

High-performance outdoor architectural floodlight enhancing urban spaces and bringing life to cities.

## FEATURES

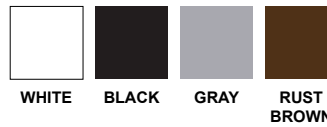
- Delivers 4,050 – 9,125 lumens at 3000K, 80CRI
- Up to 114lm/W at 3000K, 80CRI
- Vertical or horizontal surface and pole specification [page 2-3](#)
- 0-10V, down to 10%
- Additional sizing available: Ø10", Ø14.5", Ø20.5"(LM) or Ø20.5"(LC) ↗
- Remote RGBW available with Ø12.5", Ø14.5", or Ø20.5"
- Max candela of 4,471 – 406,106
- Consult factory for further customization
- Full specification available [page 5](#)



Standard Bracket

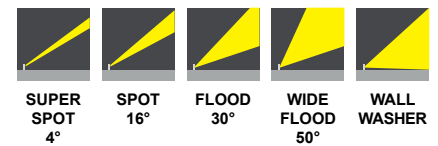


## FINISH OPTIONS



Consult factory for custom finishes

## OPTIC OPTIONS



## ORDERING INFO

PRODUCT CODE

EXAMPLE: IAGR-SM-BO-827-SP-UNV-02-010

MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
<b>IAGR</b> With standard bracket	<b>SM</b> Small Ø12.5" (313mm)	<b>HE</b> High efficiency (51.4W)	<b>822<sup>1</sup></b> 2200K, 80CRI	<b>SS<sup>4</sup></b> Super Spot, 4°	<b>UNV</b> 120-277V	<b>01</b> White	<b>D10</b> 0-10V
		<b>BO</b> Base Output (71.4W)	<b>827</b> 2700K, 80CRI	<b>SP</b> Spot, 16°		<b>02</b> Black	
		<b>HO</b> High Output (52.4–61.9W)	<b>830</b> 3000K, 80CRI	<b>FL</b> Flood, 30°		<b>15</b> Gray	
		<b>VHO</b> Very High output (69.8–86W)	<b>835<sup>2</sup></b> 3500K, 80CRI	<b>WF</b> Wide Flood, 50°		<b>F5</b> Rust Brown	
		<b>935<sup>3</sup></b> 3500K, 90CRI	<b>WW</b> Wall Washer				

1. Available for super spot (SS), flood (FL) and wall washer (WW) optics.
2. Not available for super spot (SS) optics.
3. Only available for super spot (SS) optics.
4. Available with high (HO) or very high (VHO) outputs.

## ACCESSORIES

To be ordered separately.

More information on all accessories on [page 3-4](#).

CONNECTION ACCESSORY CODE

EXAMPLE: IX562+IX563

CONNECTION ACCESSORIES

IP68 CONNECTION KIT

- IX562 5 poles male + female connector, 250/400V.
- IX563 Distributor block, 250/400V. (1x male in / 2x female out)
- IX560 5 poles femelle connector, 250/400V.
- IX561 5 poles male connector with end cap, 250/400V.
- 4543-00** Connection box

OPTIC ACCESSORY CODE

EXAMPLE: IX496+IX500

OPTIC ACCESSORIES

EXTERNAL (1 MAX)

- IX496 Protection Grid (for IK10)
- IX497 Cylindrical Screen
- IX498 Cylindrical Screen 30°/45°

INTERNAL (1 MAX)

- IX500 Elliptical Distribution Refractor
- IX501 Diffusing Glass
- IX499 Longitudinal Louver

## POLE SPECIFICATION

To be ordered separately.

### POLE SPECIFICATION

#### iGuzzini Pole

**Diameter** Ø4" (Ø 102mm)  
**Shape** Round  
**Model** Straight  
**Installation** Anchor bolts  
**Access Door** Included (3' from ground)

#### Height

ft

#### Finish

01 - White RAL9016

02 - Black RAL9005

15 - Gray RAL9007

#### Material

Aluminum

F5 - Rust Brown RAL8017

Galvanized Steel

RAL# Enter custom RAL

#### Supplied by other

Pole provided by another manufacturer

## POLE-MOUNTED ACCESSORIES

To be ordered separately.

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

Pole Ø: 4" (102mm). Consult instruction sheet for more layouts.

Need a IX562 connector for every pole mounted fixture.



#### Agorà (SM) + Cylindrical Screen

EPA 1,25ft² (0,116m²)

To have the total EPA, add all the EPA values for each items in the composition.

### FINISH

**01**

White

**02**

Black

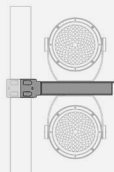
**15**

Gray

**F5**

Rust Brown

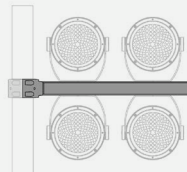
### POLE INSTALLATION WITH ARMS



#### IX568

Arm for 1/2 floodlights

**Length** 19¼" (488mm)  
**Weight** 11.11lb (5.04kg)  
**EPA** 0,33ft² (0,031m²)



#### IX570

Arm for 2/4 floodlights

**Length** 37¼" (946mm)  
**Weight** 18.14lb (8.23kg)  
**EPA** 0,64ft² (0,060m²)



#### I6161

Counter Flange

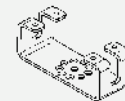
**Weight** 4.76lb (2.16kg)  
**EPA** 0,064ft² (0,006m²)

### MANDATORY ADAPTOR WITH ARM IX568 / IX570



#### IX657

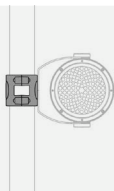
For up side application



#### IX572

For down side application

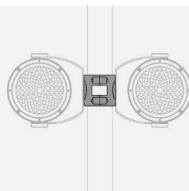
### POLE INSTALLATION WITH FLANGES



#### I6111

Flange for 1 floodlight

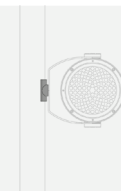
**Weight** 1.98lb (0.9kg)  
**EPA** 0,13ft² (0,013m²)



#### I6112

Flange for 2 floodlights

**Weight** 2.20lb (1kg)  
**EPA** 0,13ft² (0,013m²)



#### IX738

Minimal flange

Pole must have threaded hole to hold minimal flange IX738.  
 See instruction sheet for threading information.

## MULTI SUPPORT

To be ordered separately.

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

Need a IX562 connector for every pole mounted fixture.

### FINISH

**01**

White

**02**

Black

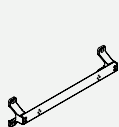
**15**

Gray

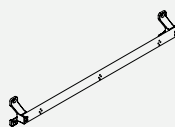
**F5**

Rust Brown

### MULTI SUPPORT


**I6014**

For 2 floodlights

**Dimensions**
 $37\frac{1}{4} \times 9\frac{1}{4} \times 5\frac{1}{2}$ "  
 (962 x 236 x 141mm)

**I6015**

For 3 floodlights

**Dimensions**
 $61\frac{1}{4} \times 9\frac{1}{4} \times 5\frac{1}{2}$ "  
 (1560 x 236 x 141mm)

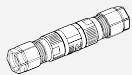
## CONNECTION ACCESSORIES

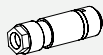
To be ordered separately.

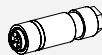
For available configurations and details on installation, consult the instruction sheet.

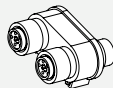
### IP68 CONNECTION KIT

For 0.31-0.67" (8-17mm) cable, 16-14 AWG conductors  
 No finish option available.


**IX562**

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

**IX560**

 5 poles female connector,  
 250/400V.

**IX561**

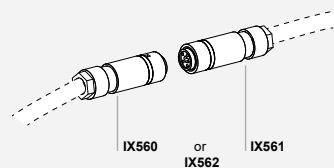
 5 poles male connector  
 with end cap, 250/400V.

**IX563**

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

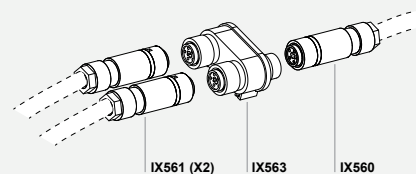
**4543-00**

Connection box

### SINGLE CONNECTION



### MULTIPLE CONNECTION



## OPTIC ACCESSORIES

To be ordered separately.  
For installation, consult instruction sheet.

### EXTERNAL (1 MAX)



**IX496**  
Protection Grid (for IK10)  
(Stainless Steel)



**IX497**  
Cylindrical Screen  
(Black)



**IX498**  
Cylindrical Screen 30°/45°  
(Black)

### INTERNAL (1 MAX)



**IX500<sup>1</sup>**  
Refractor for elliptical  
distribution



**IX501<sup>1</sup>**  
Diffusing Glass



**IX499<sup>1</sup>**  
Longitudinal Louver  
(Black)

<sup>1</sup> Not available for wall washer version.

## SPECIFICATIONS

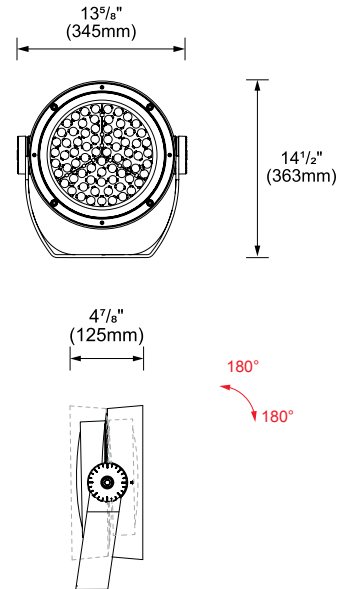
<b>Luminaire characteristic:</b>	Power input system: 51.4W to 86W Lumens system for 3000K, 80CRI: 4,050lm to 9,125lm Luminaire efficacy for 3000K, 80CRI: Up to 114lm/W
<b>Source:</b>	White LED (LM-80), 2200K: 80CRI, 2700K: 80CRI, 3000K: 80CRI, 3500K: 80CRI, (90CRI, SS optic only) 4000K: 80CRI.
<b>Lumen maintenance:</b>	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)
<b>Optic:</b>	Available in super spot, spot, flood, wide flood and wall washer optics. Full line of professional accessories ( <a href="#">page 4</a> )
<b>Material:</b>	Optical body, accessory holder ring: Die-cast aluminum; Optic diffuser: PMMA; Protective screen: 3/16" (4mm) thick extra-clear sodium-calcium closure glass; Mounting bracket: Steel.
<b>Mounting:</b>	Vertical or horizontal surface ( <a href="#">page 3</a> ) and pole mount ( <a href="#">page 2</a> ) with included mounting bracket. Supplied with 59" (1.5m) of power cable. SOOW 5/18AWG power cable.
<b>Adjustment:</b>	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°
<b>Electrical:</b>	High efficiency dimmable LED driver, rated at 50 000 hours. 120V/277V.
<b>Dimming:</b>	0-10V (120-277V), down to 10%.
<b>Finish:</b>	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.
<b>Operating temperature:</b>	HE: -30°C to 50°C (-22°F to 122°F); BO: -30°C to 35°C (-22°F to 95°F); HO: -30°C to 50°C (-22°F to 122°F); VHO: -30°C to 35°C (-22°F to 95°F);
<b>Weight:</b>	SM - small Ø12.5" 21.05lb (9.55kg)
<b>Warranty:</b>	5 year limited warranty.
<b>Ratings:</b>	IP66, IK08
<b>Certification:</b>	cULus listed for wet location.



## DIMENSIONS

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

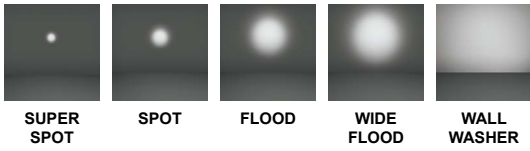
### WITH STANDARD BRACKET



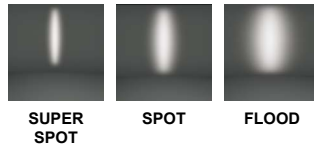
## PROFESSIONAL OPTICS

12 Total Optics Combinations with Elliptical Distribution Refractor and Diffuser Glass accessories

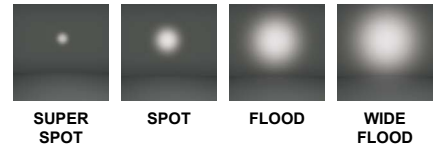
### Primary Optics



### With Elliptical Distribution Refractor

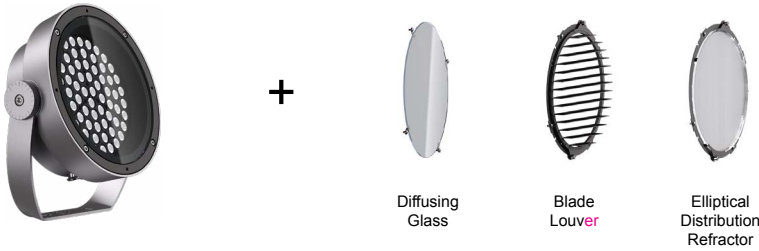


### With Diffuser Glass

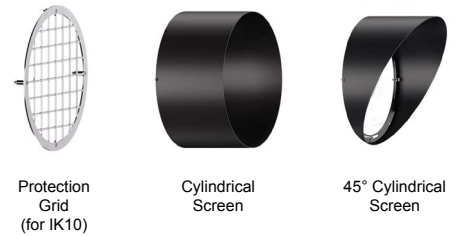


## PROFESSIONAL ACCESSORIES

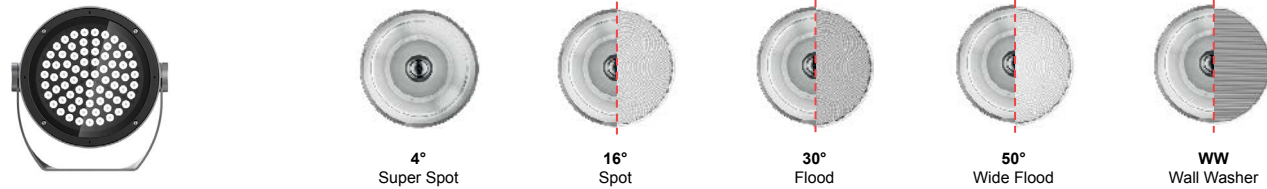
### INTERNAL ACCESSORIES (Choose only one)



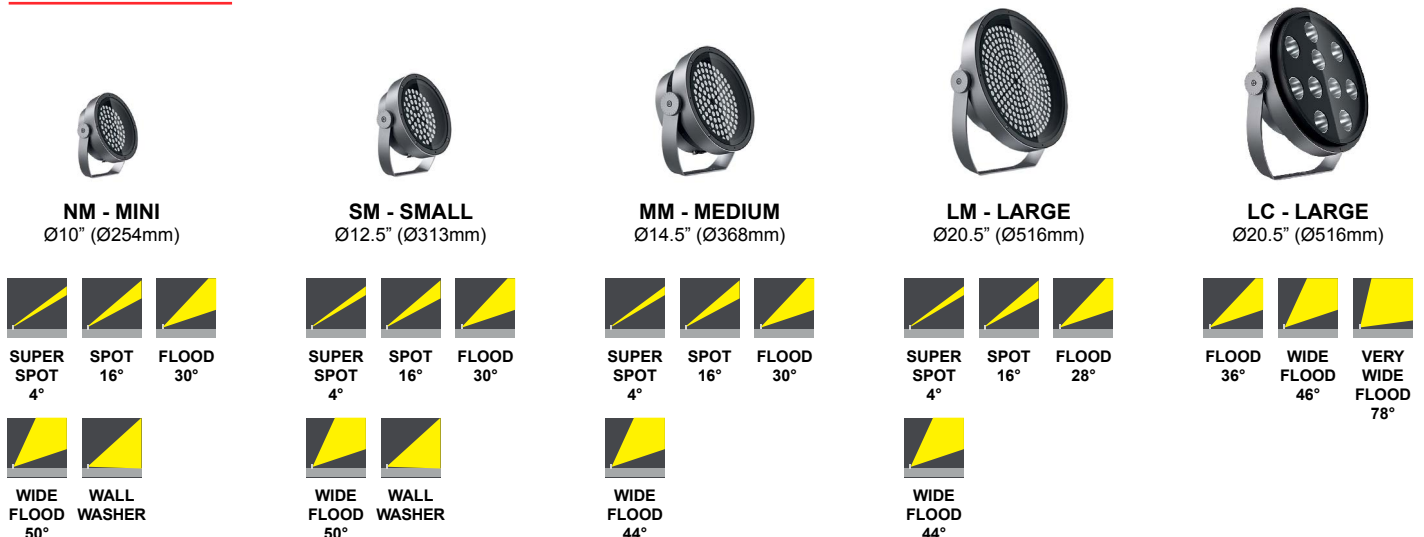
### EXTERNAL ACCESSORIES (Choose only one)



## OPTI BEAM LENS + REFRACTORS

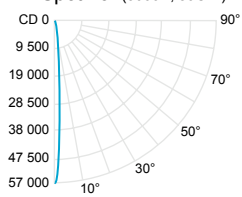


## FAMILY OVERVIEW



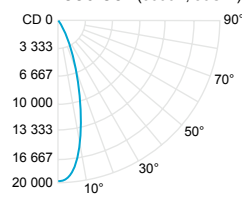
## PHOTOMETRIC DATA

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	HE	51.4	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	71.4	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)**


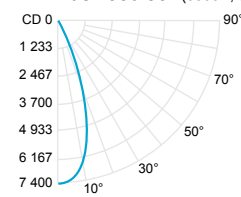
-0° H

Center beam fc	Beam width ft
2ft	14 108 0.5
4ft	3 527 1.1
6ft	1 568 1.6
8ft	882 2.1
10ft	564 2.7
12ft	392 3.2

**HE Flood 30° (3000K, 80CRI)**


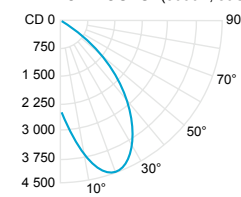
-0° H

Center beam fc	Beam width ft
2ft	4 934 1.1
4ft	1 234 2.1
6ft	548 3.1
8ft	308 4.2
10ft	197 5.2
12ft	137 6.2

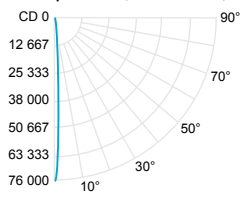
**HE Wide flood 50° (3000K, 80CRI)**


-0° H

Center beam fc	Beam width ft
2ft	1 842 1.8
4ft	460 3.7
6ft	205 5.5
8ft	115 7.4
10ft	73.7 9.2
12ft	51.2 11

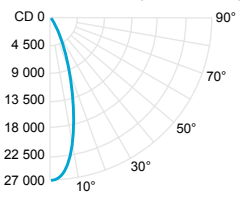
**HE Wall washer (3000K, 80CRI)**


-0° H

**BO Spot 16° (3000K, 80CRI)**


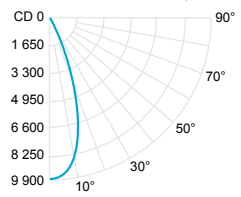
-0° H

Center beam fc	Beam width ft
2ft	18 907 0.5
4ft	4 727 1.1
6ft	2 101 1.6
8ft	1 182 2.1
10ft	756 2.7
12ft	525 3.2

**BO Flood 30° (3000K, 80CRI)**


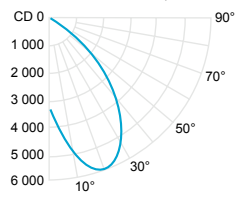
-0° H

Center beam fc	Beam width ft
2ft	6 613 1
4ft	1 653 2.1
6ft	735 3.1
8ft	413 4.2
10ft	265 5.2
12ft	184 6.2

**BO Wide flood 50° (3000K, 80CRI)**


-0° H

Center beam fc	Beam width ft
2ft	2 468 1.8
4ft	617 3.7
6ft	274 5.5
8ft	154 7.4
10ft	99 9.2
12ft	69 11

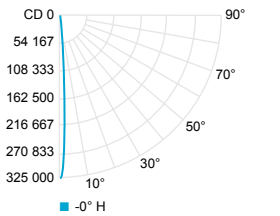
**BO Wall washer (3000K, 80CRI)**


-0° H

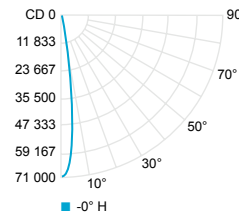
CCT options	2200K	2700K	3000K	3500K	4000K
CRI options	65CRI	80CRI	80CRI	80CRI	80CRI
<b>Multiplier</b>	<b>0.85</b>	<b>0.97</b>	<b>1</b>	<b>1</b>	<b>1.08</b>

## PHOTOMETRIC DATA

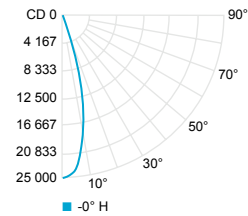
CCT (K)	CRI	OUTPUT	LOAD* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	HO	52.4	Super Spot 4°	4,050	77	324,885	IAGR-SM-HO-830-SS
			61.9	Spot 16°	7,084	114	70,637	IAGR-SM-HO-830-SP
				Flood 30°	6,992	113	24,705	IAGR-SM-HO-830-FL
				Wide flood 50°	6,808	110	9,221	IAGR-SM-HO-830-WF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


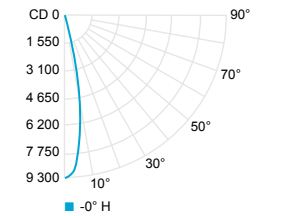
Center beam fc	Beam width ft
2ft	81 221 0.2
4ft	20 305 0.3
6ft	9 025 0.5
8ft	5 076 0.6
10ft	3 249 0.8
12ft	2 256 0.9

**HO Spot 16° (3000K, 80CRI)**


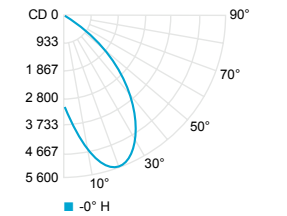
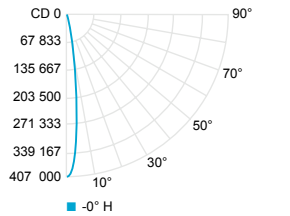
Center beam fc	Beam width ft
2ft	17 659 0.5
4ft	4 415 1.1
6ft	1 962 1.6
8ft	1 104 2.1
10ft	706 2.7
12ft	491 3.2

**HO Flood 30° (3000K, 80CRI)**


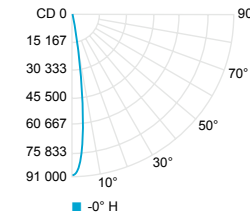
Center beam fc	Beam width ft
2ft	6 176 1
4ft	1 544 2.1
6ft	686 3.1
8ft	386 4.2
10ft	247 5.2
12ft	172 6.2

**HO Wide flood 50° (3000K, 80CRI)**


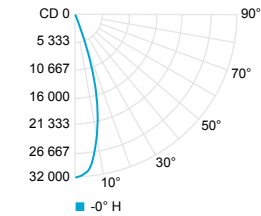
Center beam fc	Beam width ft
2ft	2 305 1.8
4ft	576 3.7
6ft	256 5.5
8ft	144 7.4
10ft	92 9.2
12ft	64 11

**HO Wall washer (3000K, 80CRI)**

**VHO Super spot 4° (3000K, 80CRI)**


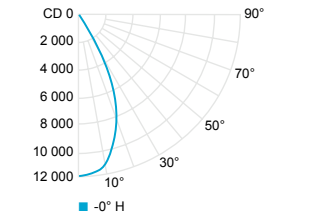
Center beam fc	Beam width ft
2ft	101 527 0.2
4ft	25 382 0.3
6ft	11 281 0.5
8ft	6 345 0.6
10ft	4 061 0.8
12ft	2 820 0.9

**VHO Spot 16° (3000K, 80CRI)**


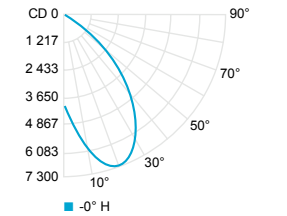
Center beam fc	Beam width ft
2ft	22 746 0.5
4ft	5 687 1.1
6ft	2 527 1.6
8ft	1 422 2.1
10ft	910 2.7
12ft	632 3.2

**VHO Flood 30° (3000K, 80CRI)**


Center beam fc	Beam width ft
2ft	7 955 1
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)**


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