

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



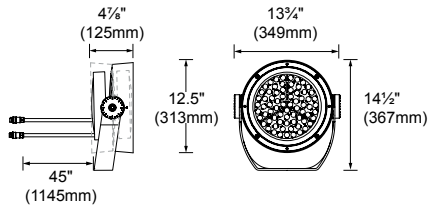
FEATURES

- Delivers 3,106 – 4,912 lm at 3000K, 80CRI
- Up to 70lm/W at 3000K, 80CRI
- DMX for RGBW (120-277V)
- Additional sizing available: $\varnothing 14.5"$ or $\varnothing 20.5"$
- Max candela of 3,278 – 166,300
- Consult factory for further customization
- Full specification available [page 7](#)

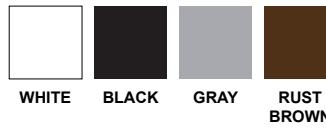
HIGH OUTPUT (75.2W)			
Optic	Lumens (lm)	Efficacy (lm/W)	Max Candela (cd)
Super Spot 8°	4,912	64	166,300
Spot 14°	4,643	61	54,446
Flood 28°	4,512	59	17,268
Wide flood 48°	4,585	60	6,679
Wall Washer	3,733	49	3,939

For high output, 3000K, 80CRI

Standard Bracket

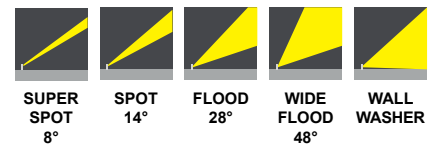


FINISH OPTIONS



Consult factory for custom finishes

OPTIC OPTIONS



5-Year
Limited
Warranty



IP66



IK08



3G
Vibration
Rating



CE Equivalent
Available



BRIGHTSTAR
AWARDS
HONOREE

ORDERING INFO

PRODUCT CODE

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

MODEL	SIZE	OUTPUT	LED	OPTIC	VOLTAGE	FINISH	DIMMING
IAGR With standard bracket	SM Small Ø12.5" (313mm)	BO Base Output (58.1W) HO High Output (75.2W)	RGBW RGBW LED	SS Super Spot, 8° SP Spot, 14° FL Flood, 28° WF Wide Flood, 48° WW Wall Washer	REM Remote	01 White 02 Black 15 Gray F5 Rust Brown RAL# ¹ Custom RAL	DMX ² DMX

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: IX496+IX500

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

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

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: IX956

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)		
					
IX496 Protection Grid (for IK10) (Stainless Steel)	IX497 Cylindrical Screen (Black)	IX498 Cylindrical Screen 30°/45° (Black)	IX500¹ Refractor for elliptical distribution	IX501¹ Diffusing Glass	IX499¹ Longitudinal Louver (Black)

¹ Not available for Wall Washer version.

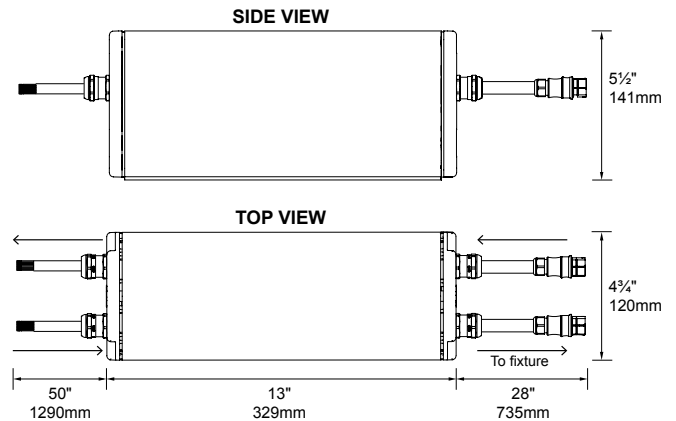
REMOTE LED DRIVER OPTIONS

For max cable length, consult instruction sheet.

INCLUDED

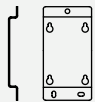


OUTDOOR RATED Driver Box Models	PS Power	Min-max units	
		BO (53W)	HO (68W)
IX956 Remote PSU CV48V, 120-227V (UNV) 120W + included mounting bracket I1172.	120W	2	1
IX957 Remote PSU CV48V, 120-227V (UNV) 240W + included mounting bracket I1172.	240W	4	3
IX958 Remote PSU CV48V, 120-227V (UNV) 480W + included mounting bracket I1172.	480W	8	6



EXTRA MOUNTING BRACKET

EXTRA MOUNTING BRACKET

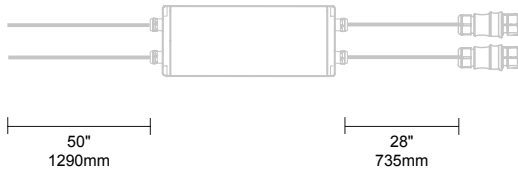


I1172
PSU mounting bracket
(Included with remote PSU)
8.07 x 4.17 x 0.79" (205 x 106 x 20mm)

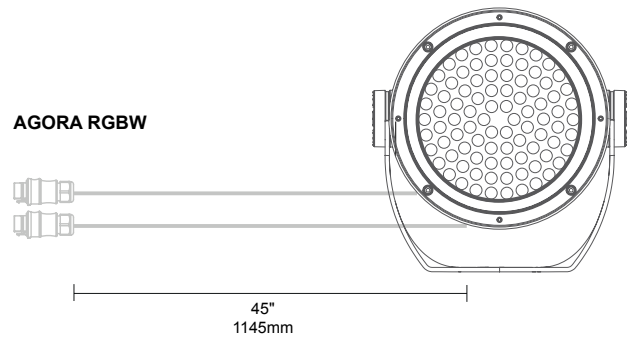
CONNECTION ACCESSORIES

To be ordered separately.

OUTDOOR RATED DRIVER BOX

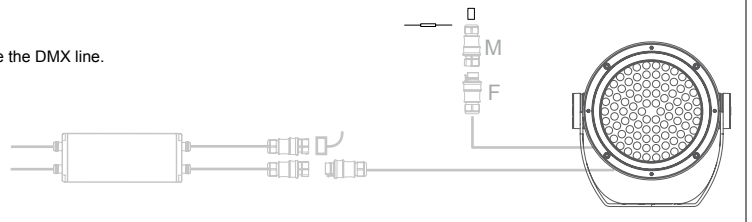
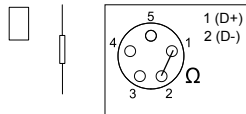


AGORA RGBW



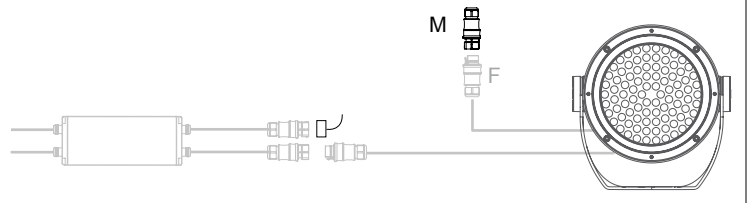
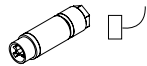
IBZQ7

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



IX555

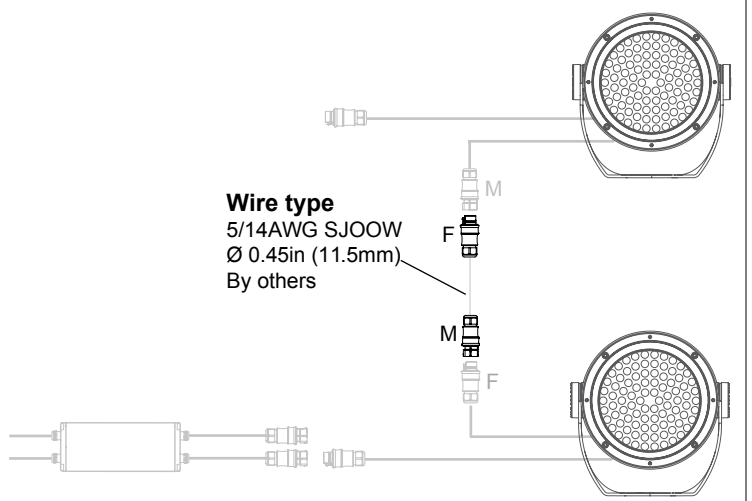
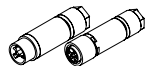
5 poles male connector IP68
with wetproof end cap



IX556

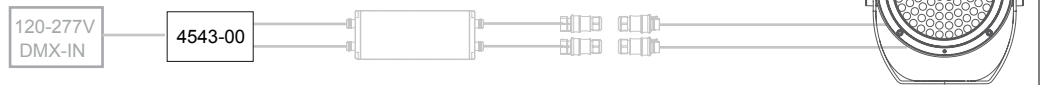
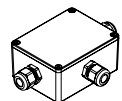
5 poles female/male connector IP68

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

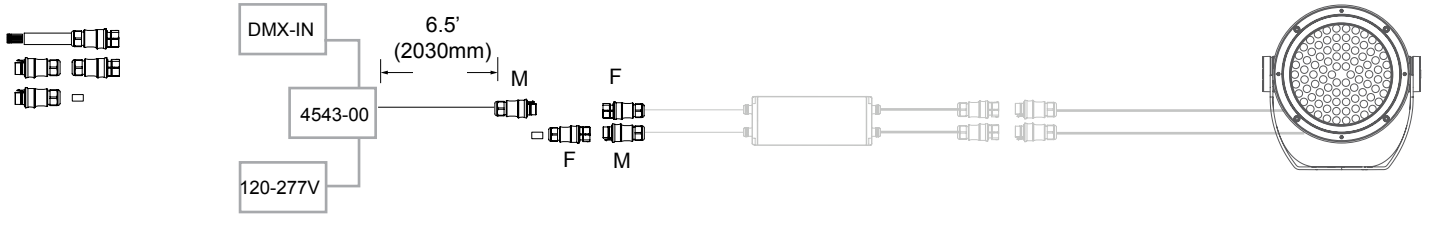
Wet location junction box. 3.5 x 4.5 x 2.25in (90 x 115 x 55mm)
Dimension with cable clamps 4.6 x 6.75 x 2.25in (116 x 171 x 55mm)
Includes 3 cable clamps for ø0.19 to 0.43in (4.8 to 11mm) cable and 1 plug.



IX963

Cable kit including:

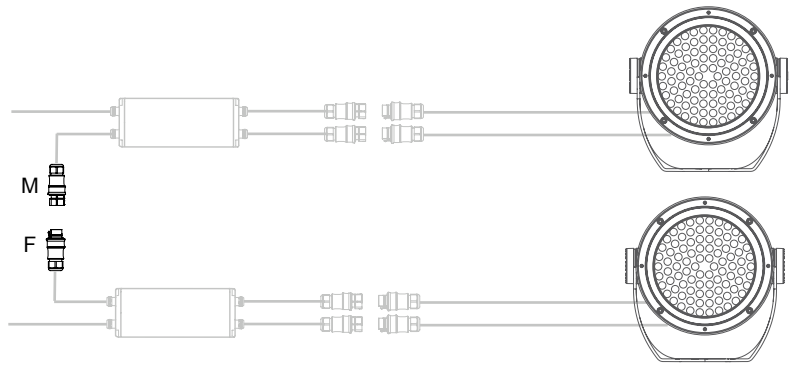
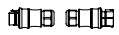
- 1- 6.5ft of 6 conductor cable with male connector IP68 on one end.
- 2- 6 poles male connector IP68 (qty 1)
- 3- 6 poles females connector IP68 (qty 2)
- 4- Silicone end cap
- 5- 120 ohm resistance



IX964

6 poles female/male connector IP68

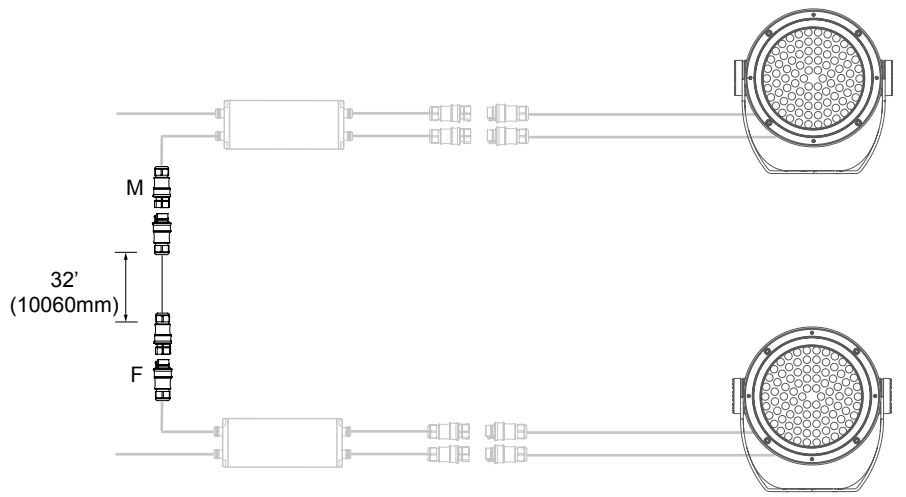
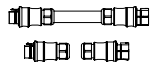
Connector to achieve parallel connection between 2 driver boxes.



IX965

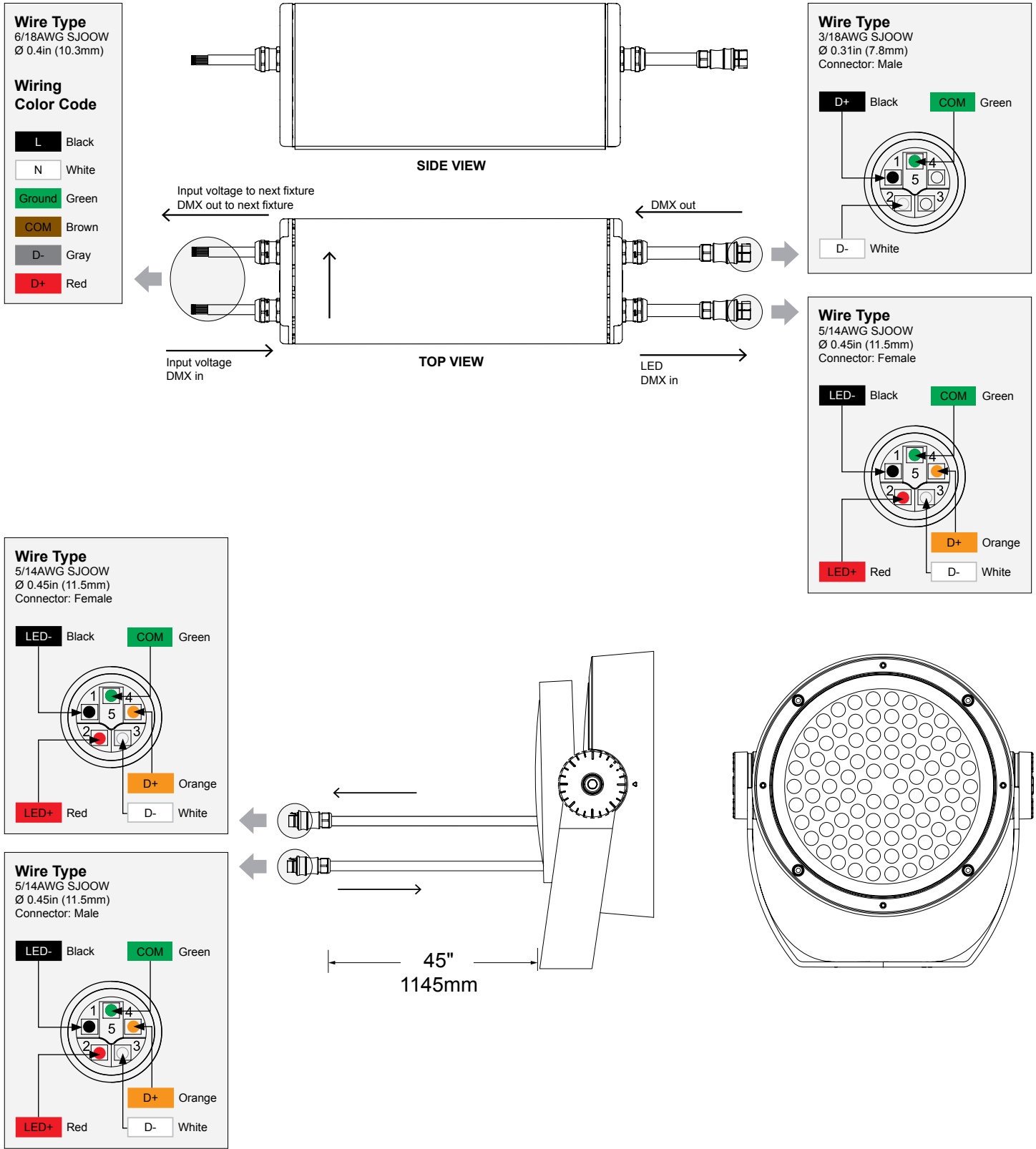
Cable kit including:

- 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

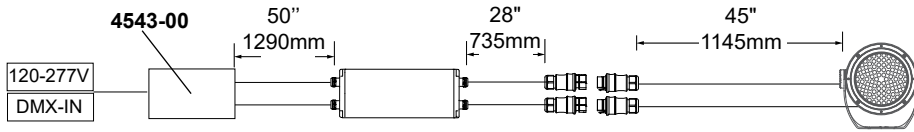
Consult the instruction sheet for more details.



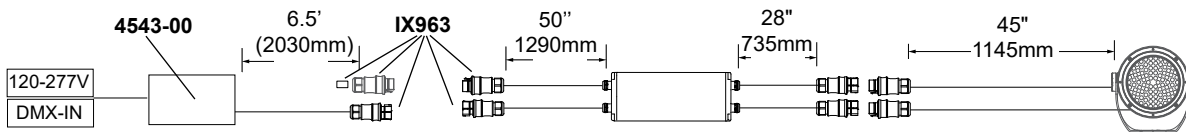
SETUP EXAMPLE

Consult the instruction sheet for more details.

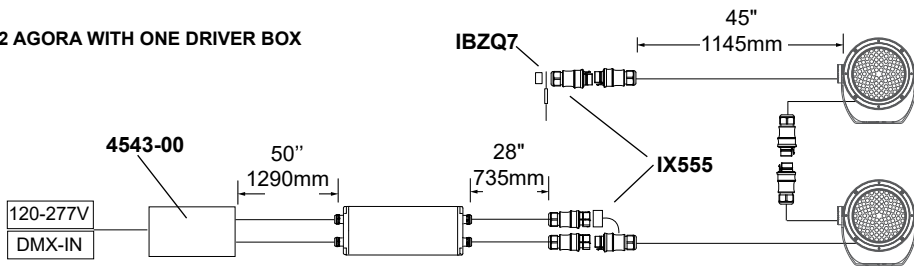
ONE AGORA WITH ONE DRIVER BOX



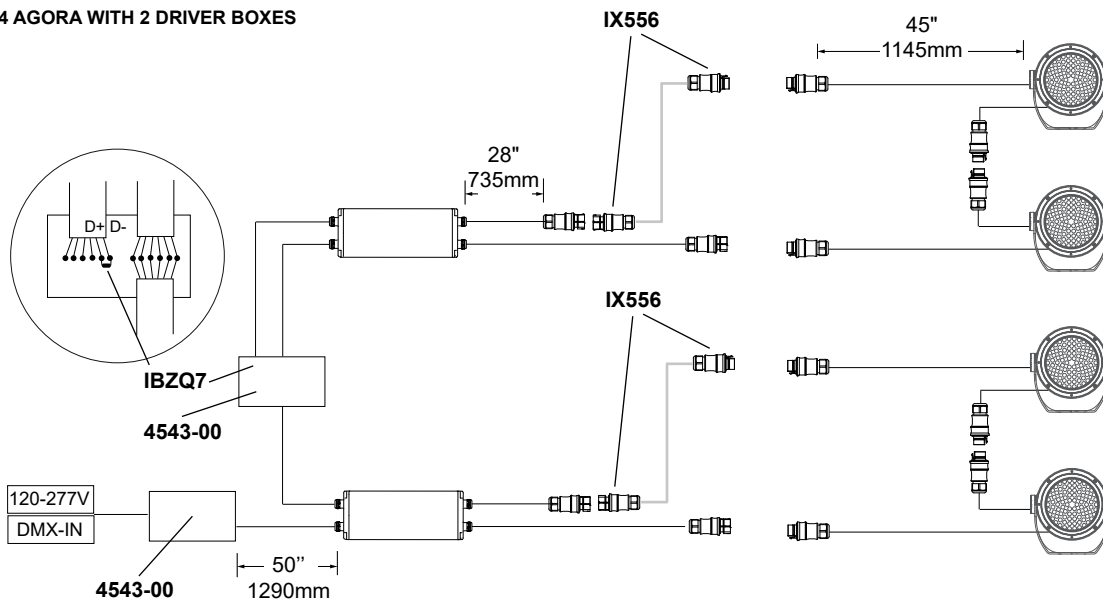
ONE AGORA WITH ONE DRIVER BOX





2 AGORA WITH ONE DRIVER BOX



4 AGORA WITH 2 DRIVER BOXES



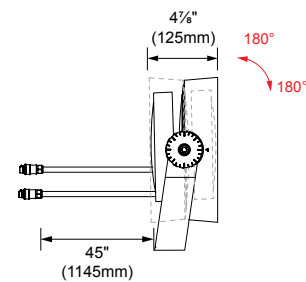
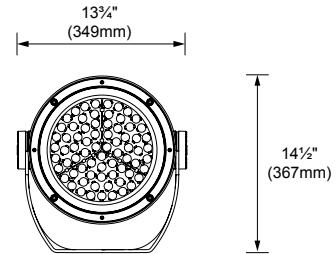
SPECIFICATIONS

Luminaire characteristic:	Power input system: 58.1W to 75.2W Lumens system for 3000K, 80CRI: 3,106lm to 4,912lm Luminaire efficacy for 3000K, 80CRI: Up to 70lm/W
Source:	RGBW white LED: 3000K 80CRI
Lumen maintenance:	80% of initial lumens at 100 000 hours (L80 B10) T77°F (25°C) 80% of initial lumens at 88 000 hours (L80 B10) T104°F (40°C)
Optic:	Available in Super Spot, Spot, flood, Wide flood and Wall Washer optics. Full line of professional accessories (page 2).
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.
Adjustment:	Adjustable allows up to 70° rotation about the vertical, (see instruction sheet for details on adjustment) Adjustable 360° from horizontal line (tilt).
Electrical:	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.
Dimming:	DMX for RGBW (120-277V)
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:	SM - small Ø12.5" 20.61lb (9.35kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK08
Certification:	cULus listed for wet location.  

DIMENSIONS

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

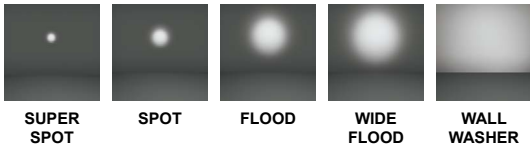
WITH STANDARD BRACKET



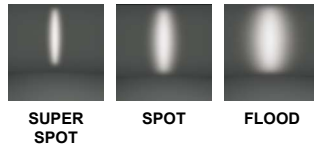
PROFESSIONAL OPTICS

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

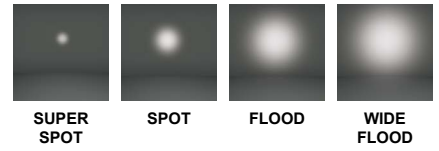
Primary Optics



With Elliptical Distribution Refractor

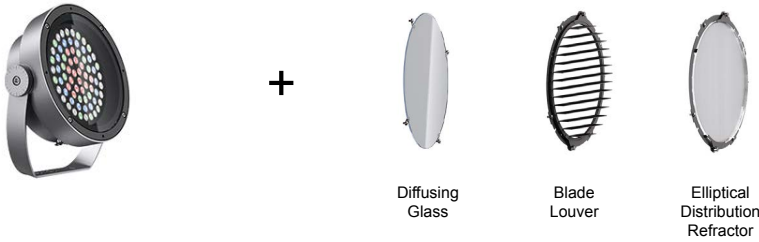


With Diffuser Glass

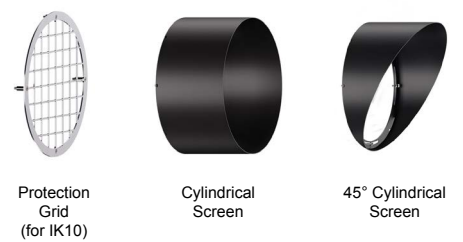


PROFESSIONAL ACCESSORIES

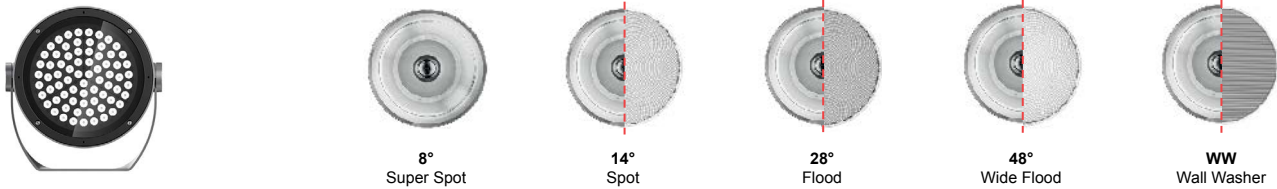
INTERNAL ACCESSORIES (Choose only one)



EXTERNAL ACCESSORIES (Choose only one)



OPTI BEAM LENS + REFRACTORS



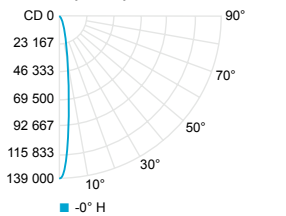
FAMILY OVERVIEW



PHOTOMETRIC DATA

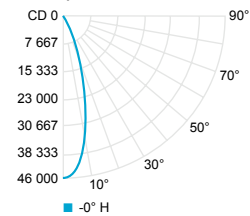
CCT (K)	CRI	OUTPUT	LOAD (W)	OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)	MODELS
3000	80	BO	58.1	Super Spot 8°	4,087	70	138,372	IAGR-SM-BO-RGBW-SS
				Spot 14°	3,869	66	45,371	IAGR-SM-BO-RGBW-SP
				Flood 28°	3,760	64	14,390	IAGR-SM-BO-RGBW-FL
				Wide flood 48°	3,815	66	5,558	IAGR-SM-BO-RGBW-WF
				Wall Washer	3,106	53	3,278	IAGR-SM-BO-RGBW-WW
		HO	75.2	Super Spot 8°	4,912	64	166,300	IAGR-SM-HO-RGBW-SP
				Spot 14°	4,643	61	54,446	IAGR-SM-HO-RGBW-SP
				Flood 28°	4,512	59	17,268	IAGR-SM-HO-RGBW-FL
				Wide flood 48°	4,585	60	6,679	IAGR-SM-HO-RGBW-WF
				Wall Washer	3,733	49	3,939	IAGR-SM-HO-RGBW-WW

BO Super Spot 8° (3000K, 80CRI)



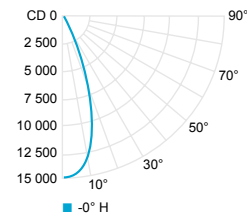
Center beam fc	Beam width ft
2ft	34 593 0.3
4ft	8 648 0.5
6ft	3 844 0.8
8ft	2 162 1.0
10ft	1 384 1.3
12ft	961 1.5

BO Spot 14° (3000K, 80CRI)



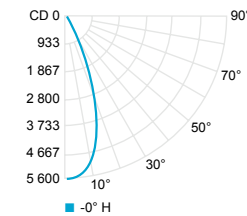
Center beam fc	Beam width ft
2ft	11 343 0.5
4ft	2 836 1.0
6ft	1 260 1.5
8ft	709 2.0
10ft	454 2.6
12ft	315 3.1

BO Flood 28° (3000K, 80CRI)



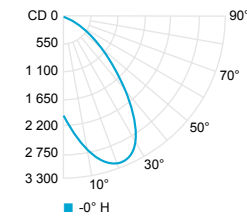
Center beam fc	Beam width ft
2ft	3 598 1.0
4ft	899 2.1
6ft	400 3.1
8ft	225 4.1
10ft	144 5.1
12ft	99.9 6.2

BO Wide flood 48° (3000K, 80CRI)

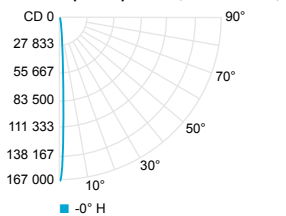


Center beam fc	Beam width ft
2ft	1 386 1.8
4ft	346 3.5
6ft	154 5.3
8ft	86.6 7.0
10ft	55.4 8.8
12ft	38.5 10.5

BO Wall Washer (3000K, 80CRI)

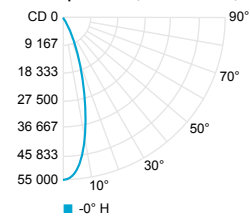


HO Super Spot 8° (3000K, 80CRI)



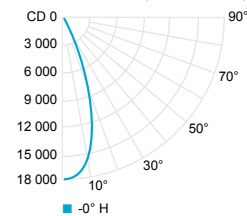
Center beam fc	Beam width ft
2ft	41 512 0.3
4ft	10 378 0.5
6ft	4 612 0.8
8ft	2 594 1.0
10ft	1 660 1.3
12ft	1 153 1.5

HO Spot 14° (3000K, 80CRI)



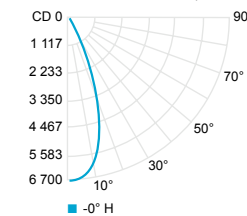
Center beam fc	Beam width ft
2ft	13 632 0.5
4ft	3 408 1.0
6ft	1 515 1.5
8ft	852 2.0
10ft	545 2.6
12ft	379 3.1

HO Flood 28° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	4 324 1.0
4ft	1 081 2.1
6ft	480 3.1
8ft	270 4.1
10ft	173 5.1
12ft	120 6.2

HO Wide flood 48° (3000K, 80CRI)



Center beam fc	Beam width ft
2ft	1 663 1.8
4ft	416 3.5
6ft	185 5.3
8ft	104 7.0
10ft	66.6 8.8
12ft	46.2 10.5

HO Wall Washer (3000K, 80CRI)

