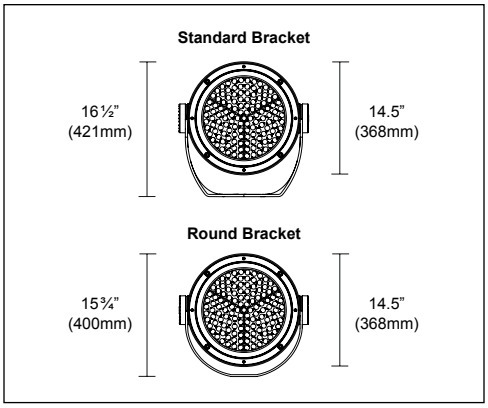
CONFIGURE

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

FEATURES

- Delivers 7,238 – 18,480 lumens at 3000K, 80CRI
- Up to 111 lm/W at 3000K, 80CRI
- Vertical or horizontal surface and pole specification *page 2-3*
- 0-10V or DMX-RDM dimming down to 10%
- Additional sizing available: Ø8", Ø10", Ø12.5", or Ø20.5"
- RGBW available with Ø12.5", Ø14.5", or Ø20.5"
- Max candela of 22,004 – 721,966
- Consult factory for further customization
- Full specification available *page 6*



FINISH OPTIONS

WHITE | BLACK | GRAY | RUST BROWN

Consult factory for custom finishes

OPTIC OPTIONS

SUPER SPOT 4° | SPOT 16° | FLOOD 30° | WIDE FLOOD 44°

5-Year Limited Warranty | IP66 | IK08 | 3G Vibration Rating | cULus | CE Equivalent Available | BRIGHTSTAR AWARDS HONOREE

ORDERING INFO

-MM- - - -REM-

PRODUCT CODE — *EXAMPLE: IAGR-MM-BO-827-SP-REM-02*

	MM				REM	
MODEL	**SIZE**	**OUTPUT**	**LED**	**OPTIC**	**VOLTAGE**	**FINISH**
IAGR With standard bracket **IAGRS** With round bracket	**MM** Medium Ø14.5" (368mm)	**BO** Base Output (95.7–131W) **HO** High Output (126.3–175.7W)	**822**[1] 2200K, 80CRI **827** 2700K, 80CRI **830** 3000K, 80CRI **835**[2] 3500K, 80CRI **840** 4000K, 80CRI **935**[3] 3500K, 90CRI	**SS** Super Spot, 4° **SP** Spot, 16° **FL** Flood, 30° **WF** Wide Flood, 44°	**REM** Remote	**01** White **02** Black **15** Gray **F5** Rust Brown

1. Available for super spot (SS) and flood (FL) optics.
2. Not available for super spot (SS) optics.
3. Only available for super spot (SS) optics.

DRIVER CODE — *EXAMPLE: 4449-0750-171-UNV-D10*

DRIVER

Driver options are available on page 4.

ACCESSORIES

To be ordered separately.
More information on all accessories on page 3.

CONNECTION ACCESSORY CODE — *EXAMPLE: IX765+IX768*

CONNECTION ACCESSORIES

IP68 CONNECTION KIT
- ☐ **IX765** 3 way male/female junction for serie connection, 600V
- ☐ **IX768** 3 poles male + female connector, 600V
- ☐ **4543-00** Connection box

RESISTOR DMX KIT
- ☐ **RES-058-KIT** End of line 120 ohms thermal resistance kit

OPTIC ACCESSORY CODE — *EXAMPLE: IX502+IX506*

OPTIC ACCESSORIES

EXTERNAL *(1 MAX)*
- ☐ **IX502** Protection Grid (for IK10)
- ☐ **IX503** Cylindrical Screen
- ☐ **IX504** Cylindrical Screen 30°/45°

INTERNAL *(1 MAX)*
- ☐ **IX506** Elliptical Distribution Refractor
- ☐ **IX507** Diffusing Glass
- ☐ **IX505** Longitudinal Louver

iGuzzini

9320 Boul. St-Laurent, suite 100, Montréal (Québec) Canada H2N 1N7, P.: 514.523.1339 F.:514.525.6107 www.iguzzini.com/us

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

Material

☐ Aluminum
☐ Galvanized Steel

Finish

☐ 01 - White RAL9016
☐ 02 - Black RAL9005
☐ 15 - Gray RAL9007
☐ F5 - Rust Brown RAL8017
☐ 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.

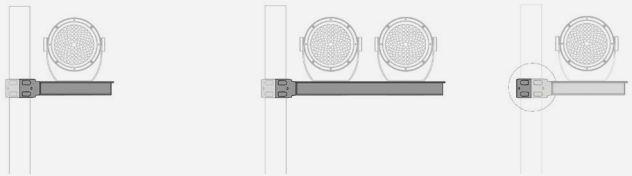
Agorà (MM) + Cylindrical Screen
EPA 1.78ft² (0,165m²)

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 floodlight

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

☐ **IX570**
Arm for 2 floodlights

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

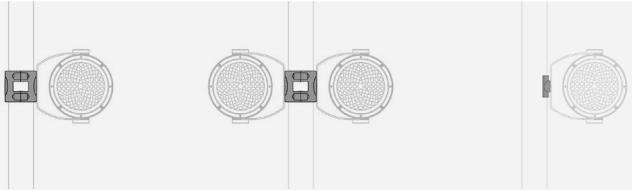
☐ **I6161**
Counter Flange

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

MANDATORY ADAPTOR WITH ARM IX568 / IX570

☐ **IX657**
For up side application

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.

iGuzzini

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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

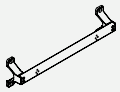
☐ **01** White

☐ **02** Black

☐ **15** Gray

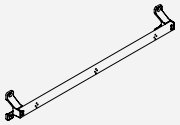
☐ **F5** Rust Brown

MULTI SUPPORT



☐ **I6014**
For 2 floodlights

Dimensions
37⅞ x 9¼ x 5½“
(962 x 236 x 141mm)



☐ **I6015**
For 3 floodlights

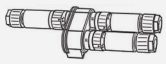
Dimensions
61¼ x 9¼ x 5½“
(1560 x 236 x 141mm)

CONNECTION ACCESSORIES

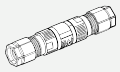
To be ordered separately.
For available configurations and details on installation, consult the instruction sheet.

IP68 CONNECTION KIT

For available configurations and details on installation, consult the instruction sheet.
No finish option available.



IX765
3 way male/female junction connector for serie connection, 600V.

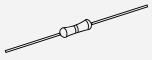


IX768
3 poles male + female connector, 600V.

4543-00
Connection box

RESISTOR DMX KIT

For DMX driver box. One pc needed at the end of the line.



RES-058-KIT
End of line 120 ohms thermal resistance kit.

OPTIC ACCESSORIES

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

EXTERNAL (1 MAX)

IX502
Protection Grid (for IK10)
(Stainless Steel)

IX503
Cylindrical Screen
(Black)

IX504
Cylindrical Screen 30°/45°
(Black)

INTERNAL (1 MAX)

IX506
Refractor for elliptical distribution

IX507
Diffusing Glass

IX505
Longitudinal Louver
(Black)

REMOTE LED DRIVER OPTIONS

DRIVER CODE *EXAMPLE: 4449-0750-171-UNV-D10*

INDOOR RATED Driver Box Models	Min-max units: For All Models BO (120W)	For All Models HO (162W)	For SS Optics Only BO (88W)	For SS Optics Only HO (116W)
☐ **4449-0750-171-UNV-D10**			1	
☐ **4449-0750-171-UNV-DMX**			1	
☐ **4449-0750-320-UNV-D10**			2-3	
☐ **4449-0750-320-UNV-DMX**			2-3	
☐ **4446-0750-408-UNV-D10**			2-4	
☐ **4446-0750-408-UNV-DMX**			2-4	
☐ **4449-0990-141-UNV-D10**				1
☐ **4449-0990-141-UNV-DMX**				1
☐ **4449-0990-320-UNV-D10**				2
☐ **4449-0990-320-UNV-DMX**				2
☐ **4446-0990-538-UNV-D10**				2-4
☐ **4446-0990-538-UNV-DMX**				2-4
☐ **4449-1050-150-UNV-D10**	1			
☐ **4449-1050-150-UNV-DMX**	1			
☐ **4449-1050-320-UNV-D10**	2			
☐ **4449-1050-320-UNV-DMX**	2			
☐ **4446-1050-571-UNV-D10**	2-4			
☐ **4446-1050-571-UNV-DMX**	2-4			
☐ **4449-1410-240-UNV-D10**		1		
☐ **4449-1410-240-UNV-DMX**		1		
☐ **4446-1410-680-UNV-D10**		2-3		
☐ **4446-1410-680-UNV-DMX**		2-3		

OUTDOOR RATED Driver Box Models	Min-max units: For All Models BO (120W)	For All Models HO (162W)	For SS Optics Only BO (88W)	For SS Optics Only HO (116W)
☐ **4555-0750-171-UNV-D10**			1	
☐ **4555-0750-171-UNV-DMX**			1	
☐ **4555-0750-320-UNV-D10**			2-3	
☐ **4555-0750-320-UNV-DMX**			2-3	
☐ **4557-0750-408-UNV-D10**			2-4	
☐ **4557-0750-408-UN V-DMX**			2-4	
☐ **4549-0990-141-UNV-D10**				1
☐ **4549-0990-141-UNV-DMX**				1
☐ **4555-0990-320-UNV-D10**				2
☐ **4555-0990-320-UNV-DMX**				2
☐ **4557-0990-538-UNV-D10**				2-4
☐ **4557-0990-538-UNV-DMX**				2-4
☐ **4555-1050-150-UNV-D10**	1			
☐ **4555-1050-150-UNV-DMX**	1			
☐ **4555-1050-320-UNV-D10**	2			
☐ **4555-1050-320-UNV-DMX**	2			
☐ **4557-1050-571-UNV-D10**	2-4			
☐ **4557-1050-571-UNV-DMX**	2-4			
☐ **4555-1410-240-UNV-D10**		1		
☐ **4555-1410-240-UNV-DMX**		1		
☐ **4557-1410-680-UNV-D10**		2-3		
☐ **4557-1410-680-UNV-DMX**		2-3		

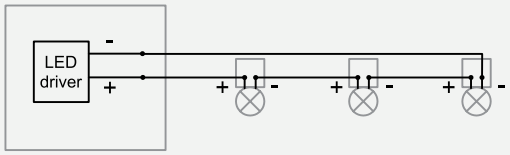
DRIVER BOX MODEL DESCRIPTION

MODEL (L × W × H)	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4446 16" × 12" × 4" (406 × 305 × 102mm) **4449** 12" × 8" × 4" (305 × 203 × 102mm) **4549** 14.5" × 5" × 3.5" (368 × 127 × 89mm) **4555** 13" × 9" × 4.5" (330 × 229 × 114mm) **4557** 15.75" × 9" × 7.1" (400 × 229 × 180mm)	**0750 to 1410** 750mA to 1410mA	**141 to 680** 141W to 680W	**UNV** 120-277V	**D10** 0-10V Max distance: 100m (330ft)* (down to 10%) **DMX** DMX-RDM Max distance: 100m (330ft)* (down to 10%)

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

WIRING DIAGRAMS

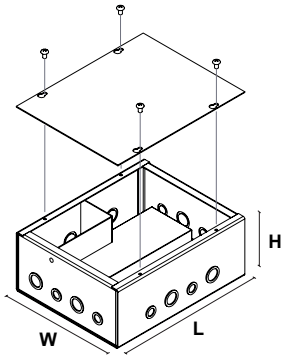
Multiple luminaires must be connected in series
(home run or fixture chain)



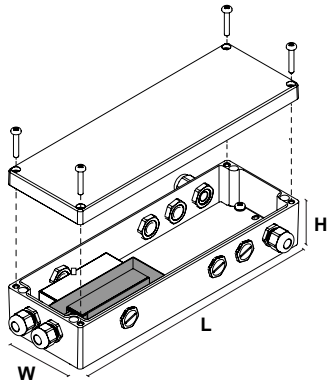
DRIVER DIMENSIONS

MODEL (L × W × H)
4446 16" × 12" × 4" (406 × 305 × 102mm)
4449 12" × 8" × 4" (305 × 203 × 102mm)
4549 14.5" × 5" × 3.5" (368 × 127 × 89mm)
4555 13" × 9" × 4.5" (330 × 229 × 114mm)
4557 15.75" × 9" × 7.1" (400 × 229 × 180mm)

INDOOR RATED



OUTDOOR RATED



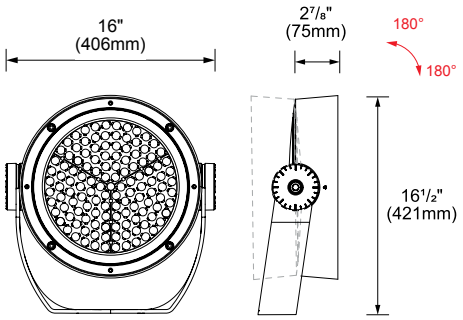
SPECIFICATIONS

Luminaire characteristic:	Power input system: 95.7W to 175.7W Lumens system for 3000K, 80CRI: 7 238lm to 18 480lm Luminaire efficacy for 3000K, 80CRI: Up to 111lm/W
Source:	White LED (LM-80), 2200K: 80CRI, 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, flood and wide flood optics. Full line of professional accessories *(page 3)*
Material:	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.
Mounting:	Vertical or horizontal surface *(page 3)* and pole mount *(page 2)* with included mounting bracket. Supplied with 23ft (7m) of power cable. SOOW 3/18AWG 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°.
Electrical:	High efficiency dimmable remote LED driver, rated at 50,000 hours. 120V/277V. See remote options *(page 4)*
Dimming:	0-10V or DMX-RDM (120-277V), down to 10%. See dimmable remote options *(page 4)*.
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:	BO: -30°C to 50°C (-22°F to 122°F); HO: -30°C to 35°C (-22°F to 95°F);
Weight:	MM - medium Ø14.5 " 15.43lb (7kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK08
Certification:	cULus listed for wet location.

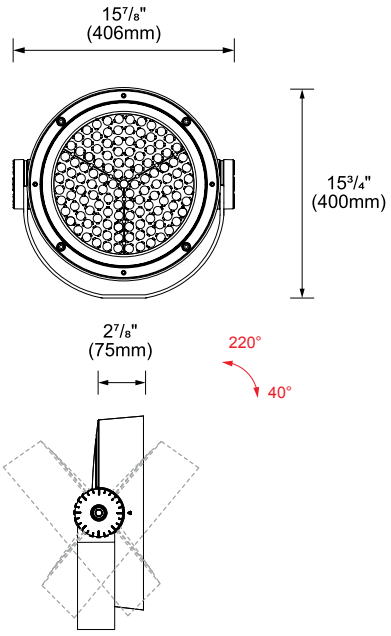
DIMENSIONS

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

WITH STANDARD BRACKET



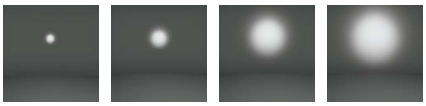
WITH SHORT BRACKET



PROFESSIONAL OPTICS

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

Primary Optics

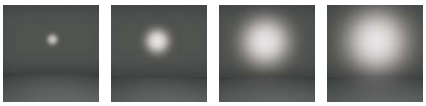


SUPER SPOT | **SPOT** | **FLOOD** | **WIDE FLOOD**

With Elliptical Distribution Refractor

SUPER SPOT | **SPOT** | **FLOOD**

With Diffuser Glass



SUPER SPOT | **SPOT** | **FLOOD** | **WIDE FLOOD**

PROFESSIONAL ACCESSORIES

\+

INTERNAL ACCESSORIES
(Choose only one)

Diffusing Glass

Blade Louver

Elliptical Distribution Refractor

\+

EXTERNAL ACCESSORIES
(Choose only one)

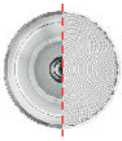
Protection Grid (for IK10)

Cylindrical Screen

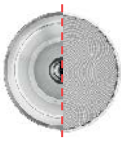
45° Cylindrical Screen

OPTI BEAM LENS + REFRACTORS

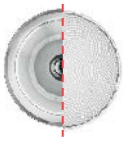
4°
Super Spot



16°
Spot



30°
Flood



44°
Wide Flood

FAMILY OVERVIEW

NM - MINI
Ø10" (Ø254mm)

SUPER SPOT 4° | **SPOT 16°** | **FLOOD 30°**

WIDE FLOOD 50° | **WALL WASHER**

SM - SMALL
Ø12.5" (Ø313mm)

SUPER SPOT 4° | **SPOT 16°** | **FLOOD 30°**

WIDE FLOOD 50° | **WALL WASHER**

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)

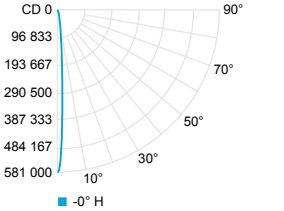
FLOOD 36° | **WIDE FLOOD 46°** | **VERY WIDE FLOOD 78°**

PHOTOMETRIC DATA

CCT (K)	CRI	OUTPUT	LOAD* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	BO	95.7	Super spot 4°	7,238	75	580,581	IAGR-MM-BO-830-SS
			131	Spot 16°	14,630	111	135,302	IAGR-MM-BO-830-SP
				Flood 30°	14,440	110	51,197	IAGR-MM-BO-830-FL
				Wide flood 44°	14,060	107	22,004	IAGR-MM-BO-830-WF
		HO	126.3	Super spot 4°	9,000	71	721,966	IAGR-MM-HO-830-SS
			175.7	Spot 16°	18,480	105	170,907	IAGR-MM-HO-830-SP
				Flood 30°	18,240	103	64,670	IAGR-MM-HO-830-FL
				Wide flood 44°	17,760	101	27,794	IAGR-MM-HO-830-WF

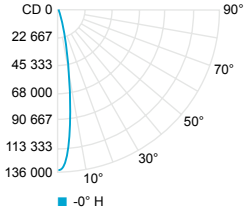
*Power can vary with selected drivers. Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

BO Super spot 4° (3000K, 80CRI)



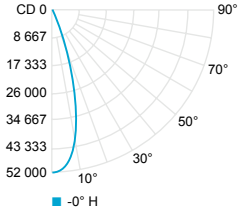
	Center beam fc	Beam width ft
2ft	103 031	0.2
4ft	25 758	0.3
6ft	11 448	0.5
8ft	6 439	0.6
10ft	4 121	0.8
12ft	2 862	0.9

BO Spot 16° (3000K, 80CRI)



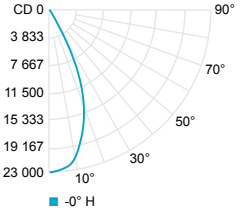
	Center beam fc	Beam width ft
2ft	33 826	0.5
4ft	8 456	1.1
6ft	3 758	1.6
8ft	2 114	2.1
10ft	1 353	2.7
12ft	940	3.3

BO Flood 30° (3000K, 80CRI)



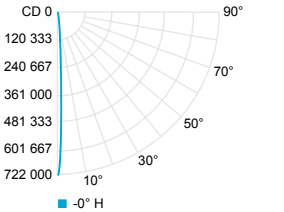
	Center beam fc	Beam width ft
2ft	12 799	1.0
4ft	3 200	2.1
6ft	1 422	3.1
8ft	800	4.2
10ft	512	5.2
12ft	356	6.2

BO Wide flood 44° (3000K, 80CRI)



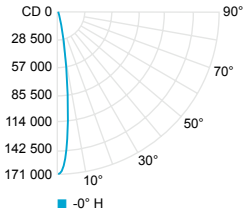
	Center beam fc	Beam width ft
2ft	5 501	1.6
4ft	1 375	3.2
6ft	611	4.9
8ft	344	6.5
10ft	220	8.1
12ft	153	9.7

HO Super spot 4° (3000K, 80CRI)



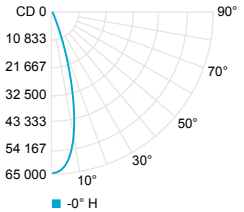
	Center beam fc	Beam width ft
2ft	180 492	0.2
4ft	45 123	0.3
6ft	20 055	0.5
8ft	11 281	0.6
10ft	7 220	0.8
12ft	5 014	0.9

HO Spot 16° (3000K, 80CRI)



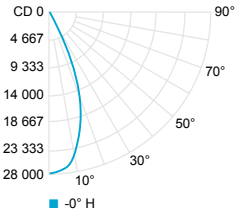
	Center beam fc	Beam width ft
2ft	42 727	0.5
4ft	10 682	1.1
6ft	4 747	1.6
8ft	2 670	2.1
10ft	1 709	2.7
12ft	1 187	3.3

HO Flood 30° (3000K, 80CRI)



	Center beam fc	Beam width ft
2ft	16 168	1.0
4ft	4 042	2.1
6ft	1 796	3.1
8ft	1 010	4.2
10ft	647	5.2
12ft	449	6.2

HO Wide flood 44° (3000K, 80CRI)



	Center beam fc	Beam width ft
2ft	6 949	1.6
4ft	1 737	3.2
6ft	772	4.9
8ft	434	6.5
10ft	278	8.1
12ft	193	9.7

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**