

DESCRIPTION

JASPER 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 eleven standard distributions ranging from symmetric ultra-narrow 4° spot to ultra-wide 130°, as well as elliptical and elliptical wide beam patterns in horizontal or vertical orientations. 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 and 3G brackets for bridge, tunnel, or other high-vibration applications. Contact factory for custom tailored distributions with spreading diffusers. All hardware is stainless steel.



Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE

MODEL	COLOR	VOLTAGE	OPTICS *	FINISH §	OPTIONS
JA450 -	RGBW - RGBW (4000K White)	UNV - 120 - 277V	US - Ultra Spot 4°	AG Anthracite Gray	3G 3G Mounting Yoke
	CCM - Custom Monochrome		SP - Spot 8°	BL Black	
			NB - Narrow 12°	SG Griven Silver Gray	
			MB - Medium 23°	WH White	
			WB - Wide 43°	CC Custom Color	
			EW - Extra Wide 68°	§ Contact factory for marine grade finish	
			UW - Ultra Wide 130°		
			ELH - Elliptical Horizontal 41° x 11°		
			ELV - Elliptical Vertical 11° x 41°		
			ELWH - Elliptical Wide Horizontal 39° x 22°		
			ELWV - Elliptical Wide Vertical 23° x 39°		

ACCESSORIES

ACCESSORIES

JA450 - SNT
Snoot



JA450 - VSR
Visor

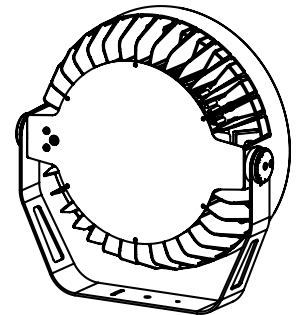
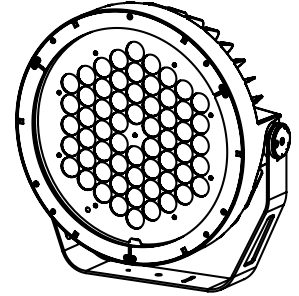
AL1321
Infrared Remote Control

* Contact factory for availability of optional spreading diffusers

IP66 / IK10 / CE /  US

PRODUCT SPECIFICATIONS

Lumen Output	8399 lumens @ 8° RGBW
Efficacy	41.4 (lm/W) RGBW
Lumen Maintenance	100,000 hours L70 @ 25°C*
Color	RGBW (4000K white) (see pg 5 for customization options)
Optics	4°, 8°, 12°, 23°, 43°, 68°, 130°, 41° x 11°, 39° x 22°
Operating Temperature	-40° to 122° F (-40° to 50°C)
Housing	Die-cast aluminum body with powder coat
Mounting	Yoke mount with locking hinge (custom mounting upon request) Optional 3G bracket.
Weight	39.7 lbs. (18 kg)
Certification	 
Ingress Protection	Wet location rated IP66
Impact Rating	IK10
Control	Auto Control, DMX 512 (RDM E1.20), Wireless options available
Cable Lengths	Power in: 7.87 inches / DMX in&out: 59.06 inches
Additional Features	Automatic overtemperature protection / IR Remote
EPA	2.05 ft ²



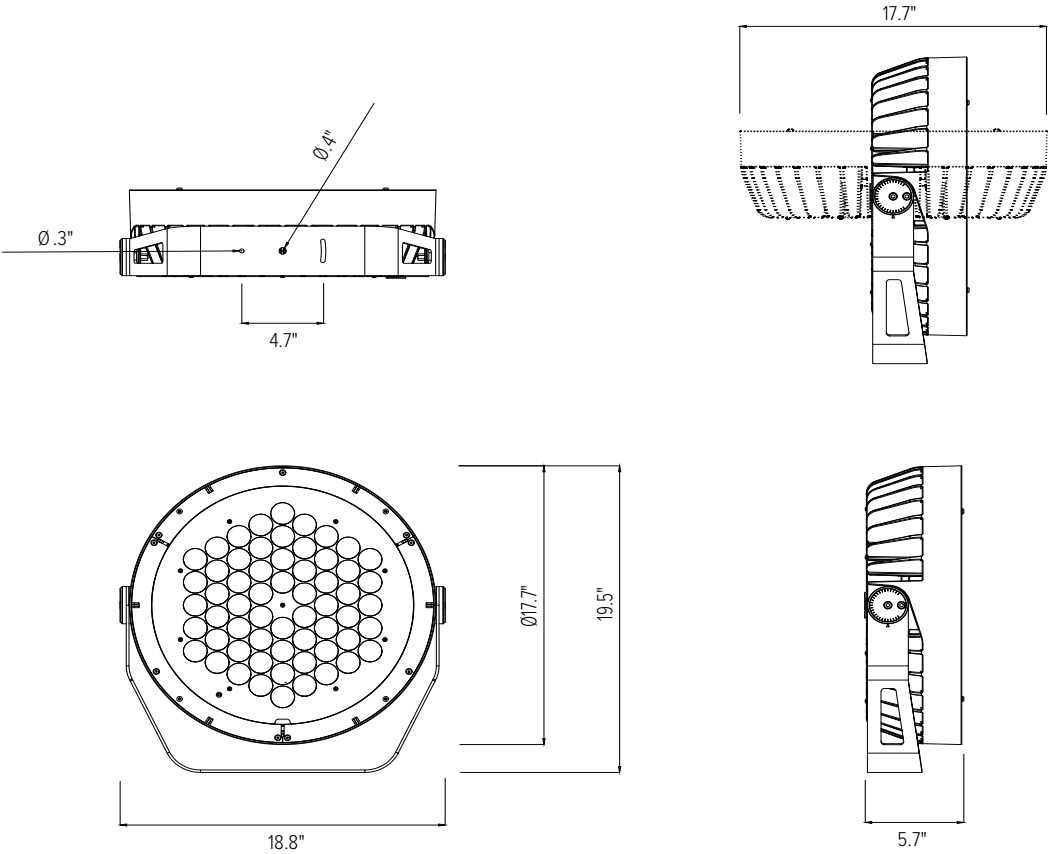
* LED life may vary under actual field conditions due to external factors. Lifetime estimates are generated from actual testing in a controlled environment. Given values are conservatively derived from those numbers.

ELECTRICAL SPECIFICATIONS

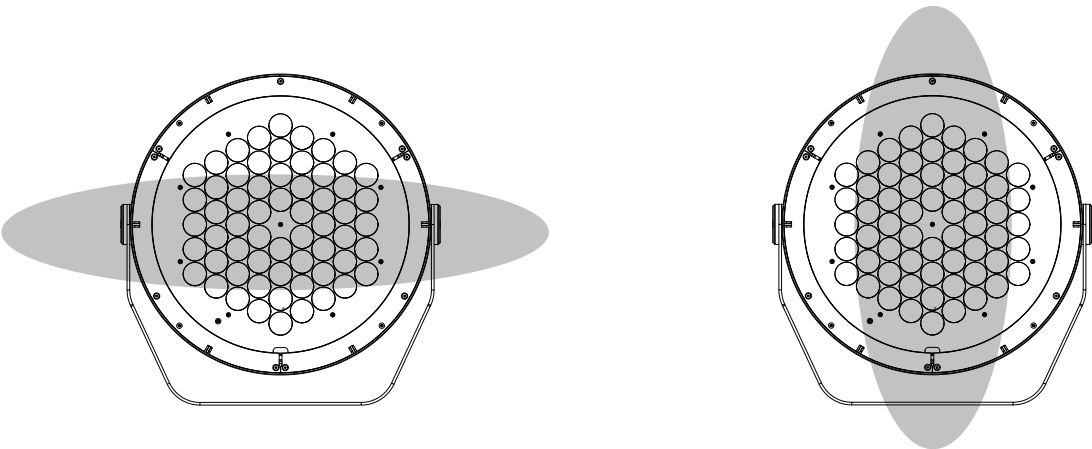
Input Voltage	100-277 VAC @ 50-60Hz
Power Consumption	203W 1.73A @ 115VAC, 0.77A @ 277VAC
Power Factor	>.95 @ 115VAC, >.9 @ 277VAC

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



OPTIC ORIENTATION (For Elliptical Beams)

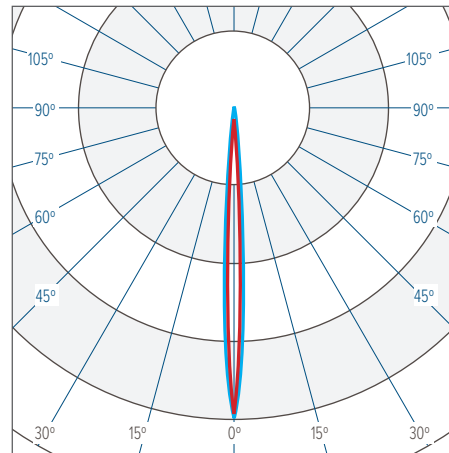


HORIZONTAL MODE (Standard)

VERTICAL MODE (On Request)

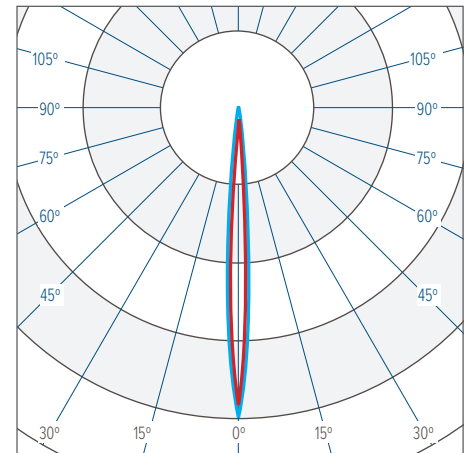
PHOTOMETRICS

ULTRA SPOT (RGBW) 4°



Horizontal Vertical CBCP 902484 8253 lm

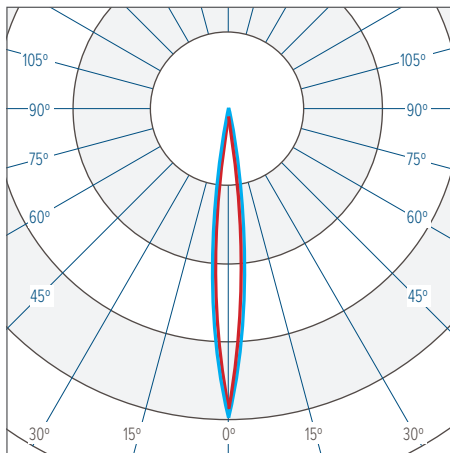
SPOT (RGBW) 8°



Horizontal Vertical CBCP 300818 8399 lm

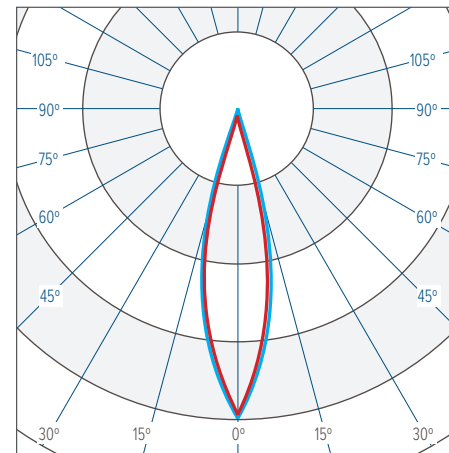
CANDELA DISTRIBUTION

NARROW (RGBW) 12°



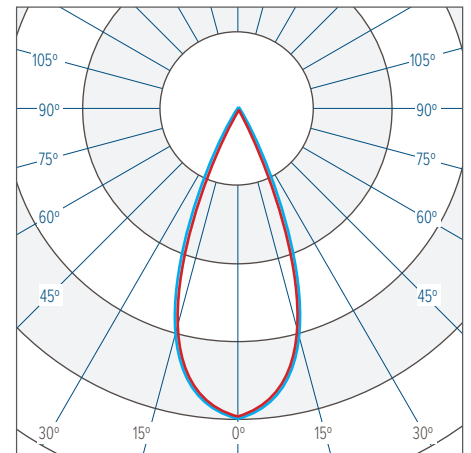
Horizontal Vertical CBCP 133225 8058 lm

MEDIUM (RGBW) 23°



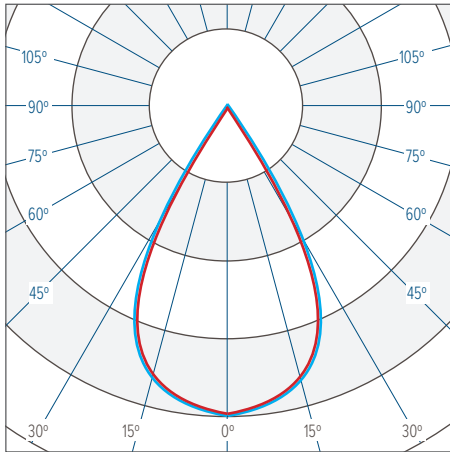
Horizontal Vertical CBCP 39855 7492 lm

WIDE (RGBW) 43°



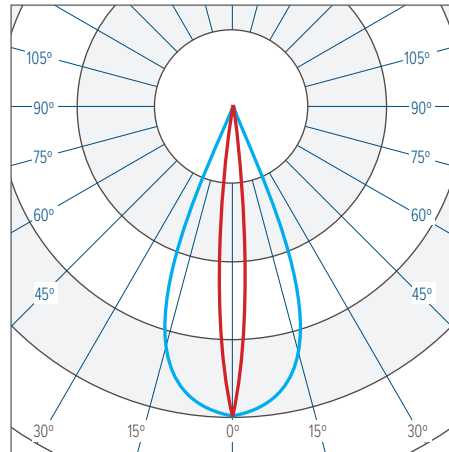
Horizontal Vertical CBCP 15071 7931 lm

EXTRA WIDE (RGBW) 68°



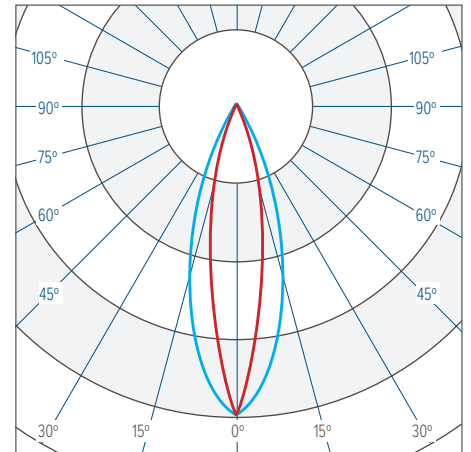
Horizontal Vertical CBCP 7086 8372 lm

ELLIPTICAL (RGBW) 41° x 11°



Horizontal Vertical CBCP 50852 7629 lm

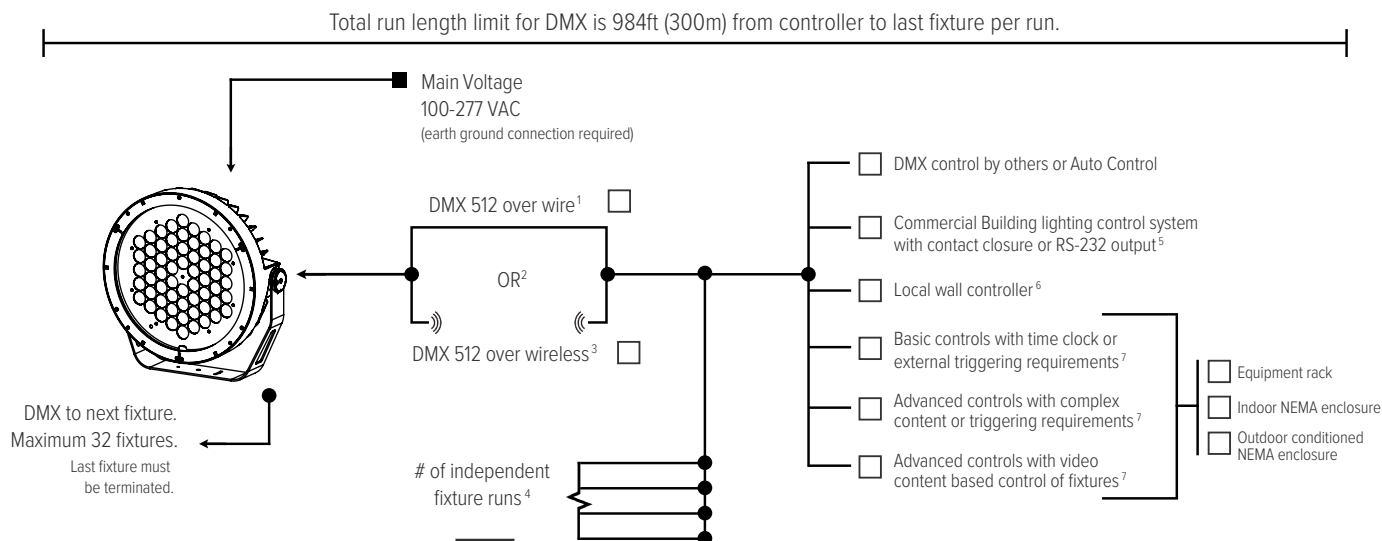
ELLIPTICAL WIDE (RGBW) 39° x 22°



Horizontal Vertical CBCP 24460 7151 lm

CONTROL OPTIONS (DMX512, PRIMARY CONTROL PLATFORM)

Contact manufacturer for control system development.



Notes

1. Wire specifications are available from factory as well as approved wire for purchase.
2. Other control protocol solutions available. Contact factory for more information.
3. Wireless components are external to fixture. Distance limitations based on antennas chosen and site conditions. Contact factory for more information.
4. Based on maximum of 32 fixtures per run as well as any site constraints on conveyance of data.
5. For example: Lutron, Crestron, Encelium, Douglas, ETC by others. Given control system will interface with building lighting control system.
6. Local wall controller for small applications. Wall controllers specified separately for larger systems.
7. Contact factory for assistance with specification. Onsite commissioning by Given of control system is required.

PRODUCT OPTIONS

SPREADING
DIFFUSER

Die-cut spreading
diffusers can be added
to fixture. Factory
sealed in fixture for
highest performance
and durability.
Consult factory.



MARINE
GRADE COATING

Maximum corrosion resistance for installations near salt or brackish water.



CUSTOM
MONOCHROME

Fixtures with dedicated color LEDs available. Contact Griven USA to confirm availability of a custom color.

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