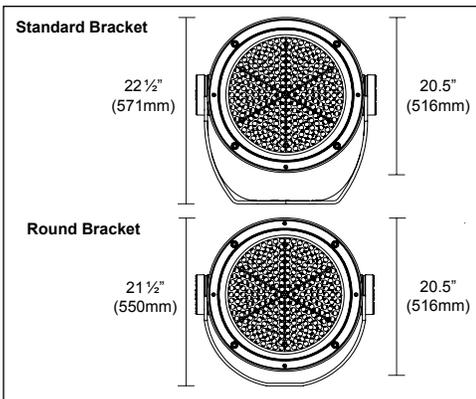


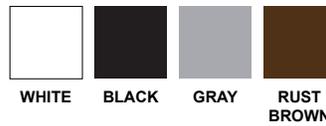
High-performance outdoor architectural floodlight enhancing urban spaces and bringing life to cities.

FEATURES

- Delivers 10,725 – 28,606 lumens at 3000K, 80CRI
- Up to 112 lm/W at 3000K, 80CRI
- Pole specification [page 2-3](#)
- 0-10V or DMX-RDM dimming down to 10%
- Additional sizing available: Ø8", Ø10", Ø12.5", or Ø14.5" [↗](#)
- RGBW available with Ø12.5", Ø14.5", or Ø20.5"
- Max candela of 37,081 – 1,221,325
- Consult factory for further customization
- Full specification available [page 6](#)

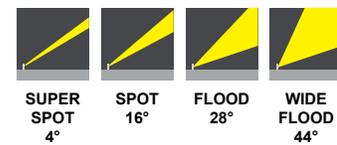


FINISH OPTIONS



Consult factory for custom finishes

OPTIC OPTIONS



ORDERING INFO

PRODUCT CODE

EXAMPLE: IAGR-LM-BO-827-SP-REM-02

MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH
IAGR With standard bracket	LM Large Ø20.5" (516mm)	HE¹ High efficiency (153.3W)	822² 2200K, 80CRI	SS Super Spot, 4°	REM Remote	01 White
IAGRS With round bracket		BO Base Output (154.8–215.5W)	827 2700K, 80CRI	SP Spot, 16°		02 Black
		HO High Output (193–268.6W)	830 3000K, 80CRI	FL Flood, 28°		15 Gray
		VHO¹ Very High output (203.3W)	835³ 3500K, 80CRI	WF Wide Flood, 44°		F5 Rust Brown
			840 4000K, 80CRI			
			935¹ 3500K, 90CRI			

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

ACCESSORIES

To be ordered separately.
More information on all accessories on [page 3](#).

CONNECTION ACCESSORY CODE

EXAMPLE: IX765+IX768

CONNECTION ACCESSORIES	
IP68 CONNECTION KIT	RESISTOR DMX KIT
<input type="checkbox"/> IX765 3 way male/female junction for serie connection, 600V	<input type="checkbox"/> RES-058-KIT End of line 120 ohms thermal resistance kit
<input type="checkbox"/> IX768 3 poles male + female connector, 600V	
<input type="checkbox"/> 4543-00 Connection box	

OPTIC ACCESSORY CODE

EXAMPLE: IX508+IX512

OPTIC ACCESSORIES	
EXTERNAL (1 MAX)	INTERNAL (1 MAX)
<input type="checkbox"/> IX508 Protection Grid (for IK10)	<input type="checkbox"/> IX512 Elliptical Distribution Refractor
<input type="checkbox"/> IX509 Cylindrical Screen	<input type="checkbox"/> IX513 Diffusing Glass
<input type="checkbox"/> IX510 Cylindrical Screen 30°/45°	<input type="checkbox"/> IX511 Longitudinal Louver

DRIVER CODE

EXAMPLE: 4449-0585-267-UNV-D10

DRIVER

Driver options are available on [page 4](#).

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.



Agorà (LM) + Cylindrical Screen EPA 3.06ft² (0,284m²)

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

FINISH

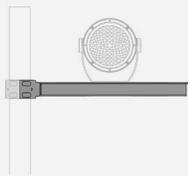
01
White

02
Black

15
Gray

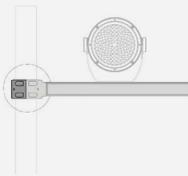
F5
Rust Brown

POLE INSTALLATION WITH ARMS



IX570
Arm for 1 floodlight

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
For large model with short
bracket IAGRS (IX553)



IX658
For up side application
For large model with
standard bracket IAGR
(IX550)

POLE INSTALLATION WITH FLANGES



IX738
Minimal flange

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

MANDATORY ADAPTOR FOR MINIMAL FLANGE IX738



IX739
For large model with
standard bracket IAGR
(IX550)

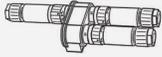
CONNECTION ACCESSORIES

To be ordered separately.

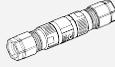
For available configurations and details on installation, consult the instruction sheet.

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)



IX508
Protection Grid (for IK10)
(Stainless Steel)



IX509
Cylindrical Screen
(Black)



IX510
Cylindrical Screen 30°/45°
(Black)

INTERNAL (1 MAX)



IX512
Refractor for elliptical
distribution



IX513
Diffusing Glass



IX511
Longitudinal Louver
(Black)

REMOTE LED DRIVER OPTIONS

DRIVER CODE EXAMPLE: 4449-0585-267-UNV-D10

INDOOR RATED Driver Box Models	Min-max units					
	For All Models			For SS Optics Only		
	BO (198W)	HO (248W)	HE (143W)	BO (134W)	HO (176W)	VHO (190W)
4449-0585-267-UNV-D10			1			
4449-0585-267-UNV-DMX			1			
4449-0780-320-UNV-D10						1
4449-0780-320-UNV-DMX						1
4449-0840-320-UNV-D10	1					
4449-0840-320-UNV-DMX	1					
4446-0840-456-UNV-D10	2					
4446-0840-456-UNV-DMX	2					
4449-0855-195-UNV-D10				1		
4449-0855-195-UNV-DMX				1		
4446-0855-465-UNV-D10				2-3		
4446-0855-465-UNV-DMX				2-3		
4449-1050-320-UNV-D10		1				
4449-1050-320-UNV-DMX		1				
4446-1050-571-UNV-D10		2				
4446-1050-571-UNV-DMX		2				
4449-1125-240-UNV-D10					1	
4449-1125-240-UNV-DMX					1	
4446-1125-612-UNV-D10					2-3	
4446-1125-612-UNV-DMX					2-3	

OUTDOOR RATED Driver Box Models	Min-max units					
	For All Models			For SS Optics Only		
	BO (198W)	HO (248W)	HE (143W)	BO (134W)	HO (176W)	VHO (190W)
4555-0585-267-UNV-D10			1			
4555-0585-267-UNV-DMX			1			
4555-0780-320-UNV-D10						1
4555-0780-320-UNV-DMX						1
4555-0840-320-UNV-D10	1					
4555-0840-320-UNV-DMX	1					
4557-0840-456-UNV-D10	2					
4557-0840-456-UNV-DMX	2					
4555-0855-195-UNV-D10				1		
4555-0855-195-UNV-DMX				1		
4557-0855-465-UNV-D10				2-3		
4557-0855-465-UNV-DMX				2-3		
4555-1050-320-UNV-D10		1				
4555-1050-320-UNV-DMX		1				
4557-1050-571-UNV-D10		2				
4557-1050-571-UNV-DMX		2				
4555-1125-240-UNV-D10					1	
4555-1125-240-UNV-DMX					1	
4557-1125-612-UNV-D10					2-3	
4557-1125-612-UNV-DMX					2-3	

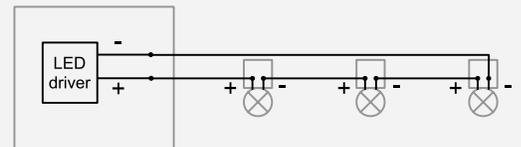
DRIVER BOX MODEL DESCRIPTION

MODEL (L × W × H)	CONSTANT CURRENT	WATTAGE	VOLTAGE	DIMMING PROTOCOL
4446 16" × 12" × 4" (406 × 305 × 102mm)	0585 to 1125 585mA to 1125mA	195 to 612 195W to 612W	UNV 120-277V	D10 0-10V Max distance: 100m (330ft)* (down to 10%)
4449 12" × 8" × 4" (305 × 203 × 102mm)				DMX DMX-RDM Max distance: 100m (330ft)* (down to 10%)
4555 13" × 9" × 4.5" (330 × 229 × 114mm)				
4557 15.75" × 9" × 7.1" (400 × 229 × 180mm)				

*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)

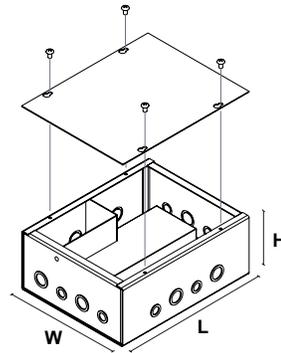
4555

13" × 9" × 4.5"
(330 × 229 × 114mm)

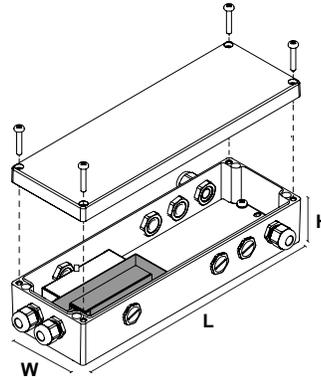
4557

15.75" × 9" × 7.1"
(400 × 229 × 180mm)

INDOOR RATED



OUTDOOR RATED



SPECIFICATIONS

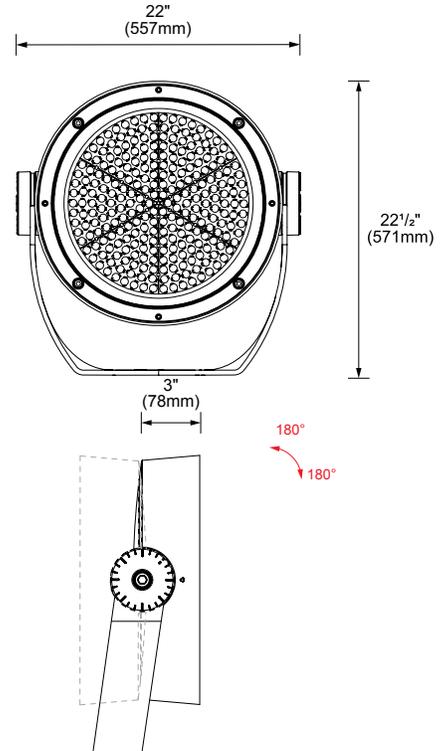
Luminaire characteristic:	Power input system: 153.3W to 268.6W Lumens system for 3000K, 80CRI: 10 725lm to 28 606lm Luminaire efficacy for 3000K, 80CRI: Up to 112lm/W
Source:	White LED (LM-80), 2200K: 80CRI, 2700K: 80CRI, 3000K: 80CRI, 3500K: 80CRI, (90CRI, SS optic only) 4000K: 80CRI.
Lumen maintenance:	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:	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:	HE: -30°C to 50°C (-22°F to 122°F); BO: -30°C to 50°C (-22°F to 122°F); HO: -30°C to 35°C (-22°F to 95°F); VHO: -30°C to 35°C (-22°F to 95°F);
Weight:	LM - large Ø20.5" 30.42lb (13.8kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK08
Certification:	cULus listed for wet location.



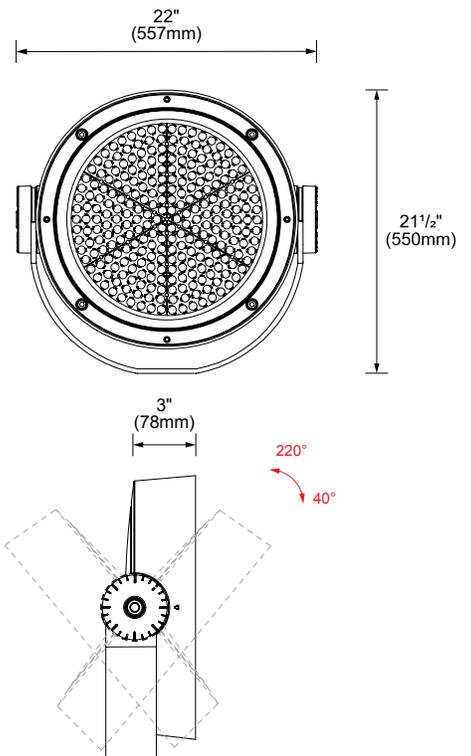
DIMENSIONS

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

WITH STANDARD BRACKET



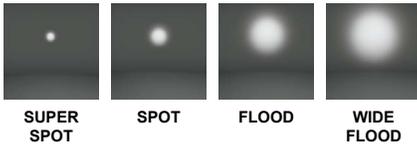
WITH SHORT BRACKET



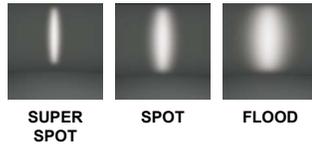
PROFESSIONAL OPTICS

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

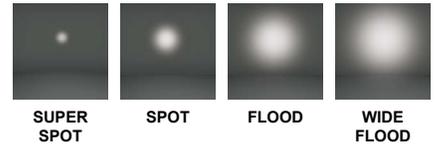
Primary Optics



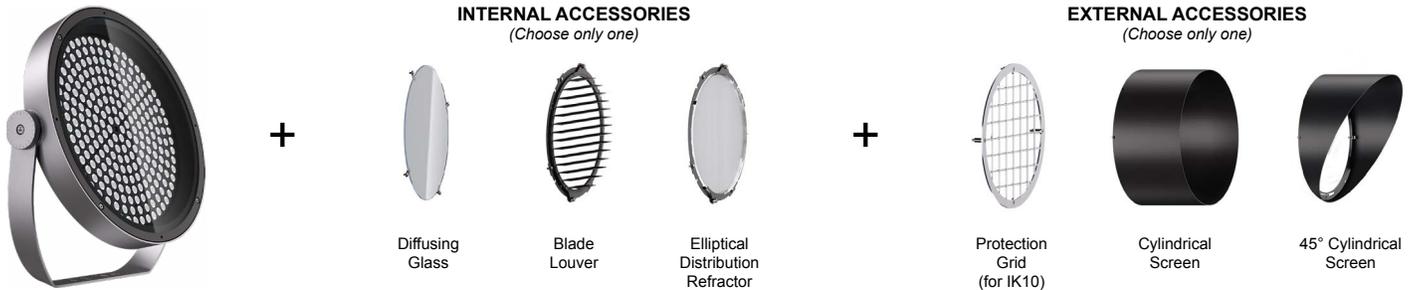
With Elliptical Distribution Refractor



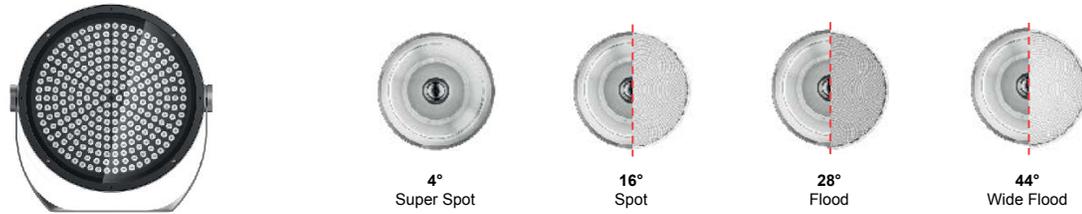
With Diffuser Glass



PROFESSIONAL ACCESSORIES



OPTI BEAM LENS + REFRACTORS



FAMILY OVERVIEW

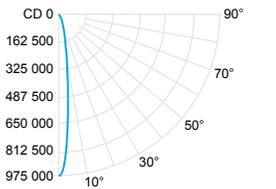


PHOTOMETRIC DATA

CCT (K)	CRI	OUTPUT	LOAD* (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	HE	153.3	Super spot 4°	12,150	78	974,654	IAGR-LM-HE-830-SS
		BO	154.8	Super spot 4°	10,725	69	860,342	IAGR-LM-BO-830-SS
			215.5	Spot 16°	24,255	112	228,114	IAGR-LM-BO-830-SP
				Flood 28°	23,940	111	86,339	IAGR-LM-BO-830-FL
				Wide flood 44°	23,310	108	37,081	IAGR-LM-BO-830-WF
		HO	193	Super spot 4°	13,125	68	1,052,867	IAGR-LM-HO-830-SS
			268.6	Spot 16°	28,606	106	269,029	IAGR-LM-HO-830-SP
				Flood 28°	28,234	105	101,825	IAGR-LM-HO-830-FL
				Wide flood 44°	27,490	102	43,732	IAGR-LM-HO-830-WF
		VHO	203.3	Super spot 4°	15,225	74	1,221,325	IAGR-LM-VHO-830-SS

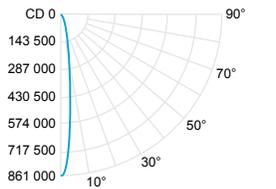
*Power can vary with selected drivers. Use multiplier table for other CCT and CRI output data. Efficacy based on IESNA LM-79 test reports. Visit iguzzini.com/us for complete photometric data.

HE Super spot 4° (3000K, 80CRI)



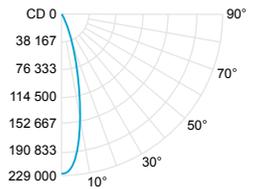
Center beam fc	Beam width ft
2ft	243 664 0.2
4ft	60 916 0.3
6ft	27 074 0.5
8ft	15 229 0.6
10ft	9 747 0.8
12ft	6 768 0.9

BO Super spot 4° (3000K, 80CRI)



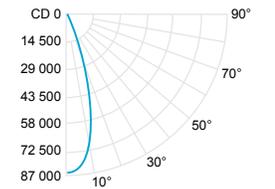
Center beam fc	Beam width ft
2ft	215 086 0.2
4ft	53 771 0.3
6ft	23 898 0.5
8ft	13 443 0.6
10ft	8 603 0.8
12ft	5 975 0.9

BO Spot 16° (3000K, 80CRI)



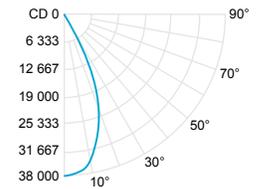
Center beam fc	Beam width ft
2ft	57 029 0.5
4ft	14 257 1.1
6ft	6 337 1.6
8ft	3 564 2.1
10ft	2 281 2.7
12ft	1 584 3.3

BO Flood 28° (3000K, 80CRI)



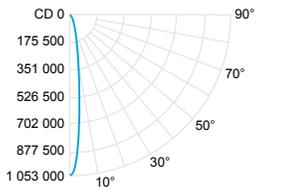
Center beam fc	Beam width ft
2ft	21 858 1.0
4ft	5 396 2.1
6ft	2 398 3.1
8ft	1 349 4.2
10ft	863 5.2
12ft	600 6.1

BO Wide flood 44° (3000K, 80CRI)



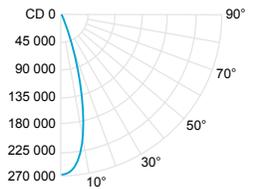
Center beam fc	Beam width ft
2ft	9 270 1.6
4ft	2 318 3.2
6ft	1 030 4.8
8ft	579 6.4
10ft	371 8.0
12ft	258 9.7

HO Super spot 4° (3000K, 80CRI)



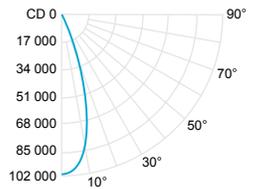
Center beam fc	Beam width ft
2ft	263 217 0.2
4ft	65 804 0.3
6ft	29 246 0.5
8ft	16 451 0.6
10ft	10 529 0.8
12ft	7 312 0.9

HO Spot 16° (3000K, 80CRI)



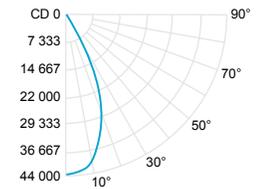
Center beam fc	Beam width ft
2ft	67 257 0.5
4ft	16 814 1.1
6ft	7 473 1.6
8ft	4 204 2.1
10ft	2 690 2.7
12ft	1 868 3.3

HO Flood 28° (3000K, 80CRI)



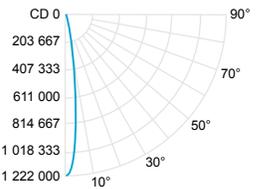
Center beam fc	Beam width ft
2ft	25 456 1.0
4ft	6 364 2.1
6ft	2 828 3.1
8ft	1 591 4.2
10ft	1 018 5.2
12ft	707 6.1

HO Wide flood 44° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	10 933 1.6
4ft	2 733 3.2
6ft	1 215 4.8
8ft	683 6.4
10ft	437 8.0
12ft	304 9.7

VHO Super spot 4° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	305 331 0.2
4ft	76 333 0.3
6ft	33 926 0.5
8ft	19 083 0.6
10ft	12 213 0.8
12ft	8 481 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