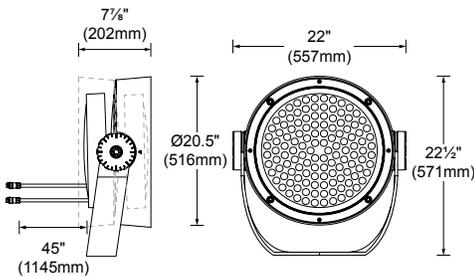




Standard Bracket



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

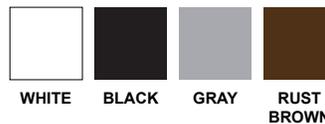
## FEATURES

- Delivers 10,208 – 13,335lm at 3000K, 80CRI
- Up to 69lm/W at 3000K, 80CRI
- DMX for RGBW (120-277V)
- Additional sizing available: Ø12.5" or Ø14.5"
- Max candela of 17,126 – 390,002
- Consult factory for further customization
- Full specification available [page 7](#)

HIGH OUTPUT (208.4W)			
Optic	Lumens (lm)	Efficacy (lm/W)	Max Candela (cd)
Super Spot 8°	13,335	63	390,002
Spot 16°	12,573	60	127,544
Flood 28°	12,382	59	46,348
Wide Flood 42°	12,192	58	20,455

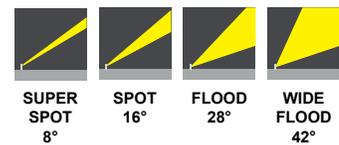
For high output, 3000K, 80CRI

## FINISH OPTIONS



Consult factory for custom finishes

## OPTIC OPTIONS



## ORDERING INFO

### PRODUCT CODE

EXAMPLE: IAGR-LM-BO-RGBW-SP-REM-02-DMX

MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
IAGR With standard bracket	LM Large Ø20.5" (516mm)	BO Base Output (160.5W)	RGBW RGBW LED	SS Super Spot, 8°	REM Remote	01 White	DMX <sup>2</sup> DMX
		HO High Output (208.4W)		SP Spot, 14°		02 Black	
				FL Flood, 28°		15 Gray	
				WF Wide Flood, 42°		F5 Rust Brown	
						RAL# <sup>1</sup> Custom RAL	

1. Additional fees may apply for custom finish. Contact factory for details.
2. Integral DMX card

## ACCESSORIES

To be ordered separately.

### OPTIC ACCESSORY CODE

EXAMPLE: IX508+IX512

### OPTIC ACCESSORIES - More information on [page 2](#).

#### EXTERNAL (1 MAX)

- IX508 Protection Grid (for IK10)
- IX509 Cylindrical Screen
- IX510 Cylindrical Screen 30°/45°

#### INTERNAL (1 MAX)

- IX512 Elliptical Distribution Refractor
- IX513 Diffusing Glass
- IX511 Longitudinal Louver

### CONNECTION ACCESSORY CODE

EXAMPLE: IBZQ7+IX555+IX556

### CONNECTION ACCESSORIES - More information on [page 3-4](#).

IBZQ7 Silicone end cap for connectors + 120 ohm thermal resistance

IX555 5 poles male connector IP68 with wetproof end cap

IX556 5 poles female/male connector IP68

4543-00 Wet location junction box

IX963 Cable kit including

IX964 6 poles female/male connector IP68

IX965 Cable kit for parallel connection

### DRIVER CODE

EXAMPLE: IX957

### DRIVER

Driver options are available on [page 2](#).

## OPTIC ACCESSORIES

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

EXTERNAL (1 MAX)			INTERNAL (1 MAX)		
					
<b>IX508</b> Protection Grid (for IK10) (Stainless Steel)	<b>IX509</b> Cylindrical Screen (Black)	<b>IX510</b> Cylindrical Screen 30°/45° (Black)	<b>IX512</b> Refractor for elliptical distribution	<b>IX513</b> Diffusing Glass (Black)	<b>IX511</b> Longitudinal Louver (Black)

## REMOTE LED DRIVER OPTIONS

For max cable length, consult instruction sheet.

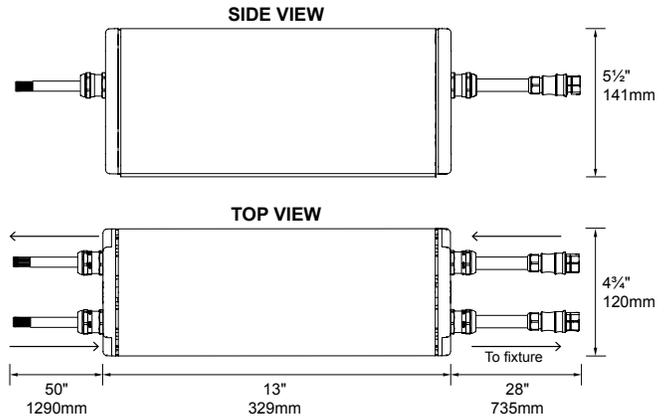
INCLUDED



### OUTDOOR RATED

Driver Box Models

PS Power	Min-max units	
	BO (147W)	HO (186W)
<b>IX957</b> Remote PSU CV48V, 120-227V (UNV) 240W + included mounting bracket I1172.	1	1
<b>IX958</b> Remote PSU CV48V, 120-227V (UNV) 480W + included mounting bracket I1172.	2	2



## EXTRA MOUNTING BRACKET

**EXTRA MOUNTING BRACKET**

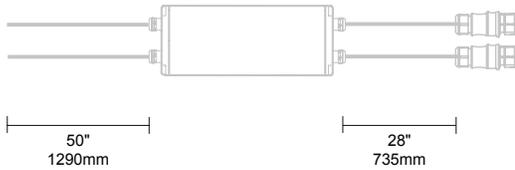


**I1172**  
PSU mounting bracket  
(Included with remote PSU)  
8.07 x 4.17 x 0.79" (205 x 106 x 20mm)

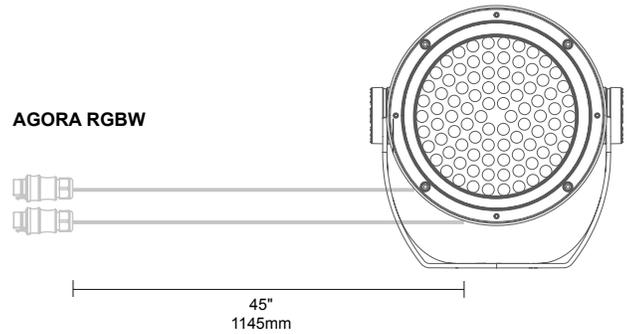
## CONNECTION ACCESSORIES

To be ordered separately.

### OUTDOOR RATED DRIVER BOX

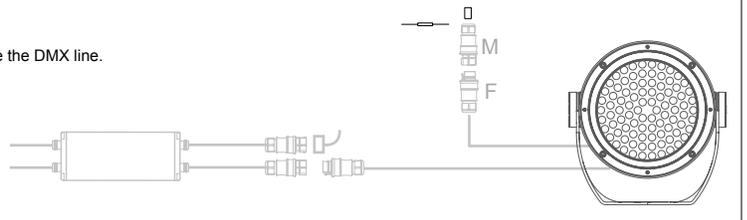
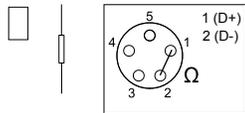


### AGORA RGBW



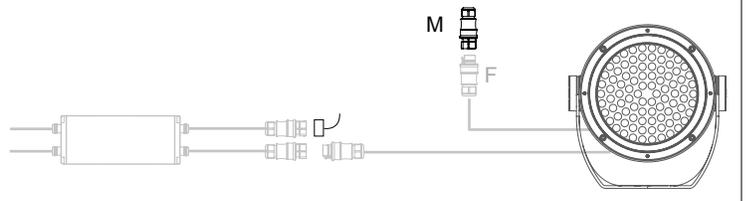
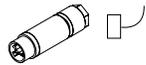
#### IBZQ7

Silicone end cap for connectors  
+ 120 ohm thermal resistance. Add this accessory onto the last module output connector to close the DMX line.



#### IX555

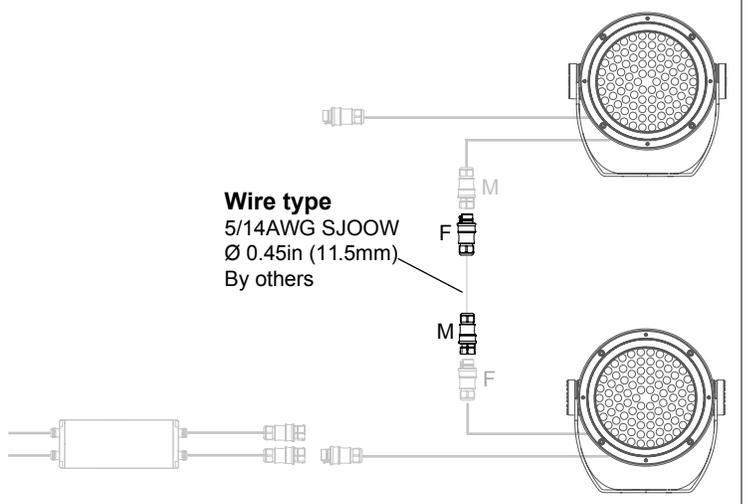
5 poles male connector IP68  
with wetproof end cap



#### IX556

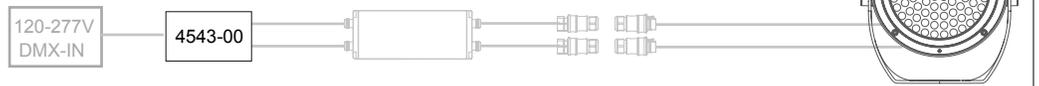
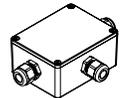
5 poles female/male connector IP68

Connector to achieve extension between 2 fixtures or between fixture and driver box.  
Basic cable length between 2 fixtures : 90in (45in from each Agora).  
Basic cable length between fixture and driver box: 72in.  
Cable not included



#### 4543-00

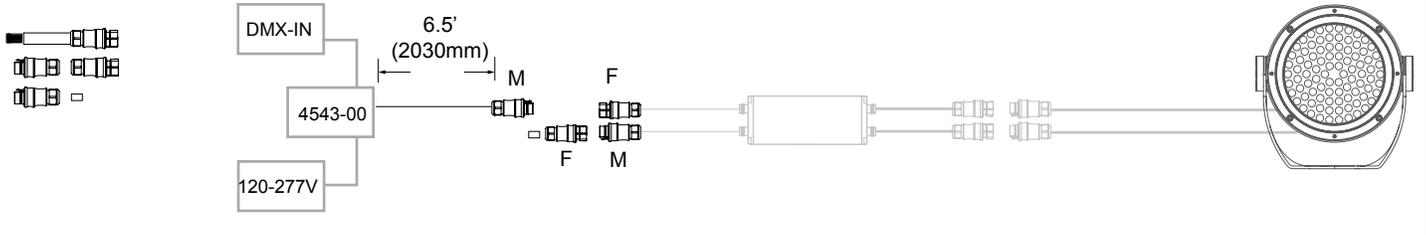
Wet location junction box. 3.5 x 4.5 x 2.25in (90 x 115 x 55mm)  
Dimension with cable clamps 4.6 x 6.75 x 2.25in (116 x 171 x 55mm)  
Includes 3 cable clamps for Ø0.19 to 0.43in (4.8 to 11mm) cable and 1 plug.



### IX963

Cable kit including:

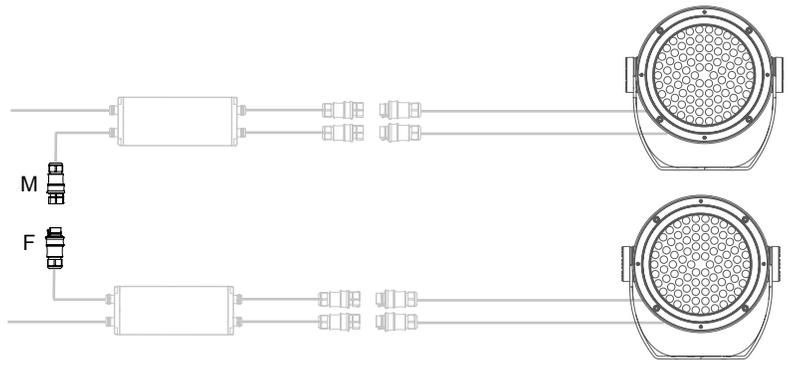
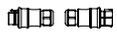
- 1- 6.5ft of 6 conductor cable with male connector IP68 on one end.
- 2- 6 poles male connector IP68 (qty 1)
- 3- 6 poles females connector IP68 (qty 2)
- 4- Silicone end cap
- 5- 120 ohm resistance



### IX964

6 poles female/male connector IP68

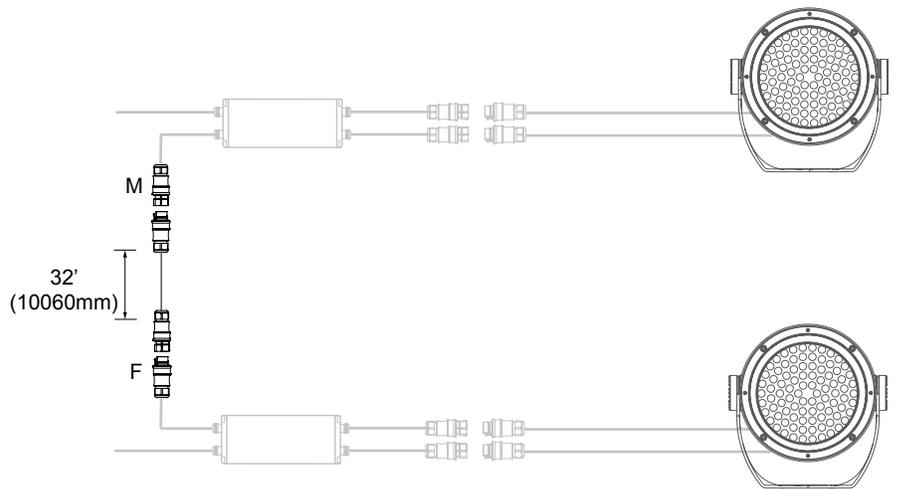
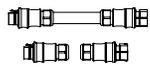
Connector to achieve parallel connection between 2 driver boxes.



### IX965

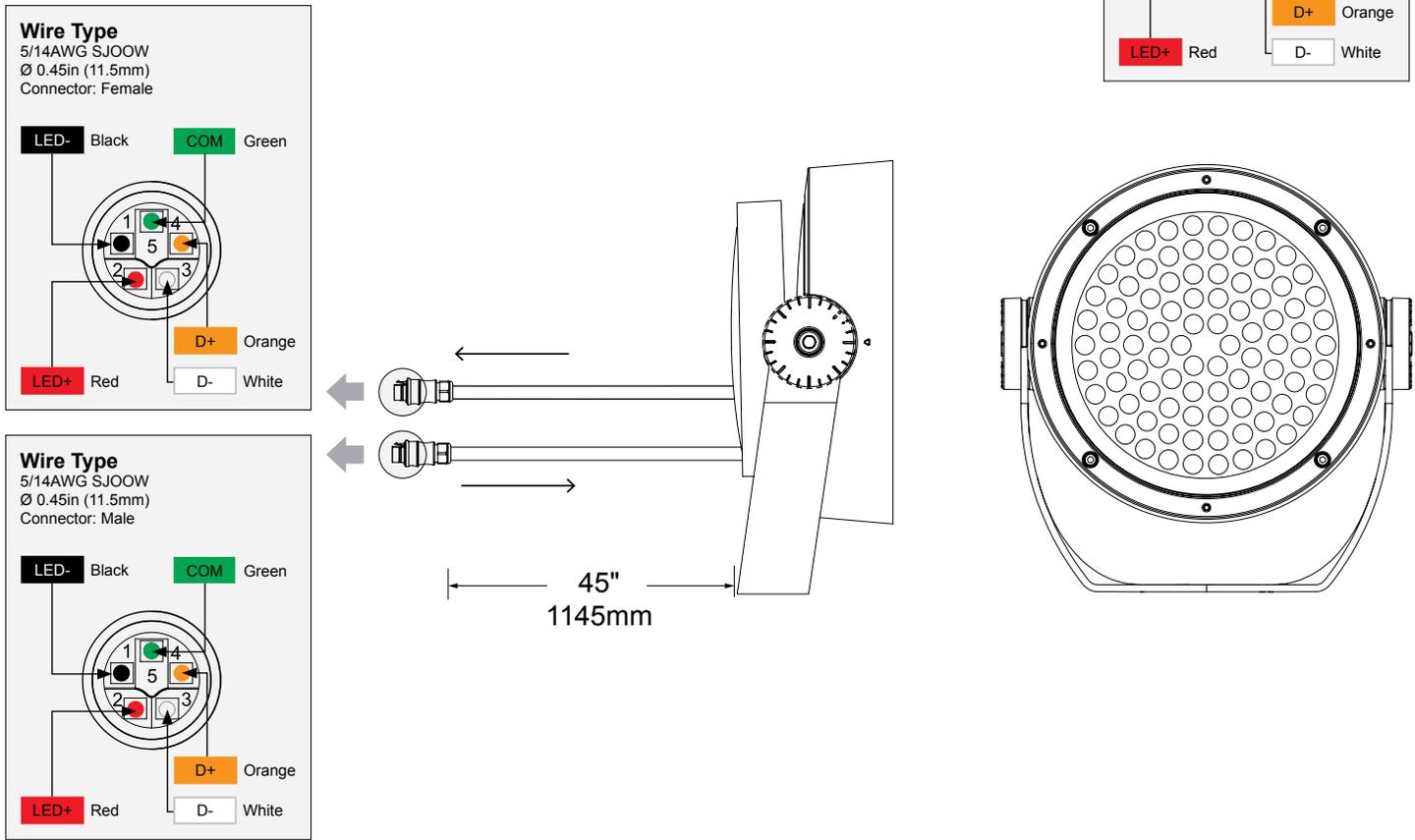
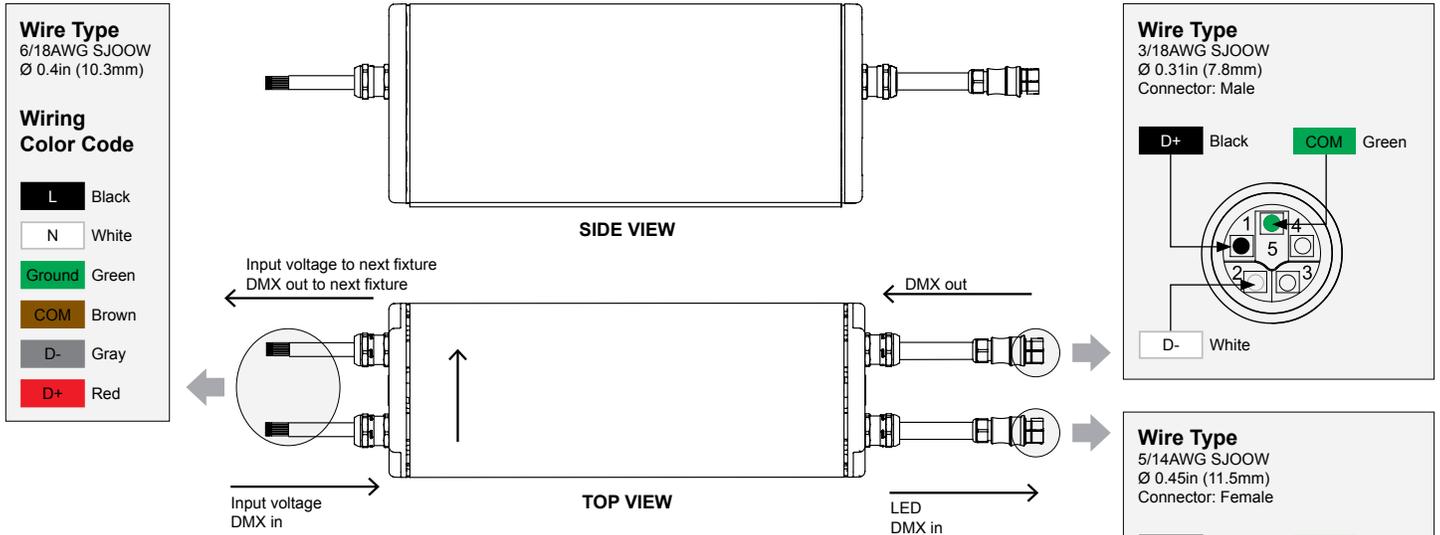
Cable kit including:

- 1- 32ft of 6 conductor cable with male connector IP68 on one end and female connector IP68 on the other end.
  - 2- 6 poles male connector IP68 (qty 1)
  - 3- 6 poles females connector IP68 (qty 1)
- For parallel connection.



## PRODUCT WIRING OVERVIEW

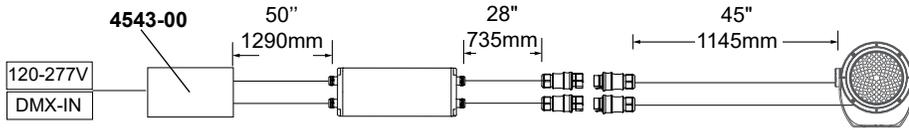
Consult the instruction sheet for more details.



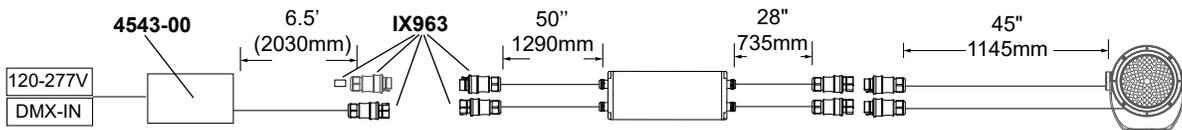
## SETUP EXAMPLE

Consult the instruction sheet for more details.

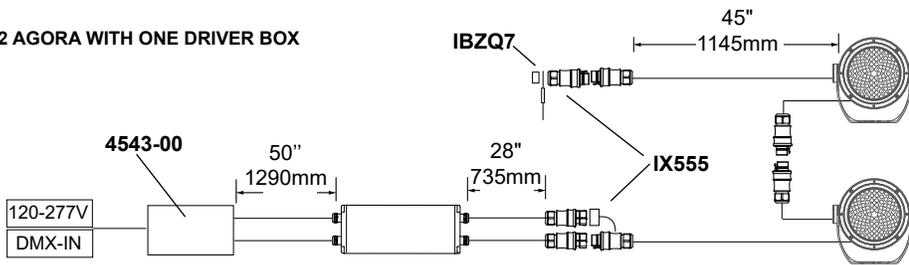
### ONE AGORA WITH ONE DRIVER BOX



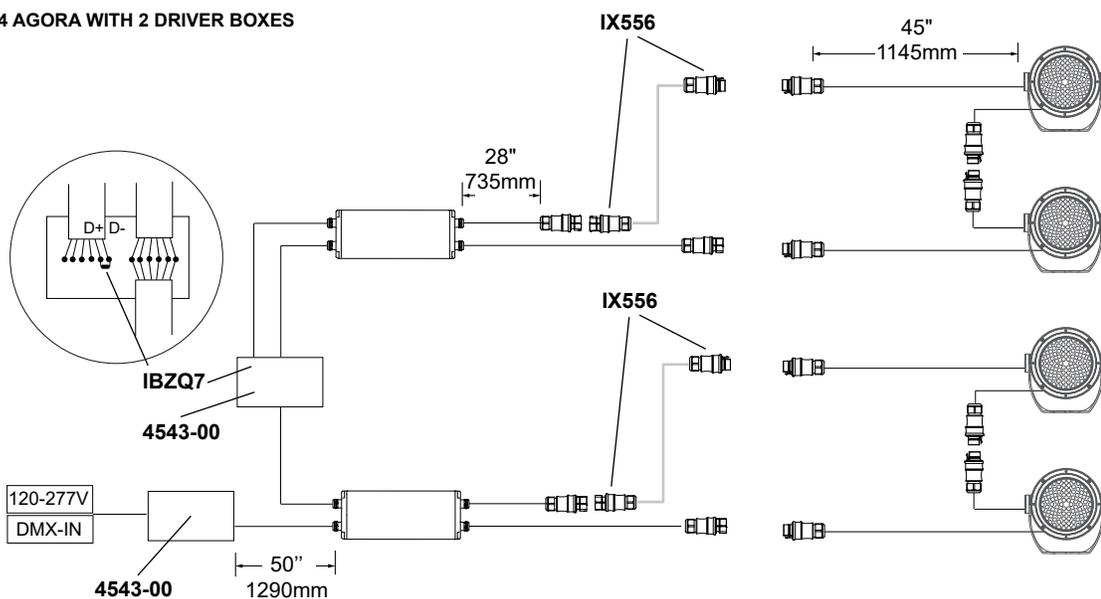
### ONE AGORA WITH ONE DRIVER BOX



### 2 AGORA WITH ONE DRIVER BOX



### 4 AGORA WITH 2 DRIVER BOXES



## SPECIFICATIONS

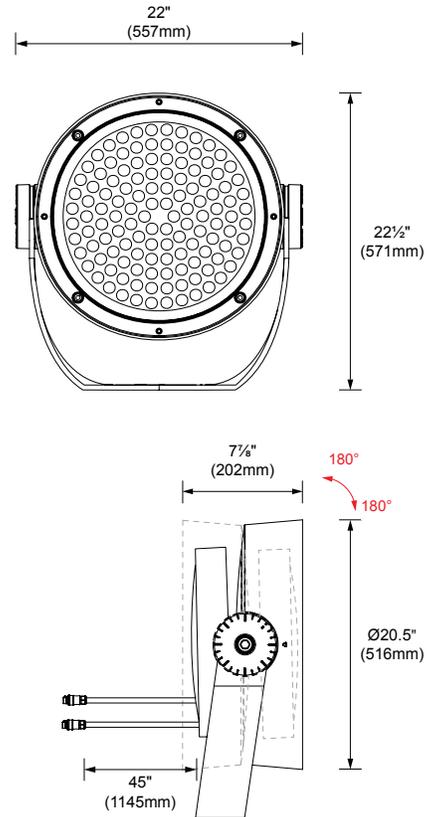
<b>Luminaire characteristic:</b>	Power input system: 160.5W to 208.4W Lumens system for 3000K, 80CRI: 10,208lm to 13,335lm Luminaire efficacy for 3000K, 80CRI: Up to 69lm/W
<b>Source:</b>	RGBW white LED: 3000K 80CRI
<b>Lumen maintenance:</b>	80% of initial lumens at 100 000 hours (L80 B10) T77°F (25°C) 80% of initial lumens at 92 000 hours (L80 B10) T104°F (40°C)
<b>Optic:</b>	Available in Super Spot, spot, Flood and Wide Flood. Full line of professional accessories ( <a href="#">page 2</a> ).
<b>Material:</b>	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.
<b>Adjustment:</b>	Adjustable allows up to 70° rotation about the vertical, (see instruction sheet for details on adjustment) Adjustable 360° from horizontal line (tilt).
<b>Electrical:</b>	High efficiency dimmable LED driver, rated at 50 000 hours, 120V/277V. To be ordered separately. Integral DMX card. To achieve DMX RGBW, appropriate control system must be used. Comes with 45in of cable.
<b>Dimming:</b>	DMX for RGBW (120-277V)
<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>	BO: -30°C to 50°C (-22°F to 122°F); HO: -30°C to 35°C (-22°F to 95°F);
<b>Weight:</b>	LM - large Ø20.5" 49.11lb (22.28kg)
<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.

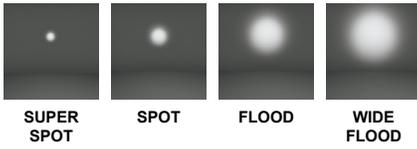
### WITH STANDARD BRACKET



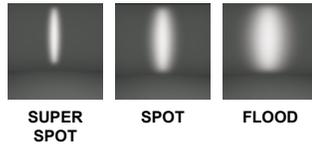
## PROFESSIONAL OPTICS

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

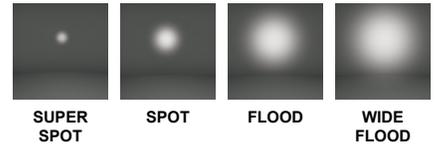
### Primary Optics



### With Elliptical Distribution Refractor



### With Diffuser Glass

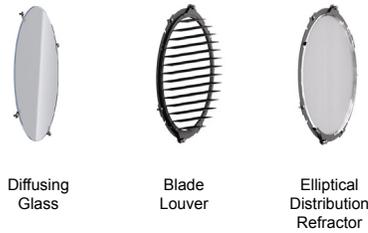


## PROFESSIONAL ACCESSORIES



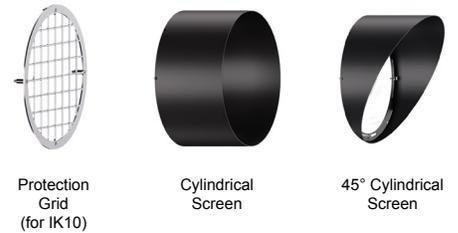
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### INTERNAL ACCESSORIES (Choose only one)

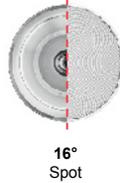


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### EXTERNAL ACCESSORIES (Choose only one)



## OPTI BEAM LENS + REFRACTORS



## FAMILY OVERVIEW



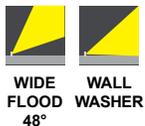
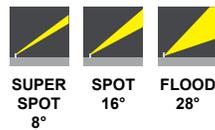
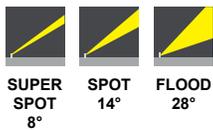
**SM - SMALL**  
Ø12.5" (Ø313mm)



**MM - MEDIUM**  
Ø14.5" (Ø368mm)



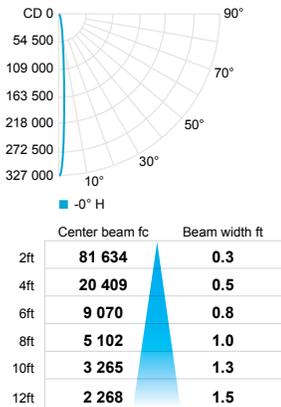
**LM - LARGE**  
Ø20.5" (Ø516mm)



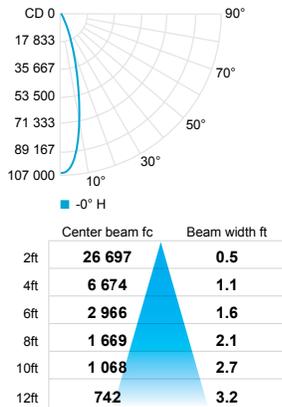
## PHOTOMETRIC DATA

CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	BO	160.5	Super Spot 8°	11,165	69	326,537	IAGR-LM-BO-RGBW-SS
				Spot 16°	10,527	65	106,789	IAGR-LM-BO-RGBW-SP
				Flood 28°	10,367	64	38,806	IAGR-LM-BO-RGBW-FL
				Wide Flood 42°	10,208	63	17,126	IAGR-LM-BO-RGBW-WF
		HO	208.4	Super Spot 8°	13,335	63	390,002	IAGR-LM-HO-RGBW-SS
				Spot 16°	12,573	60	127,544	IAGR-LM-HO-RGBW-SP
				Flood 28°	12,382	59	46,348	IAGR-LM-HO-RGBW-FL
				Wide Flood 42°	12,192	58	20,455	IAGR-LM-HO-RGBW-WF

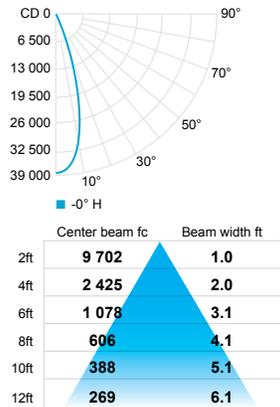
BO Super Spot 8° (3000K, 80CRI)



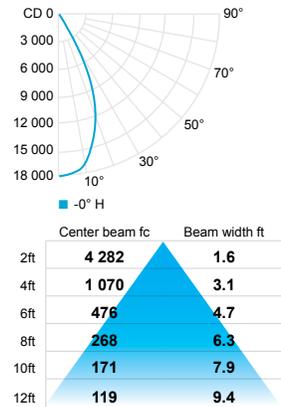
BO Spot 16° (3000K, 80CRI)



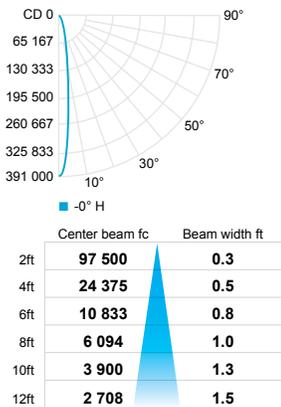
BO Flood 28° (3000K, 80CRI)



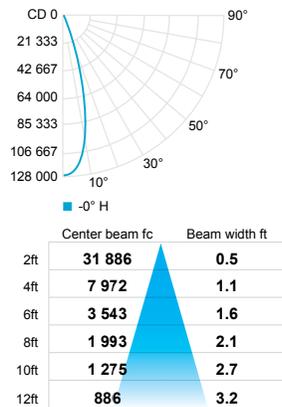
BO Wide Flood 42° (3000K, 80CRI)



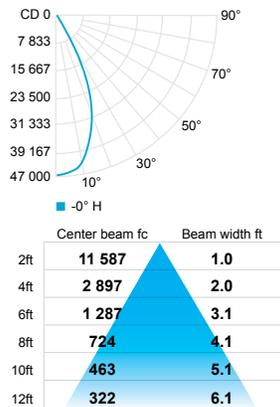
HO Super Spot 4° (3000K, 80CRI)



HO Spot 16° (3000K, 80CRI)



HO Flood 28° (3000K, 80CRI)



HO Wide Flood 44° (3000K, 80CRI)

