

DESCRIPTION

JASPER MK2 establishes new standards in high output lighting projectors for the illumination of large-scale or expansive architectural structures. The high-wattage luminaire offers a wide selection of nine standard distributions ranging from symmetric ultra-narrow 4° spot to ultra-wide 125°, as well as elliptical and elliptical wide beam patterns. JASPER incorporates 60 high power LEDs in a choice of RGBW or dynamic white; or static warm, neutral, or cool white to deliver an extensive palette of colors, tones, and hues. On-board controls allow users to program fixed colors or simple color sequencing for standalone operation or multiple unit synchronization in a master-satellite configuration without the need for external control systems. Luminaires may also be paired with external DMX control systems for dynamic color-changing scenes. Options include visors and snoots for added light control. Contact factory for custom tailored distributions with spreading diffusers. All hardware is stainless steel.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE							
MODEL	CCT	CONTROL	CABLE	VOLTAGE	OPTIC	FINISH	OPTION
JSPRMK2 Jasper MK2	RGBW30K RGBW 3000K	DMX-RDM DMX/RDM	S Power in, DMX in, DMX out (59")	UNV 120 - 277V	US Ultra Spot 4°	AG Anthracite Grey	AST Anti-Saline Treatment
JSPRMK2PE Jasper MK2 Polar Edition	RGBW40K RGBW 4000K				SP Spot 8°	BL Black	3G 3G Mounting Yoke
					NB Narrow 11°	SG Griven Silver Grey	
					MB Medium 23°	WH White	
					WB Wide 43°	CC Custom RAL Color	
					EW Extra Wide 58°		
					UW Ultra Wide 116°		
					ELH Elliptical 42°x10°		
					ELWH Elliptical Wide 39°x21°		

*Consult factory for availability of other optical options.

See Page 8 for ordering information of available accessories.

JASPER MK2 RGBW				
PHYSICAL	HOUSING	Die-Cast Aluminum		
	DIMENSIONS	Luminaire	Luminaire with Standard Bracket	Luminaire with 3G Mounting Yoke
		18.8" L x 5.6" W x 17.7"	18.8" L x 5.6" W x 19.5" H	18.8" L x 5.6" W x 19.5" H
	WEIGHT	40.3 Pounds		
	OPERATING TEMPERATURE	-40°C to 50°C (-40°F to 122°F)		

ELECTRICAL	POWER CONSUMPTION	195 Watts		
	AMPERAGE	1.63A @ 120V 0.70A @ 277V		
	CONTROL PROTOCOLS *	DMX/RDM Standalone Master-Satellite * See separate DMX Mode Application Sheet		
	CABLE LENGTH	59"		

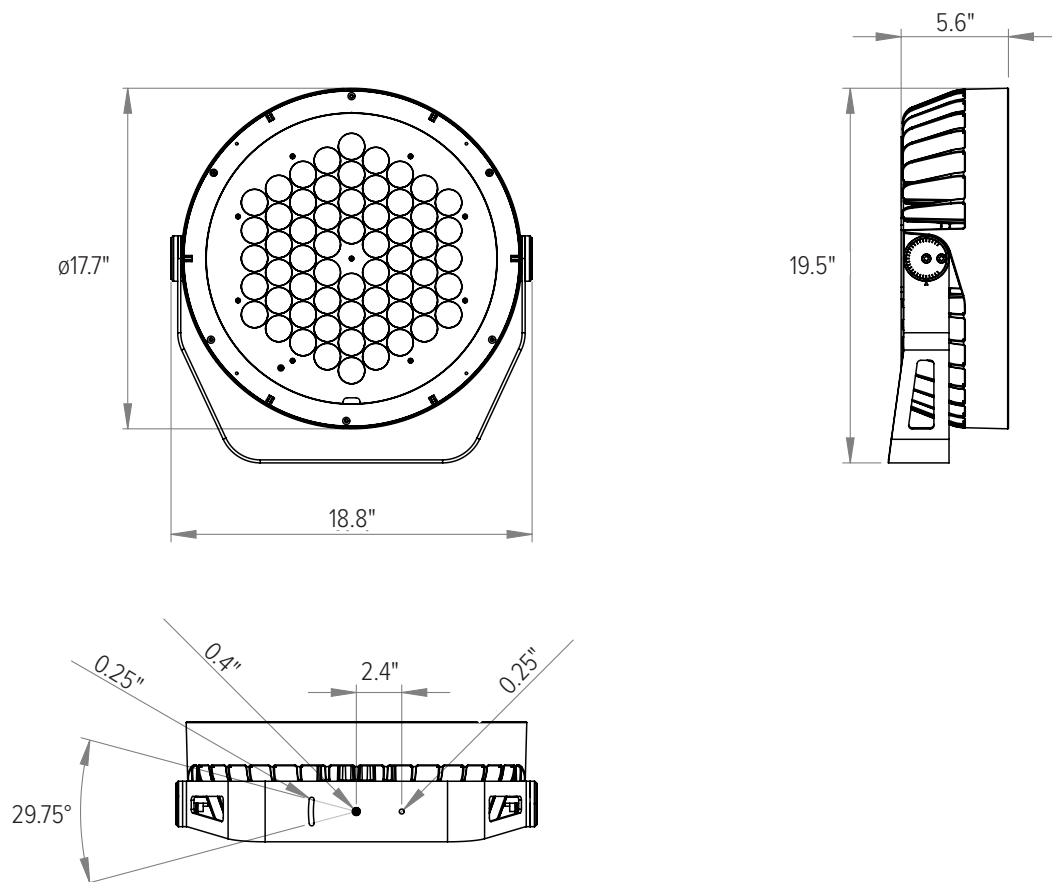
PHOTOMETRIC	LED	RGBW (3000K or 4000K White)			
	# LEDS	60			
	DELIVERED LUMEN OUTPUT	Up to 9029 Lumens			
	EFFICACY	Up to 46 Lumens per Watt			
	LUMEN MAINTENANCE (L70)	R	G	B	W
		103,000 Hours	51,400 Hours	51,400 Hours	56,600 Hours
	# DISTRIBUTIONS	Nine			
	LIGHT CONTROL ACCESSORIES	Snoot, Visor			

LIGHT DISTRIBUTIONS	DISTRIBUTION	BEAM ANGLE	RGBW 3000K			RGBW 4000K			
			LUMENS	EFFICACY	MAX. CANDELA	LUMENS	EFFICACY	MAX. CANDELA	
	ULTRA SPOT	4°	8338	43	945471	8596	44	974726	
	SPOT	8°	8758	45	315139	9029	46	324891	
	NARROW	11°	8482	43	139571	8744	45	143883	
	MEDIUM	23°	7866	40	41758	8109	42	43048	
	WIDE	43°	7812	40	14830	8054	41	15290	
	EXTRA WIDE	58°	8739	45	7407	9009	46	7636	
	ULTRA WIDE	116°	6420	33	2093	6619	34	2158	
	ELLIPTICAL	42° x 10°	7470	38	50021	7701	39	51567	
Values based on full output.		ELLIPTICAL WIDE	39° x 21°	7470	38	25622	7701	39	26414

CERTIFICATIONS	SAFETY	ETL Certified for Wet Locations		
	INGRESS PROTECTION	IP66		
	IMPACT RATING	IK10		
	WARRANTY	5 Year Limited Warranty		

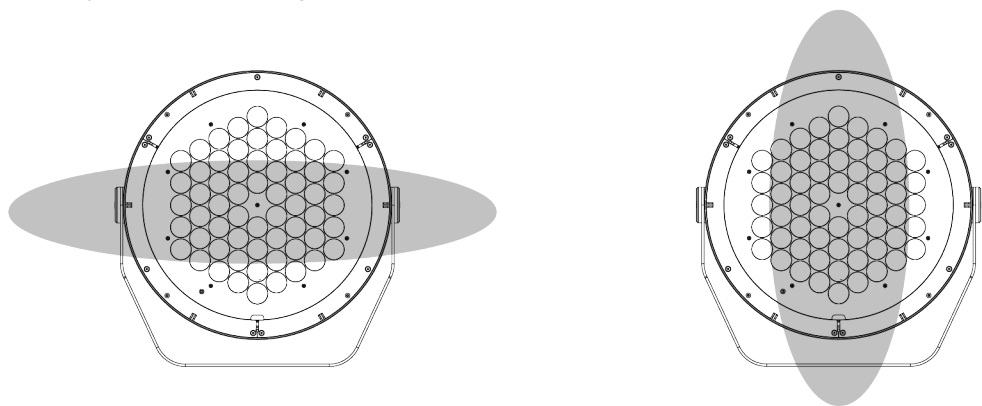
DIMENSIONS

All dimensions are shown in inches unless otherwise noted. Ultra Spot optics shown.



OPTIC ORIENTATION

Consult factory for availability of optional spreading diffusers.

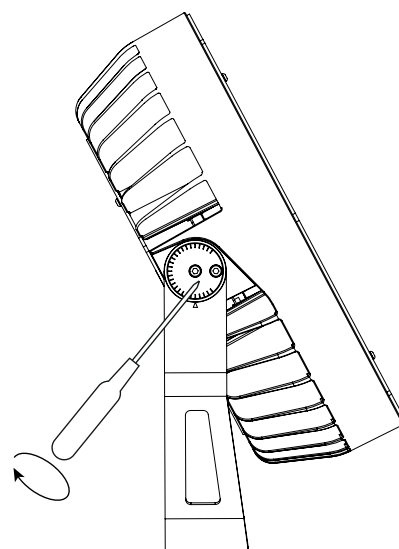
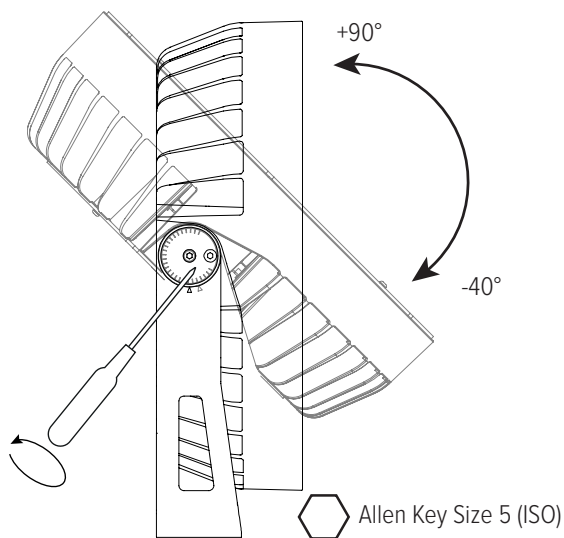
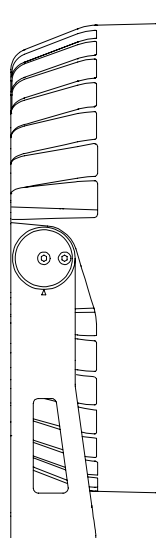
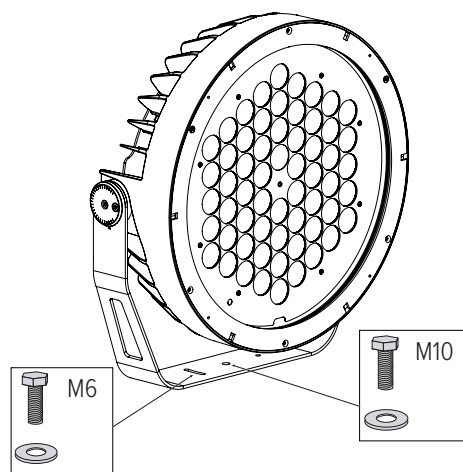


HORIZONTAL MODE (Standard)

VERTICAL MODE (On Request)

MOUNTING

All dimensions are shown in inches unless otherwise noted. Ultra Spot optics shown.



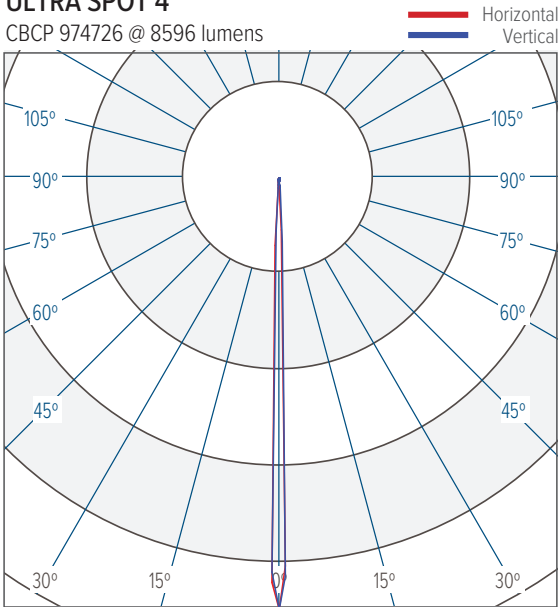
Allen Key Size 5 (ISO)

PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT. For 3000K values, apply a 0.97 pro rate factor.

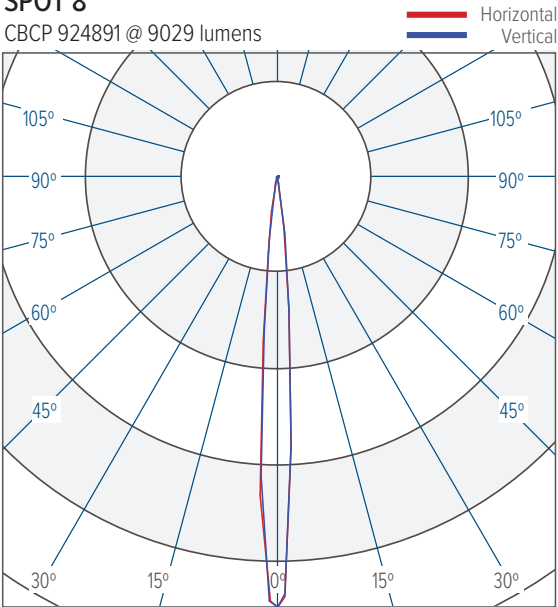
ULTRA SPOT 4°

CBCP 974726 @ 8596 lumens



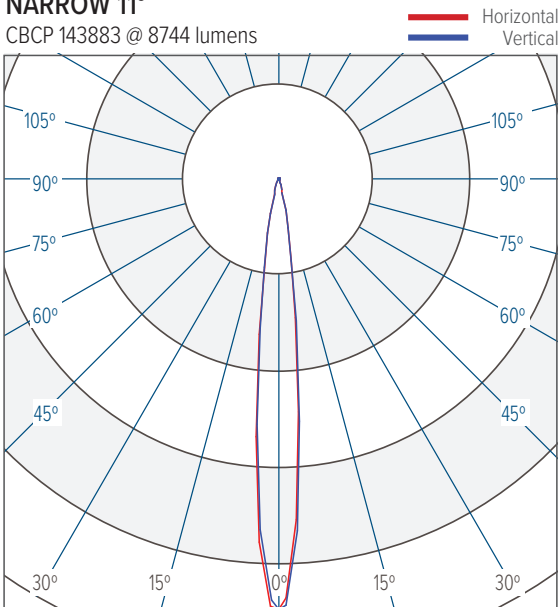
SPOT 8°

CBCP 924891 @ 9029 lumens



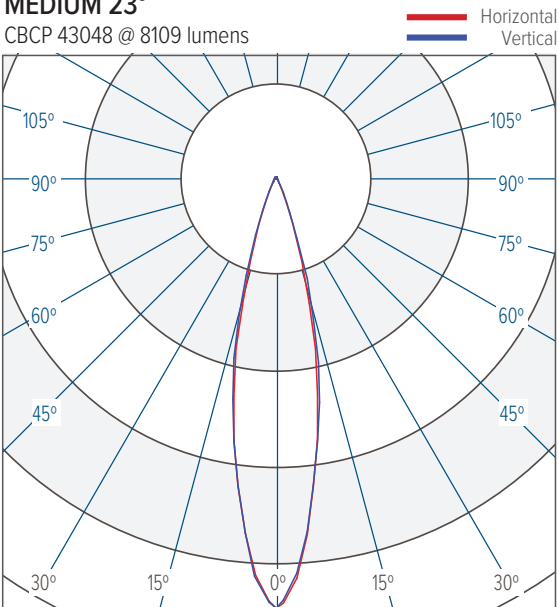
NARROW 11°

CBCP 143883 @ 8744 lumens



MEDIUM 23°

CBCP 43048 @ 8109 lumens

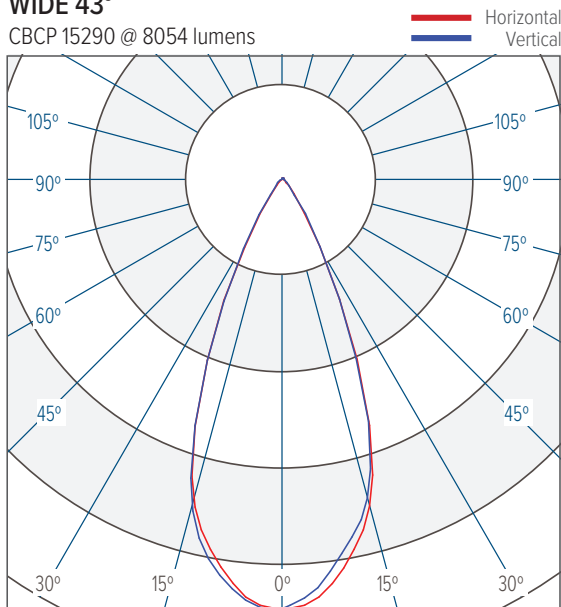


PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT. For 3000K values, apply a 0.97 pro rate factor.

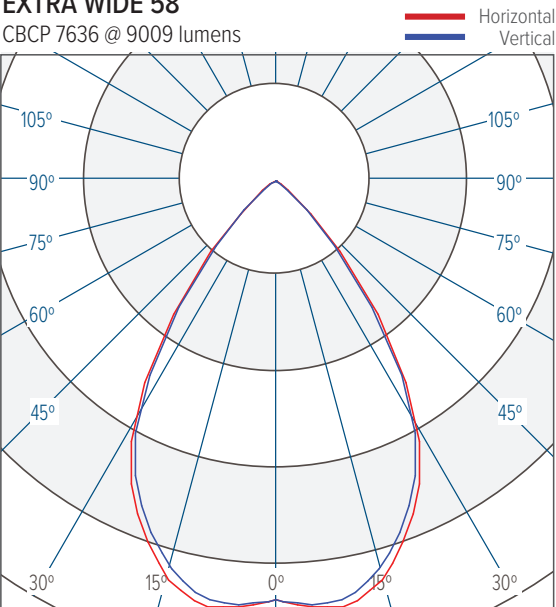
WIDE 43°

CBCP 15290 @ 8054 lumens



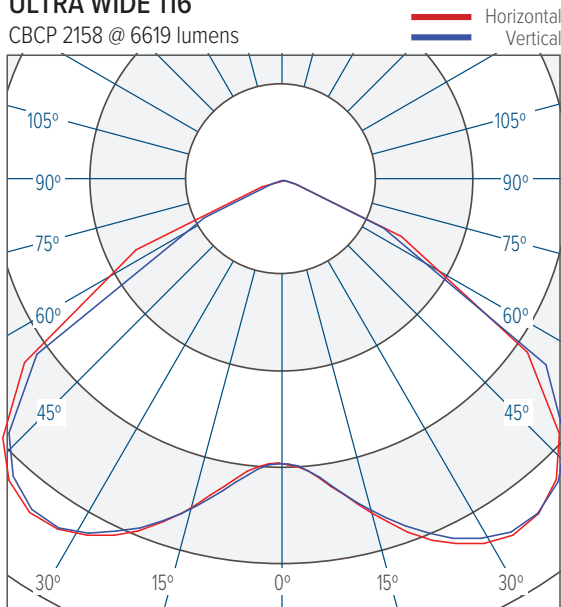
EXTRA WIDE 58°

CBCP 7636 @ 9009 lumens



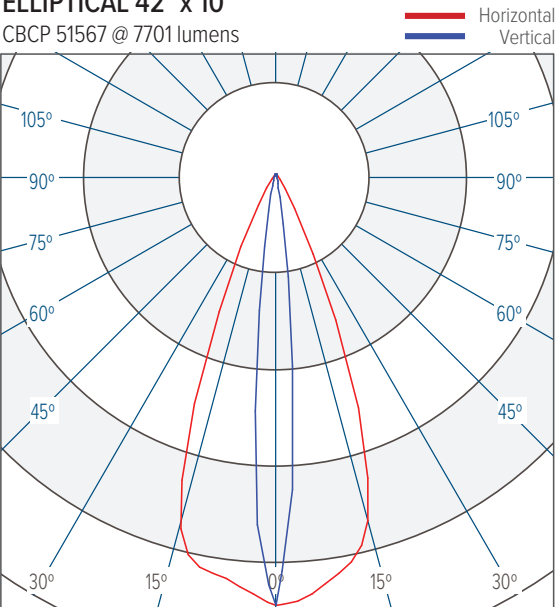
ULTRA WIDE 116°

CBCP 2158 @ 6619 lumens



ELLIPTICAL 42° x 10°

CBCP 51567 @ 7701 lumens

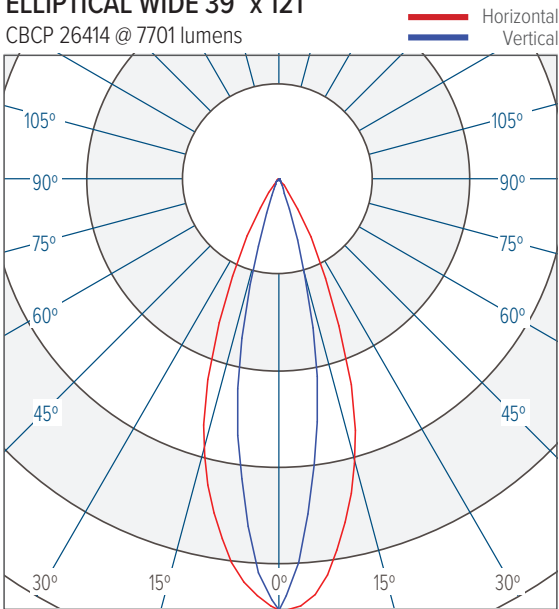


PHOTOMETRICS

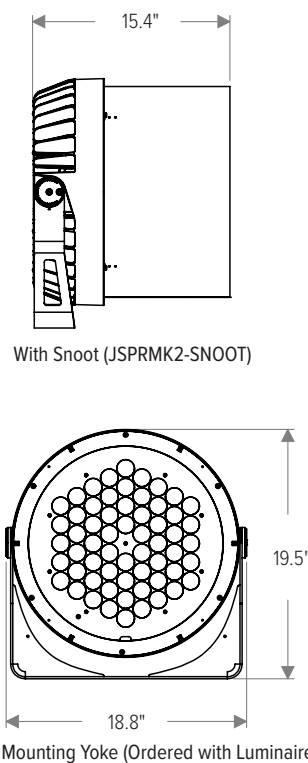
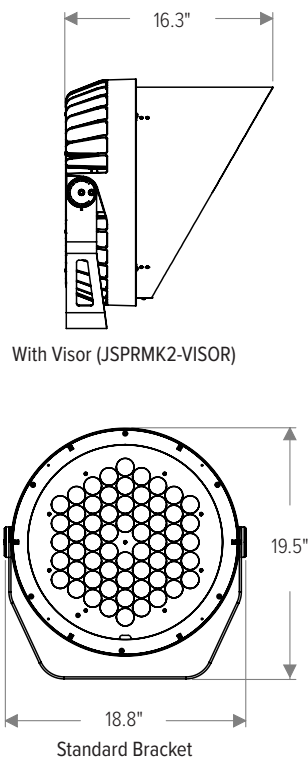
NOTE: Values shown below reflect 4000K CCT. For 3000K values, apply a 0.97 pro rate factor.

ELLIPTICAL WIDE 39° x 121

CBCP 26414 @ 7701 lumens



ACCESSORY DIMENSIONS

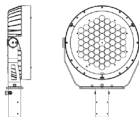


ACCESSORIES

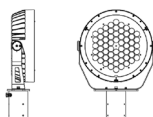
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.



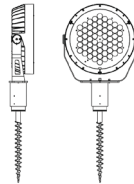
IR-CONFIG-REMOTE
Infrared Configuration Remote



JSPRMK2-2.375IN-SF-XX*
Slipfitter for 2 3/8" OD Pole Top,
Tenon, or Pipe



JSPRMK2-4IN-SF-XX*
Slipfitter for 4" OD Pole Top,
Tenon, or Pipe



JSPR-GSK-XX*
Ground Stake



JSPRMK2-VISOR-XX*
Visor



JSPRMK2-SNOOT-XX*
Snoot



GRIVEN-DMXTRMNT
DMX Terminator



GRIVEN-STRTLNBX-C
Start Line Box with Connectors



GRIVEN-STRTLNBX-NC
Start Line Box without Connectors



GRIVEN-RPWRBX-C
Repower Box with Connectors



GRIVEN-RPWRBX-NC
Repower Box without Connectors



GRIVEN-DMXJB-C
DMX Junction Box with Connectors



GRIVEN-DMXJB-NC
DMX Junction Box without
Connectors



GRIVEN-CBL-1M
Connection Cable- 1 Meter (3' 3")



GRIVEN-CBL-2M
Connection Cable- 2 Meters (6' 6")



GRIVEN-CBL-3M
Connection Cable- 3 Meters (9' 10")



GRIVEN-CBL-5M
Connection Cable- 5 Meters (16' 4")

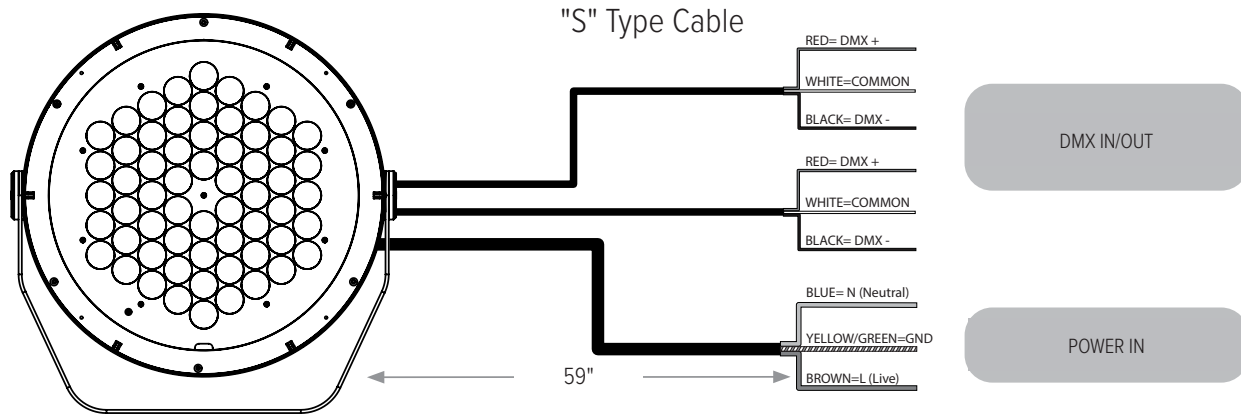


GRIVEN-CBL-10M
Connection Cable- 10 Meters
(32' 10")

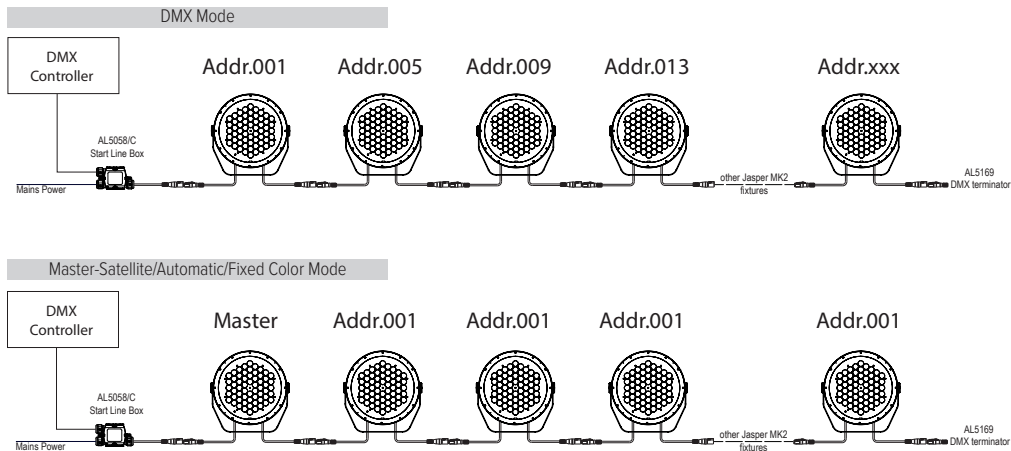
ORDERING INFORMATION

PAINTED ACCESSORIES					
MODEL		FINISH (*-XX)		OPTION	
JSPRMK2-VISOR	Visor	AG	Anthracite Grey	AST	Anti-Saline Treatment
JSPRMK2-SNOOT	Snoot	BL	Black		
JSPR-2.375IN-SF	2.375" Slipfitter for 2 3/8" OD Pole Top, Tenon, or Pipe	SG	Griven Silver Grey		
JSPR-4IN-SF	4" Slipfitter for 2 3/8" OD Pole Top, Tenon, or Pipe	WH	White		
JSPR-GSK	Ground Stake	CC	Custom RAL Color		

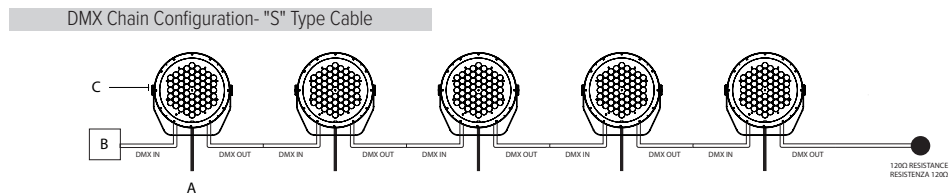
CONNECTIONS



OPERATING MODES



CONFIGURATION



A: Power Input
B: DMX/RDM Controller
C: Jasper MK2
D: Start Line Box (GRIVEN-STRTLNBX)
E: DMX Cable

F: DMX Junction Box (GRIVEN-DMXJB)
G: Connection Cable (GRIVEN-CBL)
H: DMX Terminator (GRIVEN-DMXTRMNTNTR)
I: Heat Shrink Tubing