

Agorà embodies its dual function in its very name. An architectural spotlight created for installation not necessarily in squares as such but in all urban places, or meeting places, in our cities, towns or neighbourhoods. The Greek word "agorà" means to gather, to summon so that Agorà becomes a tool bringing life to cities, offering citizens and people light for meeting and living well while feeling safe in the streets and squares of our cities.

Luminaire characteristic: Power input system: 33.3W to 307.2W
Lumens system for 3000K, 80CRI: 2512 to 40 744lm
Luminaire efficacy for 3000K, 80CRI: Up to 132lm/W

Source: White LED (LM-80),
2200K: 80CRI, (65CRI, for LC model)
2700K: 80CRI,
3000K: 80CRI,
3500K: 80CRI, (90CRI, SS optic only)
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)

Optic: Available in super spot, spot, medium, flood, wide flood, very wide flood and wall washer optics. Full line of professional accessories (page 5)

Material: Optical body, accessory holder ring and driver housing: Die-cast aluminum;
Optic diffuser: PMMA;
Optic reflector: Aluminium;
Protective screen: 3/16" (4mm) thick extra-clear sodium-calcium closure glass. Mounting bracket: Steel.

Mounting: Vertical or horizontal surface and pole mount with included mounting bracket. See all mounting accessories on page 3. Supplied with 59' (1.5m) of power cable. SJOOW 5/18AWG power cable.

Adjustment: Bracket can be rotated up to 70° on the horizontal plane (see instruction sheet for details on adjustment). Optical body can be tilted up to 180° or 220° (see p.9)

Electrical: High efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V.

Dimming: 0-10V (120-277V), down to 10%.

Finish: Black (RAL9005), gray (RAL9007), rust brown (RAL8017) or white (RAL9016), painted finish with a high level of weather and UV resistance. The coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.

Operating temperature: HE: -30°C to 50°C (-22°F to 122°F);
BO: -30°C to 50°C (-22°F to 122°F);
BO for SM: -30°C to 35°C (-22°F to 95°F);
HO: -30°C to 35°C (-22°F to 95°F);
HO for SM: -30°C to 50°C (-22°F to 122°F);
VHO: -30°C to 35°C (-22°F to 95°F);

Weight: NM - mini Ø10" 15.87lb (7.2kg)
SM - small Ø12.5" 21.05lb (9.55kg)
MM - medium Ø14.5" 31.66lb (14.36kg)
LM - large Ø20.5" 49.55lb (22.48kg)
LC - large Ø20.5" 49.6lb (22.66kg)

Warranty: 5 year limited warranty.

Ratings: IP66, IK08

Certification: cULus listed for wet location.



ORDERING INFO

PRODUCT CODE



MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
IAGR With standard bracket	NM Mini Ø10" (254mm)	HE 1 High efficiency	822 2 2200K, 80CRI	SS 5 Super spot - Mini (5°) - Small (4°) - Medium (4°) - Large (4°)	UNV 120-277V	01 White	D10 0-10V
	SM Small Ø12.5" (313mm)	BO Base output	827 2700K, 80CRI	SP 6 Spot - Mini (14°) - Small (16°) - Medium (16°) - Large (16°)		02 Black	
	MM Medium Ø14.5" (368mm)	HO High output	830 3000K, 80CRI	FL Flood - Mini (30°) - Small (30°) - Medium (30°) - Large (28°) - Large LC (36°)		15 Gray	
	LM Large Ø20.5" (516mm)	VHO 1 Very High output	835 3 3500K, 80CRI	WF 6 7 Wide Flood - Mini (40°) - Small (50°) - Medium (44°) - Large (44°) - Large LC (46°)		F5 Rust brown	
	LC Large Ø20.5" (516mm), COB		840 4000K, 80CRI	VWF 7 Very Wide Flood - Large LC (78°)			
			935 4 3500K, 90CRI	WW 8 Wall Washer - Mini - Small			
			622 7 2200K, 65CRI				

To select accessories see page 3 to 4

- 1 Available for small (SM) model. Also available for large (LM) model with super spot (SS) optic.
- 2 Not available for spot (SP) and wide flood (WF) optics. Not available for large COB (LC) model.
- 3 Not available for super spot (SS) optics.
- 4 Only available for super spot (SS) optics.
- 5 Available for mini (NM) model.
Available for small (SM) model with high (HO) or very high (VHO) outputs.
Available for medium (MM) model.
Available for large (LM) model.
- 6 Available for mini (NM), small (SM) and medium (MM) models. Also available for large (LM) model with base (BO) or high (HO) outputs.
- 7 Available for large COB (LC) model.
- 8 Available for mini (NM) and small (SM) model.

POLE-MOUNTED ACCESSORIES²

(TO BE ORDERED SEPARATELY)

For available configuration and details on installation, consult the instruction sheet.

01 - White 02 - Black 15 - Gray F5 - Rust brown



		MECHANICAL ACCESSORIES				
		NM - Mini Ø10" (Ø254mm)	SM - Small Ø12.5" (Ø313mm)	MM - Medium Ø14.5" (Ø368mm)	LM - Large Ø20.5" (Ø516mm)	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
POLE INSTALLATION WITH ARMS						
<p>Arm for 1/2 floodlights¹</p> <p>Length 19 1/4" (488mm) Weight 11.11lb (5.04kg) EPA 0.33ft² (0.031m²)</p>		IX568 <input type="checkbox"/>	IX568 <input type="checkbox"/>	IX568 <input type="checkbox"/>		
<p>Arm for 2/4 floodlights¹</p> <p>Length 37 1/4" (946mm) Weight 18.14lb (8.23kg) EPA 0.64ft² (0.060m²)</p>		IX570 <input type="checkbox"/>	IX570 <input type="checkbox"/>	IX570 <input type="checkbox"/>	IX570 <input type="checkbox"/>	
<p>Counter flange¹</p> <p>Weight 4.76lb (2.16kg) EPA 0.064ft² (0.006m²)</p>		I6161 <input type="checkbox"/>	I6161 <input type="checkbox"/>	I6161 <input type="checkbox"/>	I6161 <input type="checkbox"/>	
MANDATORY ADAPTOR WITH ARM IX568 / IX570						
IX657 For up side application	IX658 ² 	IX572 For down side application	IX657 <input type="checkbox"/> UP	IX572 <input type="checkbox"/> DOWN	IX657 <input type="checkbox"/> UP	IX658 <input type="checkbox"/> UP
POLE INSTALLATION WITH FLANGES						
<p>Flange for 1 floodlight¹</p> <p>Weight 1.98lb (0.9kg) EPA 0.13ft² (0.013m²)</p>		I6111 <input type="checkbox"/>	I6111 <input type="checkbox"/>	I6111 <input type="checkbox"/>		
<p>Flange for 2 floodlights¹</p> <p>Weight 2.20lb (1kg) EPA 0.13ft² (0.013m²)</p>		I6112 <input type="checkbox"/>	I6112 <input type="checkbox"/>	I6112 <input type="checkbox"/>		
<p>Minimal flange¹</p> <p>Pole must have threaded hole to hold minimal flange IX738. See instruction sheet for threading information.</p>		IX738 <input type="checkbox"/>	IX738 <input type="checkbox"/>	IX738 <input type="checkbox"/>	IX738 <input type="checkbox"/>	
MANDATORY ADAPTOR FOR MINIMAL FLANGE IX738						
					IX739 <input type="checkbox"/>	
MULTI SUPPORT						
<p>I6014 - For 2 floodlights 37 1/8 x 9 1/4 x 5 1/2" (962 x 236 x 141mm)</p>		I6014 <input type="checkbox"/>	I6015 <input type="checkbox"/>	I6014 <input type="checkbox"/>	I6015 <input type="checkbox"/>	
<p>I6015 - For 3 floodlights 61 1/4 x 9 1/4 x 5 1/2" (1560 x 236 x 141mm)</p>						

¹ Pole Ø: 4" (102mm). Consult instruction sheet for more layouts.
² Need a IX562 connector for every pole mounted fixture.

POLE Ø4" (Ø 102mm)
(To be ordered separately)



SUPPLIED BY OTHER
CONTACT FACTORY FOR POLE SPECIFICATION

HEIGHT: _____ FT

MODEL: Straight

INSTALLATION: Anchor bolts

ACCESS DOOR: Included (3' from ground)

- MATERIAL: Aluminum
 Galvanized steel
- FINISH: 01 - White RAL9016
 02 - Black RAL9005
 15 - Gray RAL9007
 F5 - Rust brown RAL8017
 Custom RAL

MODELS	EPA*
NM - Mini Ø10" (Ø254mm)	0,83ft ² (0,078m ²)
SM - Small Ø12.5" (Ø313mm)	1,25ft ² (0,116 m ²)
MM - Medium Ø14.5" (Ø368mm)	1,82ft ² (0,169m ²)
LM - Large Ø20.5" (Ø516mm)	3,11ft ² (0,289m ²)
LC - Large Ø20.5" (Ø516mm)	3,26ft ² (0,303m ²)

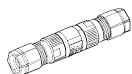
* Calculated with cylindrical screen.
To have the total EPA, add all the value EPA items in composition

CONNECTION ACCESSORIES
(TO BE ORDERED SEPARATELY)

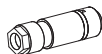
For available configuration and details on installation, consult the instruction sheet

IP68 CONNECTION KIT
For 0.31-0.67" (8-17mm) cable, 16-14 AWG conductors
No finish available

IX562 - 5 poles male + female connector, 250/400V.



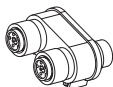
IX560 - 5 poles femelle connector, 250/400V.



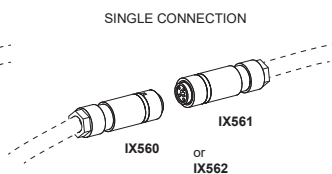
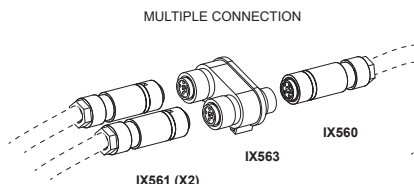
IX561 - 5 poles male connector with end cap, 250/400V.



IX563 - Distributor block, 250/400V.
(1x male in / 2x female out)












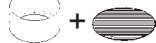
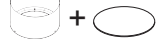


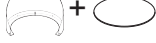

4543-00 - Connection box



ACCESSORIES (TO BE ORDERED SEPARATELY)

For installation, consult the instruction sheet



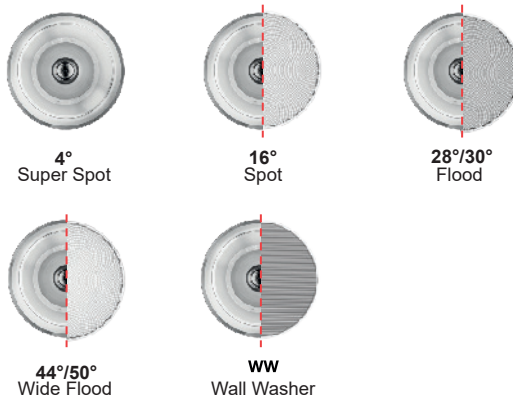
ACCESSORIES	NM - Mini Ø10" (Ø254mm)	SM - Small Ø12.5" (Ø313mm)	MM - Medium Ø14.5" (Ø368mm)	LM - Large Ø20.5" (Ø516mm)	LC - Large Ø20.5" (Ø516mm)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EXTERNAL 1 MAX					
Protection Grid (for IK10) (Stainless steel) 	IX722 <input type="checkbox"/>	IX496 <input type="checkbox"/>	IX502 <input type="checkbox"/>	IX508 <input type="checkbox"/>	IX508 ² IPC70 ³ <input type="checkbox"/> <input type="checkbox"/>
Cylindrical screen (black) 	IX723 <input type="checkbox"/>	IX497 <input type="checkbox"/>	IX503 <input type="checkbox"/>	IX509 <input type="checkbox"/>	IX509 <input type="checkbox"/>
Cylindrical screen 30°/45° (black) 	IX724 <input type="checkbox"/>	IX498 <input type="checkbox"/>	IX504 <input type="checkbox"/>	IX510 <input type="checkbox"/>	IX510 <input type="checkbox"/>
INTERNAL 1 MAX					
Refractor for elliptical distribution 	IX726 ¹ <input type="checkbox"/>	IX500 ¹ <input type="checkbox"/>	IX506 <input type="checkbox"/>	IX512 <input type="checkbox"/>	IX514 ³ <input type="checkbox"/>
Diffusing glass 	IX727 ¹ <input type="checkbox"/>	IX501 ¹ <input type="checkbox"/>	IX507 <input type="checkbox"/>	IX513 <input type="checkbox"/>	IPC69 ³ <input type="checkbox"/>
Longitudinal Louvre (black) 	IX725 ¹ <input type="checkbox"/>	IX499 ¹ <input type="checkbox"/>	IX505 <input type="checkbox"/>	IX511 <input type="checkbox"/>	
COMBINATION					
	IX722 + IX726 ¹ <input type="checkbox"/>	IX496 + IX500 ¹ <input type="checkbox"/>	IX502 + IX506 <input type="checkbox"/>	IX508 + IX512 <input type="checkbox"/>	IPC70 + IX514 ³ <input type="checkbox"/>
	IX722 + IX727 ¹ <input type="checkbox"/>	IX496 + IX501 ¹ <input type="checkbox"/>	IX502 + IX507 <input type="checkbox"/>	IX508 + IX513 <input type="checkbox"/>	IPC70 + IPC69 ³ <input type="checkbox"/>
	IX722 + IX725 ¹ <input type="checkbox"/>	IX496 + IX499 ¹ <input type="checkbox"/>	IX502 + IX505 <input type="checkbox"/>	IX508 + IX511 <input type="checkbox"/>	
	IX723 + IX726 ¹ <input type="checkbox"/>	IX497 + IX500 ¹ <input type="checkbox"/>	IX503 + IX506 <input type="checkbox"/>	IX509 + IX512 <input type="checkbox"/>	IX509 + IX514 ³ <input type="checkbox"/>
	IX723 + IX727 ¹ <input type="checkbox"/>	IX497 + IX501 ¹ <input type="checkbox"/>	IX503 + IX507 <input type="checkbox"/>	IX509 + IX513 <input type="checkbox"/>	IX509 + IPC69 ³ <input type="checkbox"/>
	IX723 + IX725 ¹ <input type="checkbox"/>	IX497 + IX499 ¹ <input type="checkbox"/>	IX503 + IX505 <input type="checkbox"/>	IX509 + IX511 <input type="checkbox"/>	
	IX724 + IX726 ¹ <input type="checkbox"/>	IX498 + IX500 ¹ <input type="checkbox"/>	IX504 + IX506 <input type="checkbox"/>	IX510 + IX512 <input type="checkbox"/>	IX510 + IX514 ³ <input type="checkbox"/>
	IX724 + IX727 ¹ <input type="checkbox"/>	IX498 + IX501 ¹ <input type="checkbox"/>	IX504 + IX507 <input type="checkbox"/>	IX510 + IX513 <input type="checkbox"/>	IX510 + IPC69 ³ <input type="checkbox"/>
	IX724 + IX725 ¹ <input type="checkbox"/>	IX498 + IX499 ¹ <input type="checkbox"/>	IX504 + IX505 <input type="checkbox"/>	IX510 + IX511 <input type="checkbox"/>	

¹ Not available for wall washer version

² Available for large (LC) very wide flood (VWF) optics.

³ Available for large (LC) with flood (FL) and wide flood (WF) optics.

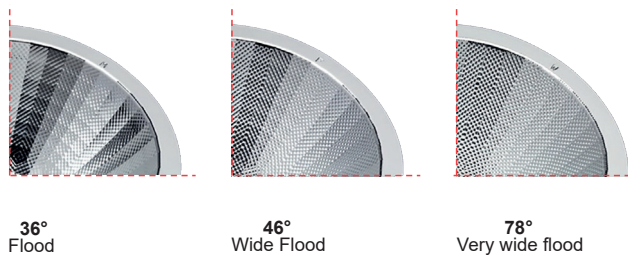
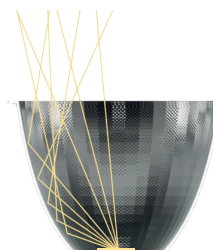
OPTI BEAM LENS + REFRACTORS



LUMEN MAINTENANCE

	NM - MINI Ø10" (254mm)	SM - SMALL Ø12.5" (313mm)	MM - MEDIUM Ø14.5" (368mm)	LM - LARGE Ø20.5" (516mm)
L90- B10 (ta 25°C (77°F))	>100 000h	>100 000h	>100 000h	>100 000h
L90- B10 (ta 40°C (104°F))	>100 000h	>100 000h	>100 000h	>100 000h

OPTI BEAM REFLECTOR



LUMEN MAINTENANCE

	LC - LARGE Ø20.5" (516mm)	LC - LARGE(2200, 65CRI) Ø20.5" (516mm)
L80- B10 (ta 25°C (77°F))	>100 000h	
L80- B10 (ta 40°C (104°F))	>100 000h	
L80- B10 (ta 25°C (77°F))		>100 000h
L80- B10 (ta 40°C (104°F))		>86 000h

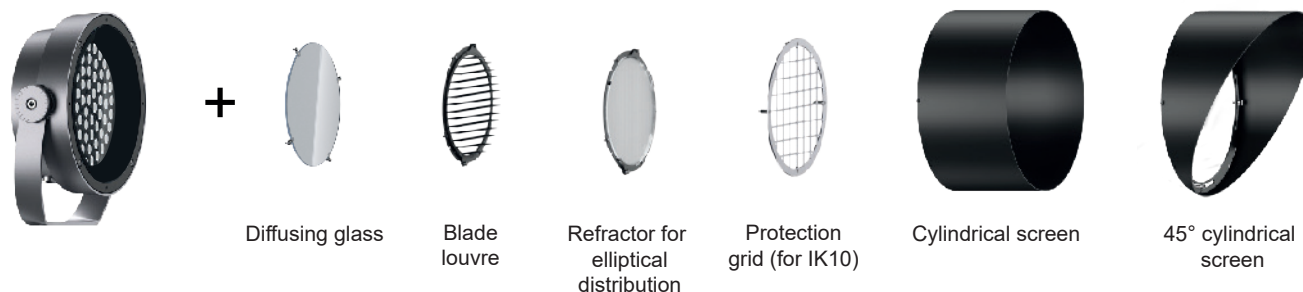
PROFESSIONAL OPTICS

Agorà Life to City **iGuzzini**

SS	SP	FL	WF	VWF	WW
SS+E	SP+E	FL+E	6 Primary Optics 3 Optic combinations with refractor for elliptical distribution (SS, SP, MD/FL) 5 Optic combinations with diffuser glass (SS, SP, MD/FL, WF) 14 Total Optics combinations		
SS+D	SP+D	FL+D			

D: Diffusing glass E: Refractor for elliptical distribution

PROFESSIONAL ACCESSORIES



FAMILY OVERVIEW



NM - MINI
Ø10" (Ø254mm)



SUPER SPOT 4°
SPOT 16°
FLOOD 30°



WIDE FLOOD 50°
WALL WASHER 50°



SM - SMALL
Ø12.5" (Ø313mm)



SUPER SPOT 4°
SPOT 16°
FLOOD 30°



WIDE FLOOD 50°
WALL WASHER 50°



MM - MEDIUM
Ø14.5" (Ø368mm)



SUPER SPOT 4°
SPOT 16°
FLOOD 30°



WIDE FLOOD 44°



LM - LARGE
Ø20.5" (Ø516mm)



SUPER SPOT 4°
SPOT 16°
FLOOD 28°



WIDE FLOOD 44°



LC - LARGE
Ø20.5" (Ø516mm)



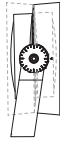
FLOOD 36°
WIDE FLOOD 46°
VERY WIDE FLOOD 78°

DIMENSIONS

Bracket is included. For adjustment details, consult instruction sheet.

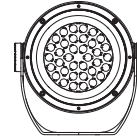
NM - MINI
Ø10" (Ø254mm)

4³/₄"
(121mm)



180°
180°

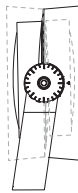
11³/₈"
(289mm)



11⁷/₈"
(303mm)

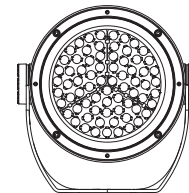
SM - SMALL
Ø12.5" (Ø313mm)

4⁷/₈"
(125mm)



180°
180°

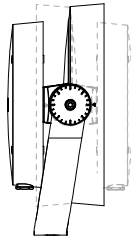
13⁵/₈"
(345mm)



14¹/₄"
(363mm)

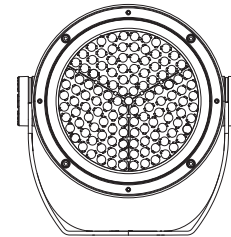
MM - MEDIUM
Ø14.5" (Ø368mm)

6⁷/₈"
(175mm)



180°
180°

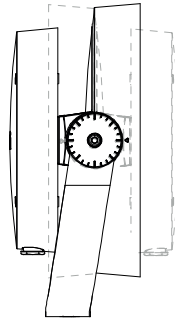
15⁷/₈"
(406mm)



16¹/₂"
(421mm)

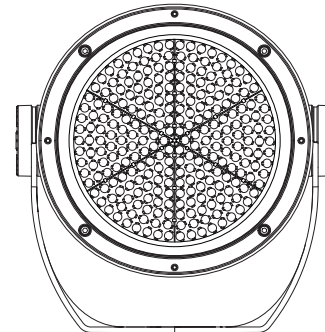
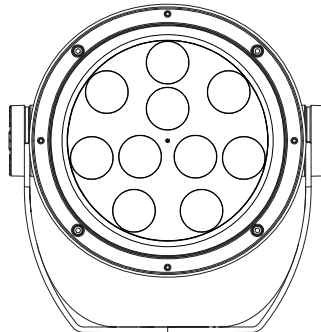
LC / LM - LARGE
Ø20.5" (Ø516mm)

7⁷/₈"
(202mm)



180°
180°

22"
(557mm)

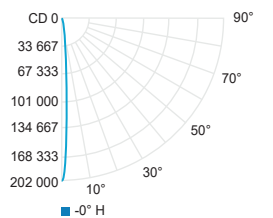


22¹/₂"
(571mm)

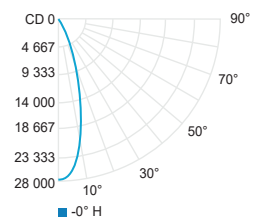
PHOTOMETRIC DATA
NM - MINI Ø10" (Ø254mm)

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	37.7W	Super spot 4°	2 513	67	201 549	IAGR-NM-BO-830-SS
				Spot 16°	3 388	101	27 469	IAGR-NM-BO-830-SP
			33.3W	Flood 30°	3 344	100	10 714	IAGR-NM-BO-830-FL
				Wide flood 50°	3 256	98	4 152	IAGR-NM-BO-830-WF
				Wall washer	2 728	31	2 524	IAGR-NM-BO-830-WW
		HO	42.2W	Super spot 4°	2 775	66	222 606	IAGR-NM-HO-830-SS
				Spot 16°	4 120	100	33 399	IAGR-NM-HO-830-SP
			41W	Flood 30°	4 066	99	13 027	IAGR-NM-HO-830-FL
				Wide flood 50°	3 959	96	5 048	IAGR-NM-HO-830-WF
				Wall washer	3 317	81	3 069	IAGR-NM-HO-830-WW

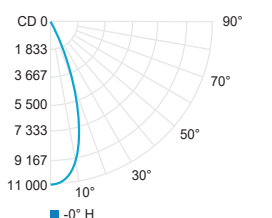
BO Super spot 4° (3000K, 80CRI)



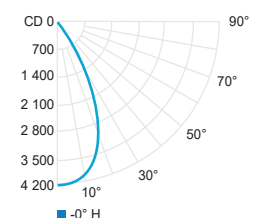
BO Spot 16° (3000K, 80CRI)



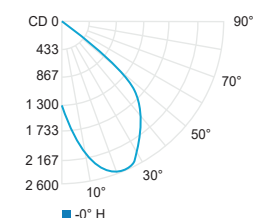
BO Flood 30° (3000K, 80CRI)



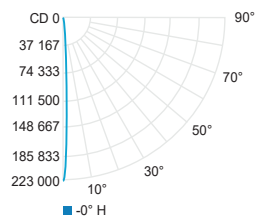
BO Wide flood 50° (3000K, 80CRI)



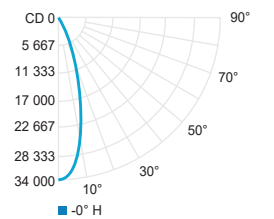
BO Wall washer (3000K, 80CRI)



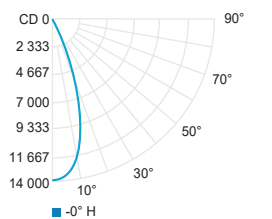
HO Super spot 4° (3000K, 80CRI)



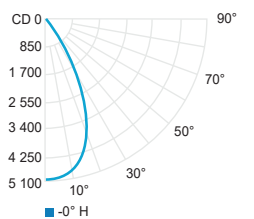
HO Spot 16° (3000K, 80CRI)



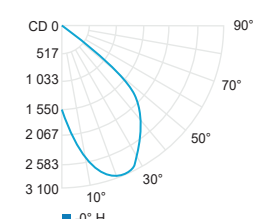
HO Flood 30° (3000K, 80CRI)



HO Wide flood 50° (3000K, 80CRI)



HO Wall washer (3000K, 80CRI)

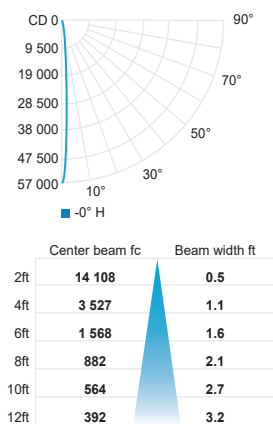


CCT options	2200K	2700K	3000K	3500K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI	90CRI	80CRI
Multiplier	0.85	0.97	1	1	-	1.06
Multiplier for Super spot	0.75	0.95	1	-	0.75	1.10

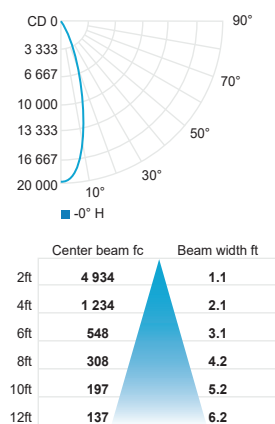
PHOTOMETRIC DATA
SM - SMALL Ø12.5" (Ø313mm)

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	51.4W	Spot 16°	5 660	110	56 433	IAGR-SM-HE-830-SP
				Flood 30°	5 586	108	19 737	IAGR-SM-HE-830-FL
				Wide flood 50°	5 439	106	7 367	IAGR-SM-HE-830-WF
				Wall washer	4 557	88	4 471	IAGR-SM-HE-830-WW
		BO	71.4W	Spot 16°	7 585	106	75 628	IAGR-SM-BO-830-SP
				Flood 30°	7 486	105	26 450	IAGR-SM-BO-830-FL
				Wide flood 50°	7 289	102	9 873	IAGR-SM-BO-830-WF
				Wall washer	6 107	85	5 992	IAGR-SM-BO-830-WW

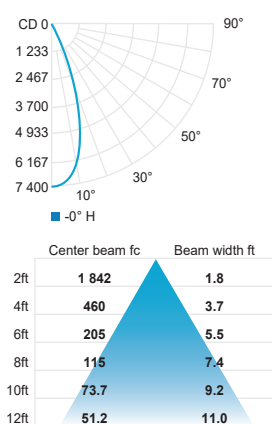
HE Spot 16° (3000K, 80CRI)



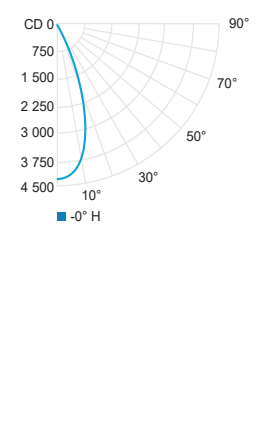
HE Flood 30° (3000K, 80CRI)



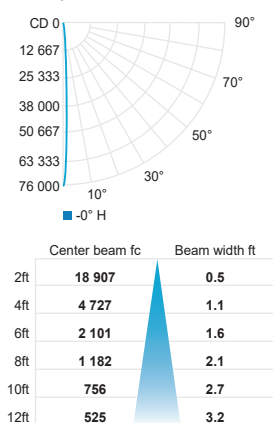
HE Wide flood 50° (3000K, 80CRI)



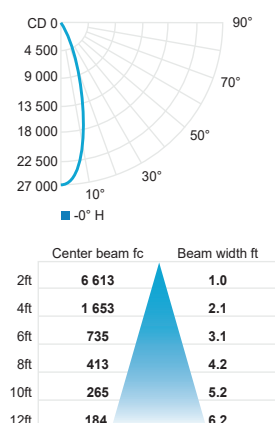
HE Wall washer (3000K, 80CRI)



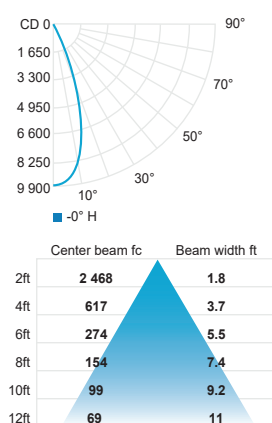
BO Spot 16° (3000K, 80CRI)



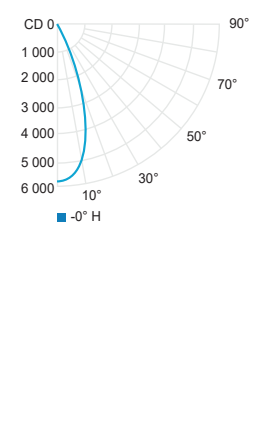
BO Flood 30° (3000K, 80CRI)



BO Wide flood 50° (3000K, 80CRI)



BO Wall washer (3000K, 80CRI)

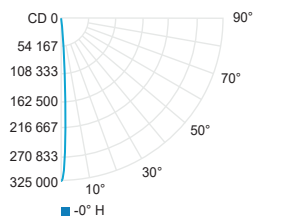


CCT options	2200K	2700K	3000K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI	80CRI
Multiplier	0.85	0.97	1	1	1.08

PHOTOMETRIC DATA
SM - SMALL Ø12.5" (Ø313mm)

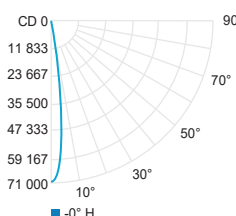
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HO	52.4W	Super Spot 4°	4 050	77	324 885	IAGR-SM-HO-830-SS
			61.9W	Spot 16°	7 084	114	70 637	IAGR-SM-HO-830-SP
				Flood 30°	6 992	113	24 705	IAGR-SM-HO-830-FL
				Wide flood 50°	6 808	110	9 221	IAGR-SM-HO-830-WF
				Wall washer	5 704	92	5 596	IAGR-SM-HO-830-WW
		VHO	69.8W	Super Spot 4°	5 063	72	406 106	IAGR-SM-VHO-830-SS
			86W	Spot 16°	9 125	106	90 984	IAGR-SM-VHO-830-SP
				Flood 30°	9 006	104	31 821	IAGR-SM-VHO-830-FL
				Wide flood 50°	8 769	102	11 877	IAGR-SM-VHO-830-WF
				Wall washer	7 347	85	7 208	IAGR-SM-VHO-830-WW

HO Super Spot 4° (3000K, 80CRI)



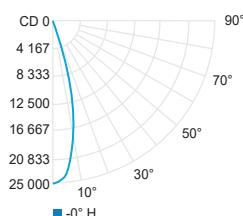
Center beam fc	Beam width ft
2ft	81 221 0.2
4ft	20 305 0.3
6ft	9 025 0.5
8ft	5 076 0.6
10ft	3 249 0.8
12ft	2 256 0.9

HO Spot 16° (3000K, 80CRI)



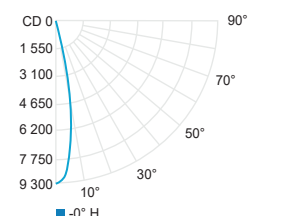
Center beam fc	Beam width ft
2ft	17 659 0.5
4ft	4 415 1.1
6ft	1 962 1.6
8ft	1 104 2.1
10ft	706 2.7
12ft	491 3.2

HO Flood 30° (3000K, 80CRI)



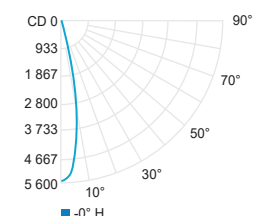
Center beam fc	Beam width ft
2ft	6 176 1.0
4ft	1 544 2.1
6ft	686 3.1
8ft	386 4.2
10ft	247 5.2
12ft	172 6.2

HO Wide flood 50° (3000K, 80CRI)



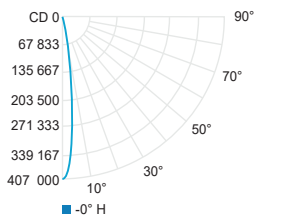
Center beam fc	Beam width ft
2ft	2 305 1.8
4ft	576 3.7
6ft	256 5.5
8ft	144 7.4
10ft	92 9.2
12ft	64 11.0

HO Wall washer (3000K, 80CRI)



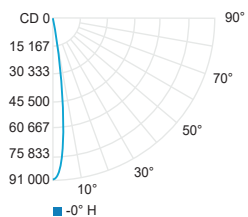
Center beam fc	Beam width ft
2ft	933 1.867
4ft	2 800 3.733
6ft	4 667 5.600

VHO Super Spot 4° (3000K, 80CRI)



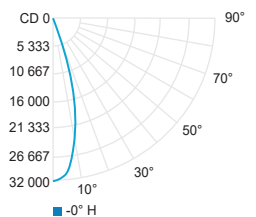
Center beam fc	Beam width ft
2ft	101 527 0.2
4ft	25 382 0.3
6ft	11 281 0.5
8ft	6 345 0.6
10ft	4 061 0.8
12ft	2 820 0.9

VHO Spot 16° (3000K, 80CRI)



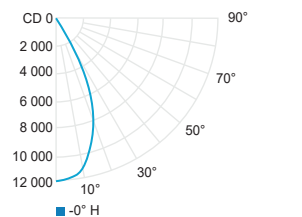
Center beam fc	Beam width ft
2ft	22 746 0.5
4ft	5 687 1.1
6ft	2 527 1.6
8ft	1 422 2.1
10ft	910 2.7
12ft	632 3.2

VHO Flood 30° (3000K, 80CRI)



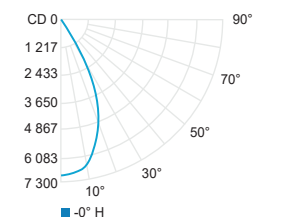
Center beam fc	Beam width ft
2ft	7 955 1.0
4ft	1 989 2.1
6ft	884 3.1
8ft	497 4.2
10ft	318 5.2
12ft	221 6.2

VHO Wide flood 50° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	2 969 1.8
4ft	742 3.7
6ft	330 5.5
8ft	186 7.4
10ft	119 9.2
12ft	82.5 11

VHO Wall washer (3000K, 80CRI)



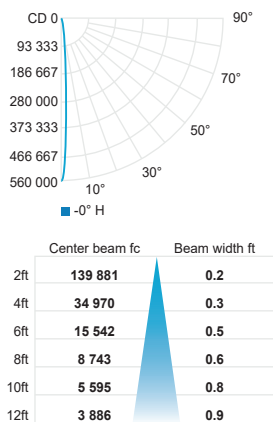
Center beam fc	Beam width ft
2ft	1 217 2.433
4ft	3 650 4.867
6ft	6 083 7.300

CCT options	2200K	2700K	3000K	3500K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI	90CRI	80CRI
Multiplier	0.85	0.96	1	1	-	1.07
Multiplier for Super spot	0.75	0.95	1	-	0.75	1.10

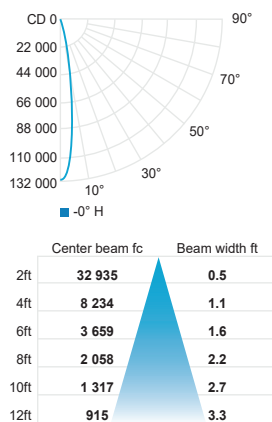
PHOTOMETRIC DATA
MM - MEDIUM Ø14.5" (Ø368mm)

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	95.9W	Super spot 4°	6 975	72	559 523	IAGR-MM-BO-830-SS
			126W	Spot 16°	14 245	113	131 741	IAGR-MM-BO-830-SP
				Flood 30°	14 060	111	49 850	IAGR-MM-BO-830-FL
				Wide flood 44°	13 690	108	21 425	IAGR-MM-BO-830-WF
		HO	124.8W	Super spot 4°	8 813	70	706 925	IAGR-MM-HO-830-SS
			162.3W	Spot 16°	17 210	106	159 157	IAGR-MM-HO-830-SP
				Flood 30°	16 986	104	60 224	IAGR-MM-HO-830-FL
				Wide flood 44°	16 539	102	25 883	IAGR-MM-HO-830-WF

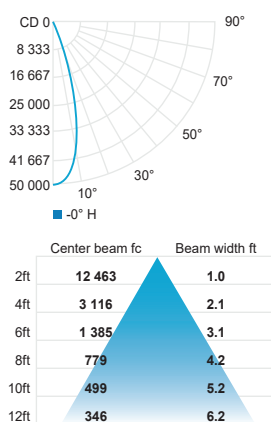
BO Super spot 4° (3000K, 80CRI)



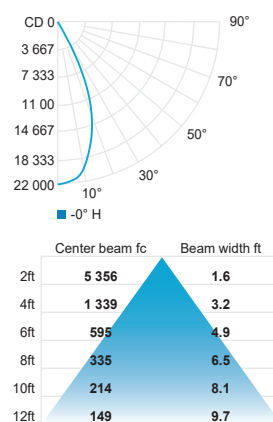
BO Spot 16° (3000K, 80CRI)



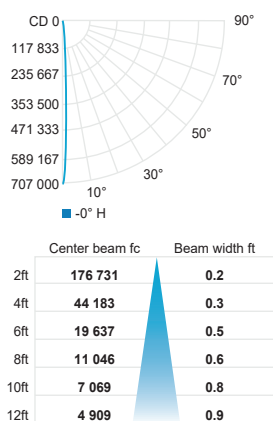
BO Flood 30° (3000K, 80CRI)



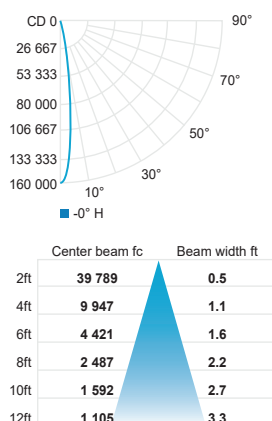
BO Wide flood 44° (3000K, 80CRI)



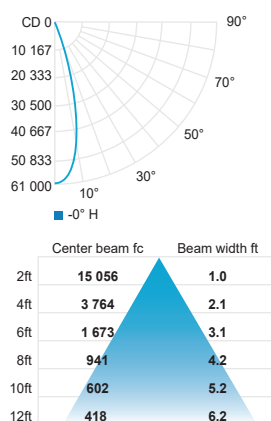
HO Super Spot 4° (3000K, 80CRI)



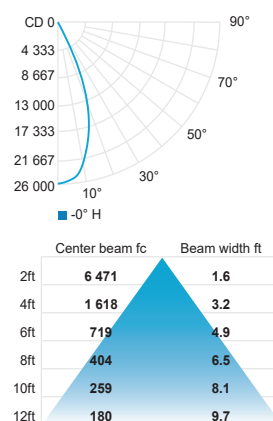
HO Spot 16° (3000K, 80CRI)



HO Flood 30° (3000K, 80CRI)



HO Wide flood 44° (3000K, 80CRI)

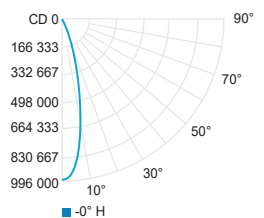


CCT options	2200K	2700K	3000K	3500K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI	90CRI	80CRI
Multiplier	0.85	0.96	1	1	-	1.07
Multiplier for Super spot	0.75	0.95	1	-	0.75	1.10

PHOTOMETRIC DATA
LM - LARGE Ø20.5" (Ø516mm)

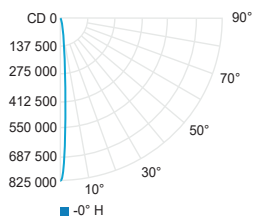
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	HE	153.7W	Super Spot 4°	12 413	80	995 711	IAGR-LM-HE-830-SS
		BO	135.8W	Super Spot 4°	10 275	76	824 244	IAGR-LM-BO-830-SS
			225.6W	Spot 16°	25 064	111	235 718	IAGR-LM-BO-830-SP
				Flood 28°	24 738	110	89 216	IAGR-LM-BO-830-FL
				Wide flood 44°	24 087	107	38 317	IAGR-LM-BO-830-WF
		HO	175.1W	Super Spot 4°	12 488	71	1 001 727	IAGR-LM-HO-830-SS
			271.5W	Spot 16°	28 798	106	270 840	IAGR-LM-HO-830-SP
				Flood 28°	28 424	104	102 510	IAGR-LM-HO-830-FL
				Wide flood 44°	27 676	101	44 027	IAGR-LM-HO-830-WF
		VHO	205.3W	Super Spot 4°	15 450	75	1 239 374	IAGR-LM-VHO-830-SS

HE Super spot 4° (3000K, 80CRI)



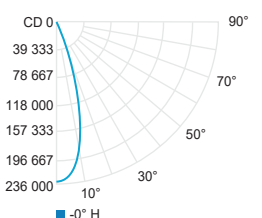
Center beam fc	Beam width ft
2ft	248 928 0.2
4ft	62 232 0.3
6ft	27 659 0.5
8ft	15 558 0.6
10ft	9 957 0.8
12ft	6 915 0.9

BO Super spot 4° (3000K, 80CRI)



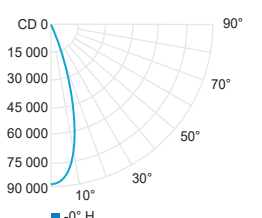
Center beam fc	Beam width ft
2ft	206 061 0.2
4ft	51 515 0.3
6ft	22 896 0.5
8ft	12 879 0.6
10ft	8 242 0.8
12ft	5 724 0.9

BO Spot 16° (3000K, 80CRI)



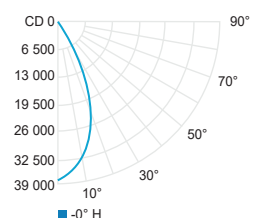
Center beam fc	Beam width ft
2ft	58 930 0.5
4ft	14 732 1.1
6ft	6 548 1.6
8ft	3 663 2.1
10ft	2 357 2.7
12ft	1 637 3.3

BO Flood 28° (3000K, 80CRI)



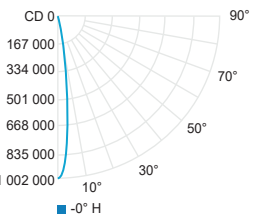
Center beam fc	Beam width ft
2ft	22 304 1.0
4ft	5 576 2.0
6ft	2 478 3.1
8ft	1 394 4.1
10ft	892 5.1
12ft	620 6.1

BO Flood 44° (3000K, 80CRI)



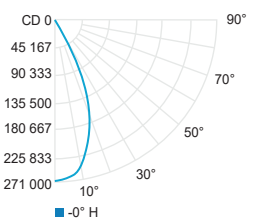
Center beam fc	Beam width ft
2ft	9 579 1.6
4ft	2 395 3.2
6ft	1 064 4.8
8ft	599 6.4
10ft	383 8.0
12ft	266 9.7

HO Super spot 4° (3000K, 80CRI)



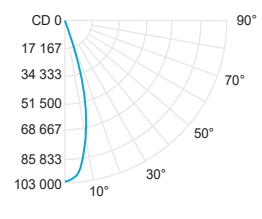
Center beam fc	Beam width ft
2ft	250 432 0.2
4ft	62 608 0.3
6ft	27 826 0.5
8ft	15 652 0.6
10ft	10 017 0.8
12ft	6 956 0.9

HO Spot 16° (3000K, 80CRI)



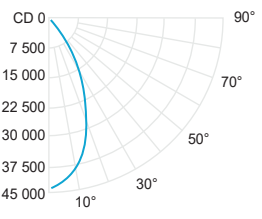
Center beam fc	Beam width ft
2ft	67 710 0.5
4ft	16 928 1.1
6ft	7 523 1.6
8ft	4 232 2.1
10ft	2 708 2.7
12ft	1 881 3.3

HO Spot 28° (3000K, 80CRI)



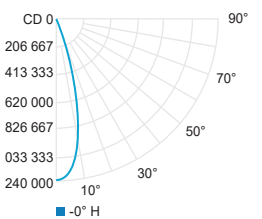
Center beam fc	Beam width ft
2ft	25 628 1.0
4ft	6 407 2.0
6ft	2 848 3.1
8ft	1 602 4.1
10ft	1 025 5.1
12ft	712 6.1

HO Wide flood 44° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	11 007 1.6
4ft	2 752 3.2
6ft	1 223 4.8
8ft	688 6.4
10ft	440 8.0
12ft	306 9.7

VHO Super spot 4° (3000K, 80CRI)



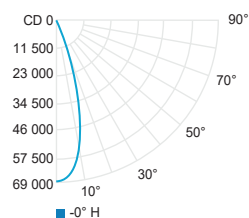
Center beam fc	Beam width ft
2ft	309 844 0.2
4ft	77 461 0.3
6ft	34 427 0.5
8ft	19 365 0.6
10ft	12 394 0.8
12ft	8 607 0.9

CCT options	2200K	2700K	3000K	3500K	3500K	4000K
CRI options	80CRI	80CRI	80CRI	80CRI	90CRI	80CRI
Multiplier	0.85	0.96	1	1	-	1.07
Multiplier for Super spot	0.75	0.95	1	-	0.75	1.10

PHOTOMETRIC DATA
LC - LARGE Ø20.5" (Ø516mm)

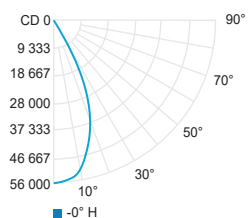
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm / W)	MAX CANDELA (cd)	MODELS
3000K	80	BO	257.9W	Flood 36°	30 849	119	68 286	IAGR-LC-BO-830-FL
				Wide flood 46°	31 245	112	55 918	IAGR-LC-BO-830-WF
				Very wide flood 78°	34 804	135	24 922	IAGR-LC-BO-830-VWF
		HO	307.2W	Flood 36°	36 114	117	79 937	IAGR-LC-HO-830-FL
				Wide flood 46°	36 577	119	65 461	IAGR-LC-HO-830-WF
				Very wide flood 78°	40 744	132	29 175	IAGR-LC-HO-830-VWF

BO Flood 36° (3000K, 80CRI)



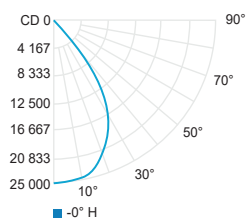
Center beam fc	Beam width ft
2ft	17 071
4ft	4 268
6ft	1 897
8ft	1 067
10ft	683
12ft	474

BO Wide flood 46° (3000K, 80CRI)



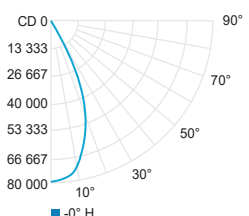
Center beam fc	Beam width ft
2ft	13 980
4ft	3 495
6ft	1 553
8ft	874
10ft	559
12ft	388

BO Very wide flood 78° (3000K, 80CRI)



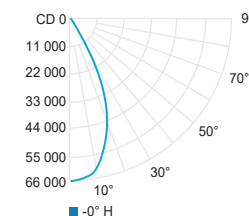
Center beam fc	Beam width ft
2ft	6 156
4ft	1 539
6ft	684
8ft	385
10ft	246
12ft	171

HO flood 36° (3000K, 80CRI)



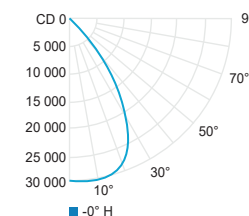
Center beam fc	Beam width ft
2ft	19 984
4ft	4 996
6ft	2 220
8ft	1 249
10ft	799
12ft	555

HO Wide flood 46° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	16 365
4ft	4 091
6ft	1 818
8ft	1 023
10ft	655
12ft	455

HO Very wide flood 78° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	7 207
4ft	1 802
6ft	801
8ft	450
10ft	288
12ft	200

CCT options	2200K	2700K	3000K	3500K	4000K
CRI options	65CRI	80CRI	80CRI	80CRI	80CRI
Multiplier for BO	0.92	0.95	1	1.01	1.02
Multiplier for HO	0.88				