

JASPER MK2

Static White



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	27K 2700K	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	30K 3000K 40K 4000K				SP Spot 8°	BL Black	3G 3G Mounting Yoke
					NB Narrow 12°	SG Griven Silver Grey	
					MB Medium 24°	WH White	
					WB Wide 44°	CC Custom RAL Color	
					EW Extra Wide 58°		
					UW Ultra Wide 116°		
					ELH Elliptical 42°x10°		
					ELWH Elliptical Wide 39°x20°		

*Consult factory for availability of other optical options.

See Page 8 for ordering information of available accessories.

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JASPER MK2 STATIC WHITE				
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 On/Off Standalone Master-Satellite * See separate DMX Mode Application Sheet		
	CABLE LENGTH	59"		

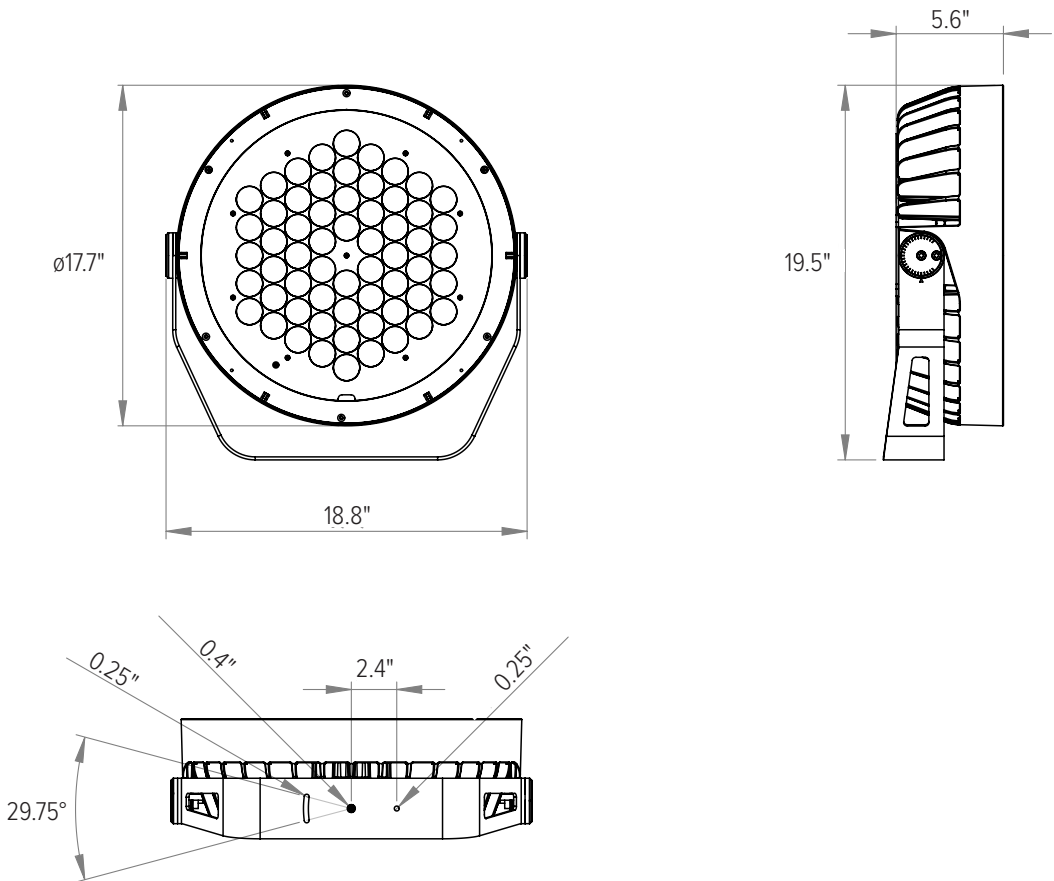
PHOTOMETRIC	LED	Static White 2700K, 3000K, or 4000K		
	# LEDS	60		
	DELIVERED LUMEN OUTPUT	Up to 19865 Lumens		
	EFFICACY	Up to 102 Lumens per Watt		
	LUMEN MAINTENANCE (L70)	90,700 Hours		
	# DISTRIBUTIONS	Nine		
	LIGHT CONTROL ACCESSORIES	Snoot, Visor		

LIGHT DISTRIBUTIONS	DISTRIBUTION	BEAM ANGLE	2700K			4000K			
			LUMENS	EFFICACY	MAX. CANDELA	LUMENS	EFFICACY	MAX. CANDELA	
	ULTRA SPOT	4°	13897	71	582534	15973	82	669552	
	SPOT	8°	16748	86	221174	19250	99	254216	
	NARROW	12°	15390	79	142511	17690	91	163809	
	MEDIUM	24°	15342	79	71871	17635	90	82613	
	WIDE	44°	15492	79	24550	17807	91	28219	
	EXTRA WIDE	58°	13758	71	14454	17863	92	18767	
	ULTRA WIDE	116°	10701	55	3499	12300	63	4022	
	ELLIPTICAL	42° x 10°	15116	78	70500	17375	89	81036	
Values based on full output.		ELLIPTICAL WIDE	39° x 20°	13752	71	41610	15807	81	47828

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

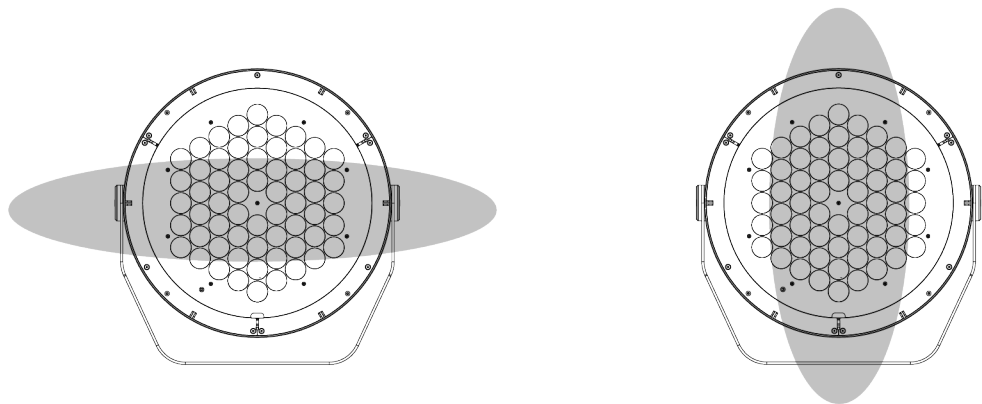
DIMENSIONS

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



OPTIC ORIENTATION

Consult factory for availability of optional spreading diffusers.

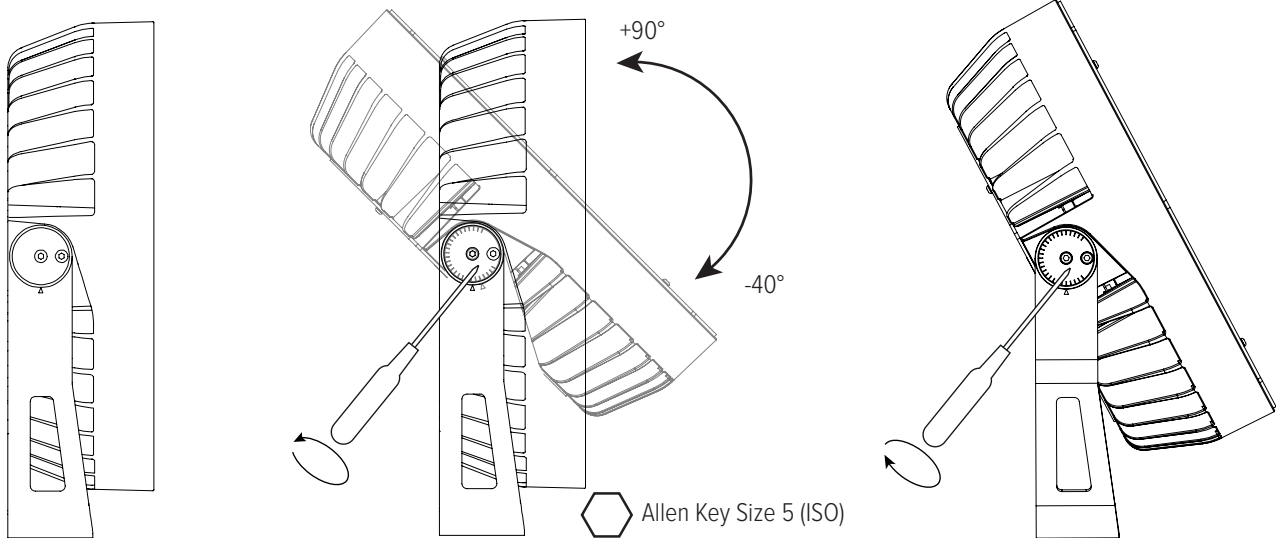
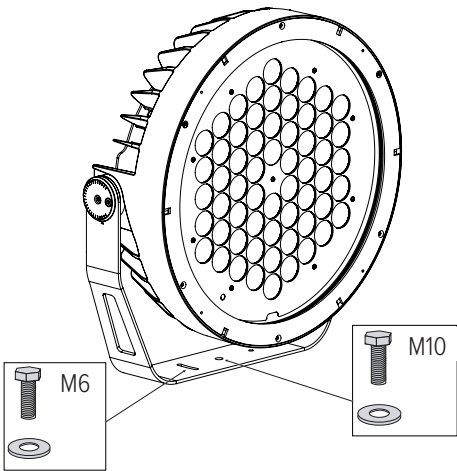


HORIZONTAL MODE (Standard)

VERTICAL MODE (On Request)

MOUNTING

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

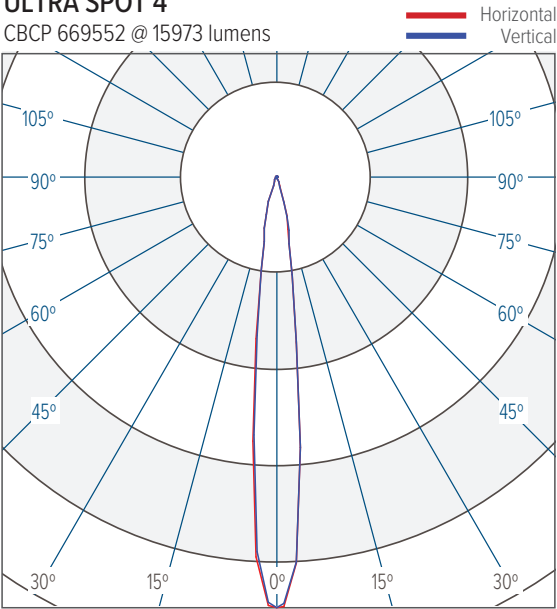


PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT. For 2700K values, apply a 0.87 pro rate factor.

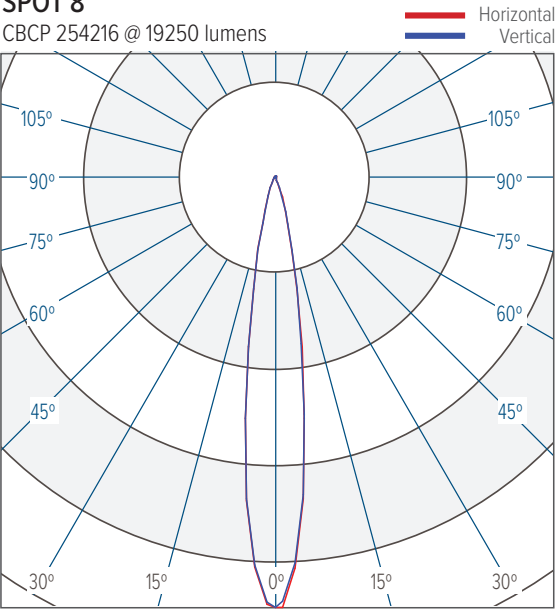
ULTRA SPOT 4°

CBCP 669552 @ 15973 lumens



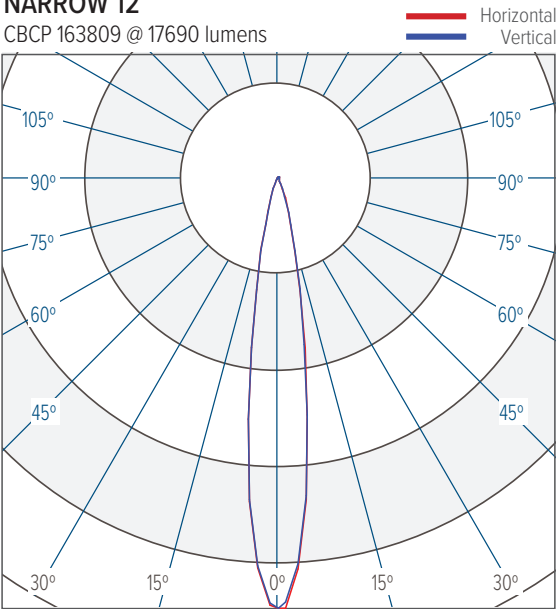
SPOT 8°

CBCP 254216 @ 19250 lumens



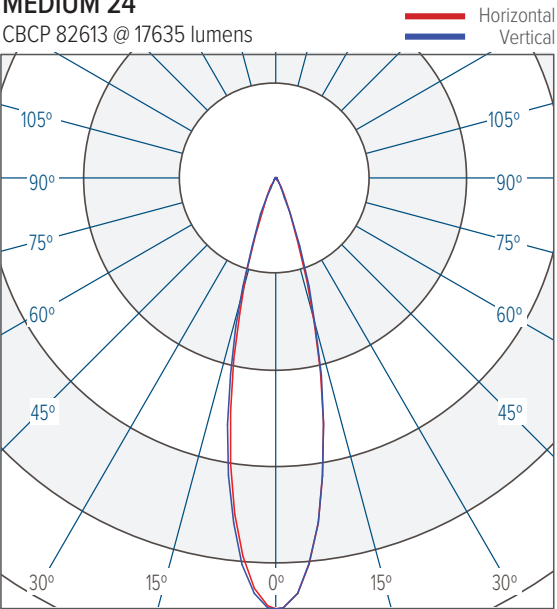
NARROW 12°

CBCP 163809 @ 17690 lumens



MEDIUM 24°

CBCP 82613 @ 17635 lumens

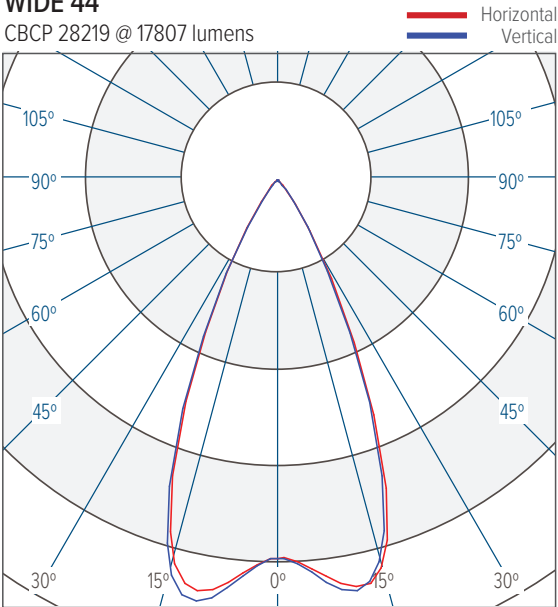


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NOTE: Values shown below reflect 4000K CCT. For 2700K values, apply a 0.87 pro rate factor.

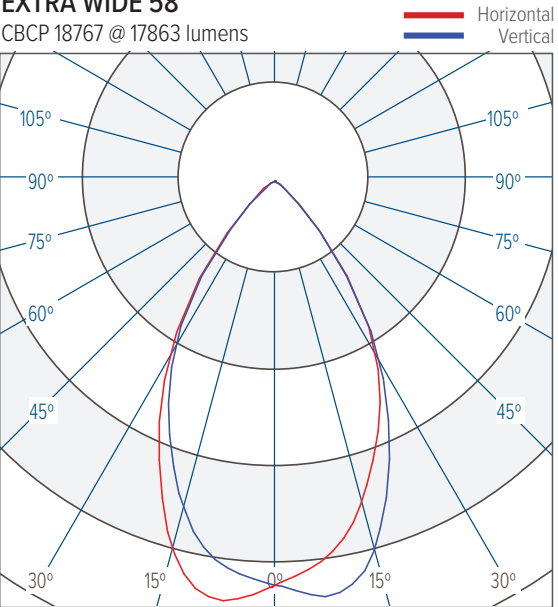
WIDE 44°

CBCP 28219 @ 17807 lumens



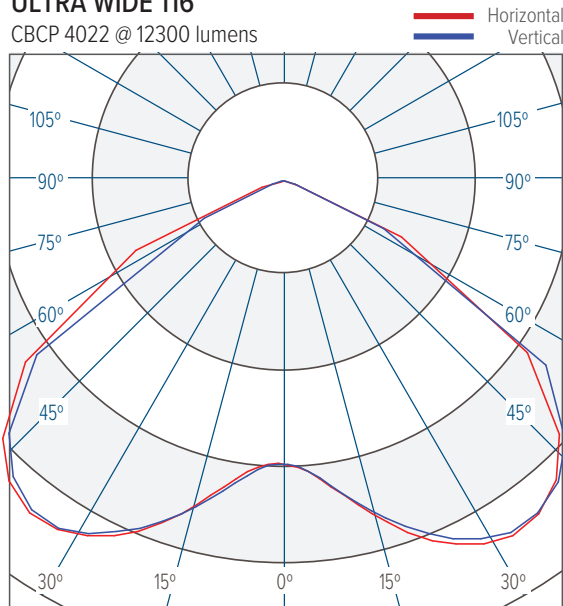
EXTRA WIDE 58°

CBCP 18767 @ 17863 lumens



ULTRA WIDE 116°

CBCP 4022 @ 12300 lumens

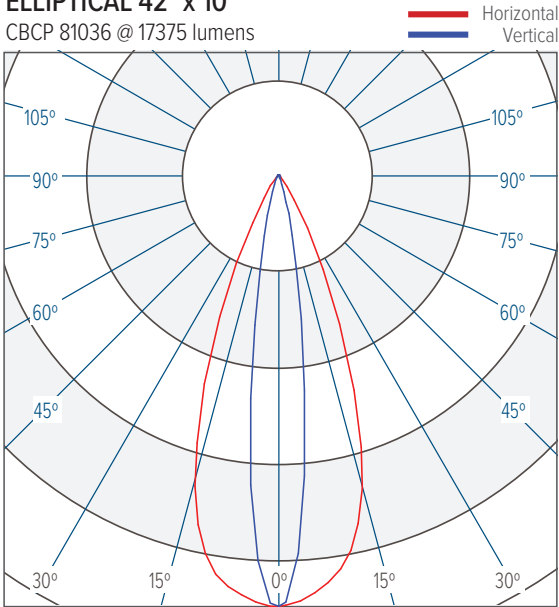


PHOTOMETRICS

NOTE: Values shown below reflect 4000K CCT. For 2700K values, apply a 0.87 pro rate factor.

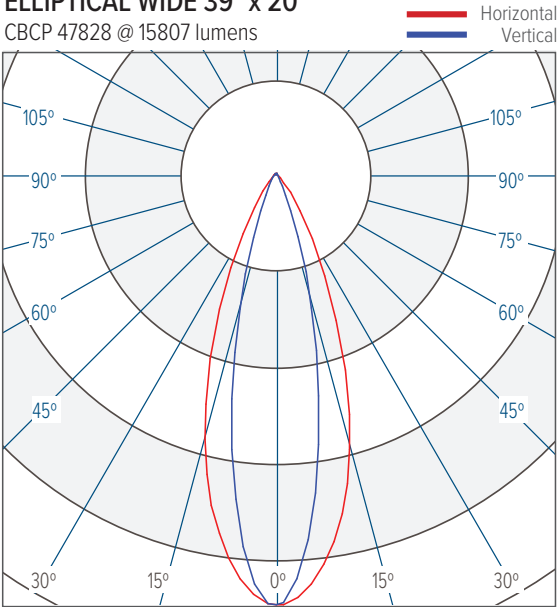
ELLIPTICAL 42° x 10°

CBCP 81036 @ 17375 lumens

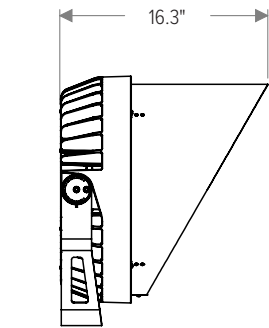


ELLIPTICAL WIDE 39° x 20°

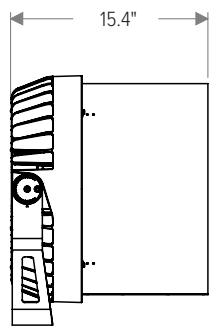
CBCP 47828 @ 15807 lumens



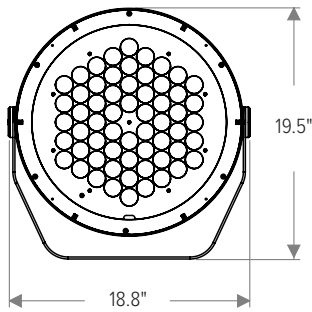
ACCESSORY DIMENSIONS



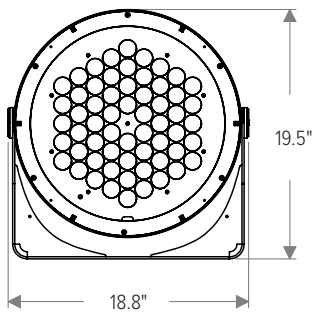
With Visor (JSPRMK2-VISOR)



With Snoot (JSPRMK2-SNOOT)



Standard Bracket



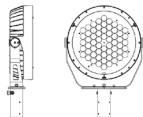
With 3G Mounting Yoke (Ordered with Luminaire)

ACCESSORIES

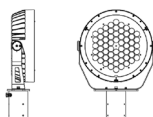
NOTE: Accessories are ordered and shipped separately from luminaire for field installation.
-XX* indicates a painted accessory. See bottom of page for painted accessory ordering information.



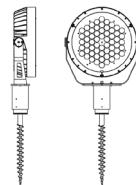
IR-CONFIG-REMOTE
Infrared Configuration Remote



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-DMXTRMNR
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")

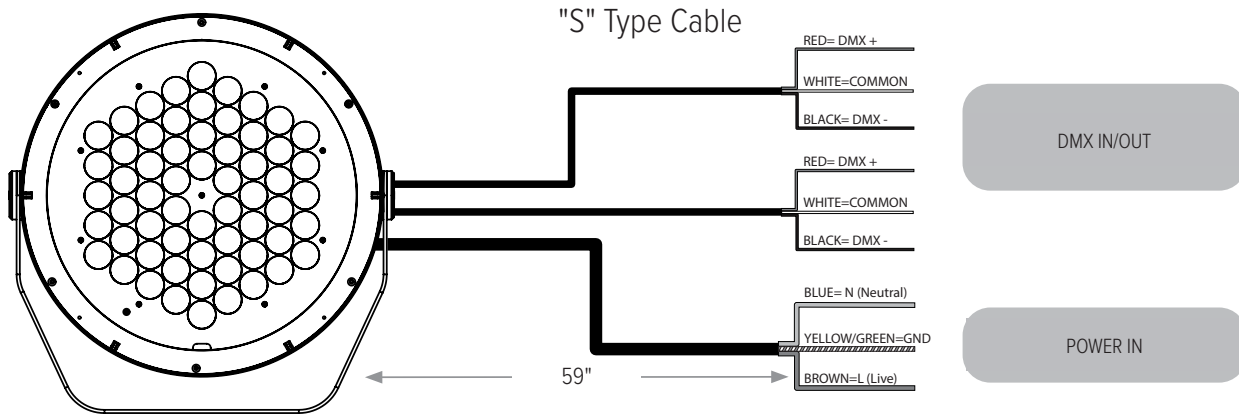


GRIVEN-CBL-10M
Connection Cable- 10 Meters
(32' 10")

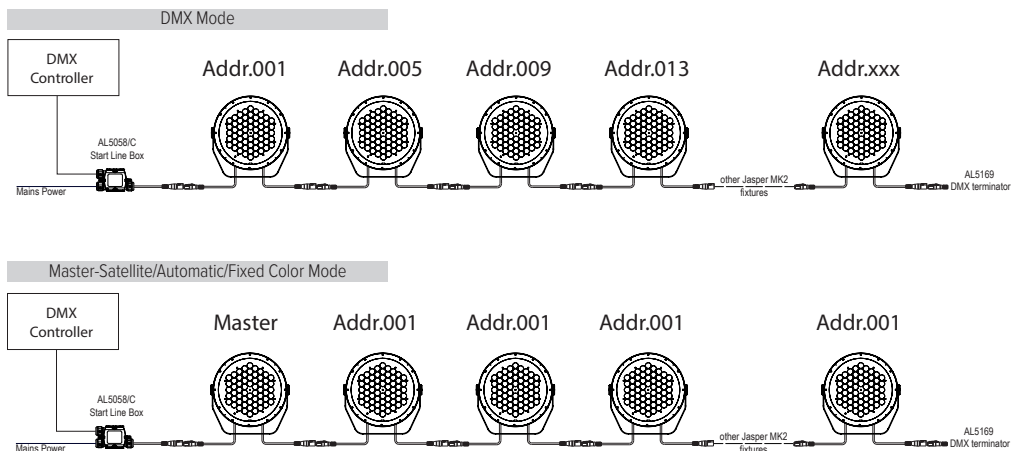
ORDERING INFORMATION

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		

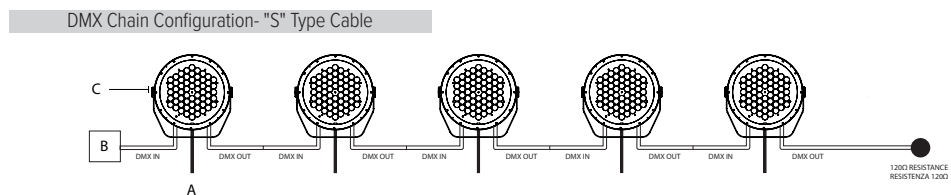
CONNECTIONS



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-DMXTRMNT)
I: Heat Shrink Tubing