.8
6ft	3.19	0.5 5.8
4ft	7.17	0.4 3.9
2ft	28.7	0.2 1.9

Spot 8° BO (3000K, 80CRI)



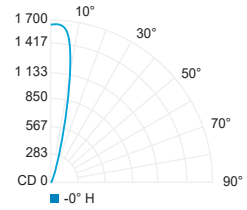
	Center beam fc	Beam width ft
12ft	12.3	1.6
10ft	17.7	1.3
8ft	27.6	1.1
6ft	49.0	0.8
4ft	110	0.5
2ft	441	0.3

Spot comfort 8° BO (3000K, 80CRI)



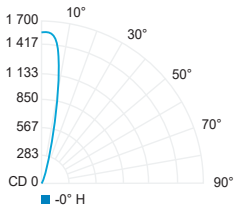
	Center beam fc	Beam width ft
12ft	10.5	1.6
10ft	15.2	1.3
8ft	23.7	1.1
6ft	42.2	0.8
4ft	94.9	0.5
2ft	380	0.3

Medium 24° BO (3000K, 80CRI)



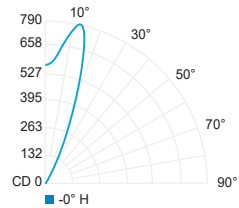
	Center beam fc	Beam width ft
12ft	11.5	5.2
10ft	16.5	4.4
8ft	25.8	3.5
6ft	45.9	2.6
4ft	103	1.7
2ft	413	0.9

Medium comfort 24° BO (3000K, 80CRI)



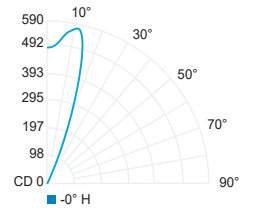
	Center beam fc	Beam width ft
12ft	11.0	4.8
10ft	15.8	4.0
8ft	24.7	3.2
6ft	43.9	2.4
4ft	98.8	1.6
2ft	395	0.8

Wide flood 40° BO (3000K, 80CRI)



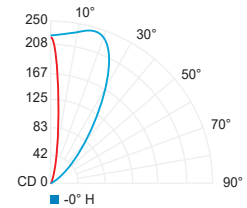
	Center beam fc	Beam width ft
12ft	3.96	8.1
10ft	5.70	6.7
8ft	8.91	5.4
6ft	15.8	4.0
4ft	35.6	2.7
2ft	143	1.3

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



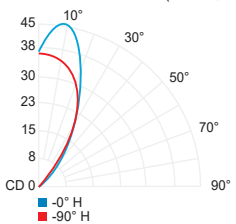
	Center beam fc	Beam width ft
12ft	3.41	7.3
10ft	4.91	6.1
8ft	7.67	4.9
6ft	13.6	3.7
4ft	30.7	2.4
2ft	123	1.2

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



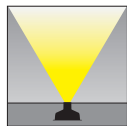
	Center beam fc	Beam width ft
12ft	1.57	16.4 2.3
10ft	2.26	13.7 1.9
8ft	3.54	10.9 1.5
6ft	6.29	8.2 1.2
4ft	14.2	5.5 0.8
2ft	56.6	2.7 0.4

Wall washer BO (3000K, 80CRI)



PHOTOMETRIC DATA

3" (80mm)



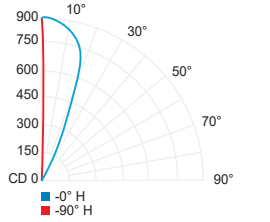
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	2.9W	Light blade	31	10	897	ILUG80-BO-830-BL
			3.8W	Spot 8°	406	106	8 515	ILUG80-BO-830-SP
				Spot comfort 8°	310	81	7 533	ILUG80-BO-830-SH
				Flood 30°	379	99	1 421	ILUG80-BO-830-FL
				Flood comfort 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
			5.5W	Spot 8°	541	98	11 353	ILUG80-MO-830-SP
				Spot comfort 8°	413	75	10 044	ILUG80-MO-830-SH
				Flood 30°	497	90	1 865	ILUG80-MO-830-MD
				Flood comfort 28°	352	64	1 482	ILUG80-MO-830-MH
				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
Multiplier	1	1	1.04	1.13

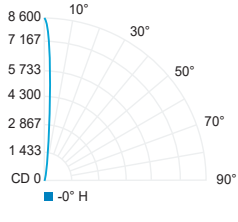
3" (80mm)

Light blade BO (3000K, 80CRI)



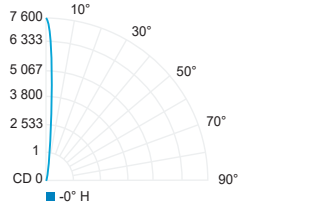
	Center beam fc	Beam width ft
12ft	6.14	9.5 0.5
10ft	8.84	7.9 0.4
8ft	13.8	6.3 0.4
6ft	24.6	4.8 0.3
4ft	55.3	3.2 0.2
2ft	221	1.6 0.1

Spot 8° BO (3000K, 80CRI)



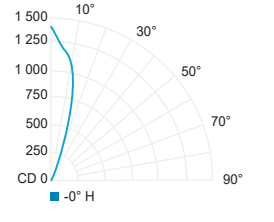
	Center beam fc	Beam width ft
12ft	59.1	1.9
10ft	85.2	1.5
8ft	133	1.2
6ft	237	0.9
4ft	332	0.6
2ft	2 129	0.3

Spot comfort 8° BO (3000K, 80CRI)



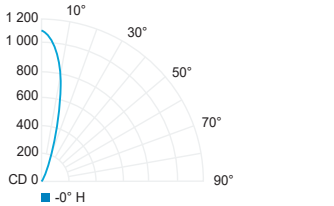
	Center beam fc	Beam width ft
12ft	52.3	1.8
10ft	75.3	1.5
8ft	118	1.2
6ft	209	0.9
4ft	171	0.6
2ft	1 883	0.3

Flood 30° BO (3000K, 80CRI)



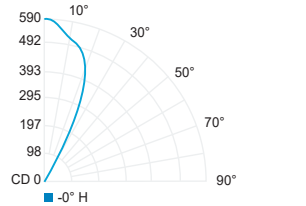
	Center beam fc	Beam width ft
12ft	9.87	6.6
10ft	14.2	5.5
8ft	22.2	4.4
6ft	39.5	3.3
4ft	88.8	2.2
2ft	355	1.1

Flood comfort 28° BO (3000K, 80CRI)



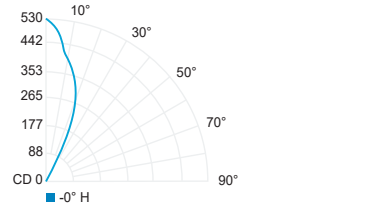
	Center beam fc	Beam width ft
12ft	7.84	6.1
10ft	11.3	5.0
8ft	17.6	4.0
6ft	31.4	3.0
4ft	70.6	2.0
2ft	282	1.0

Wide flood 50° BO (3000K, 80CRI)



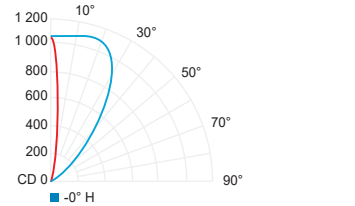
	Center beam fc	Beam width ft
12ft	4.05	11.3
10ft	5.84	9.4
8ft	9.12	7.5
6ft	16.2	5.7
4ft	36.8	3.6
2ft	146	1.9

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)

