

Type V

JHM SERIES HIGH MAST LUMINAIRE

PRODUCT DESCRIPTION

Jademar's JHM features a smart lighting system, lid-latch driver box design, easy installation & maintenance. Rugged, weather-tight design and 3G Vibration ratings, corrosion-resistant polyester powder painted. By adding a concave light retaining wall, excess light can be removed and the effect of receiving & blocking can be achieved. The design scheme can meet users' requirements for light seeing range to a greater extent. IP66 protection grade, waterproof structure design, IK10 shake-proof.

FEATURES

- Efficacy: 155lm/W to 183 lm/W
- CCT: 3000K / 4000K / 5000K
- CRI: 70 / 80 / 90
- IP66 and IK10 - waterproof and shakeproof
- Tool Free Maintenance
- OD: 2-3/8 inch
- High performance modular LED light engine
- Complies with DarkSky. No light emitted/Or less than 1% above a 90-degree angle
- Easy wiring & installation
- 3 or 7-pin receptacle with a variety of controls options
- Complies with Dark Sky Requirements
- Warranty: 10 Years



PHOTOMETRIC DESIGN

JHM light engine uses reflective technology to optimize application efficiency and minimize glare. The efficient design of the LED modules makes each light engine highly customizable, allowing the light distribution to be aimed toward the application. LM-79 test and report in accordance with IESNA Standard.

- The photometric engine takes advantage of the latest generation of powerful LEDs and dedicated optics for professional applications.
- Combined with Lumileds/Seoul chips that provide an alternative solution for those who are looking for very cost-effective yet efficient lighting while keeping the same luminaire design.



SPECIFICATIONS

Primary Input Power	230W / 315W / 380W / 460W / 580W / 720W
Efficacy	155 lm/W to 183 lm/W
Input Voltage	CC 120-277VAC / 347VAC / 480VAC Internal driver
CCT	3000K / 4000K / 5000K
IES Optic Type Options	15 / 30 / 60 / 120 Degrees, Type V
CRI	70 / 80 / 90
Ingress Protection (IP)	IP66
Controls	0-10VDC Dimming Type; Photocell
Lifetime Based on TM21	L90 @ >52,000 hrs
Certifications & Compliance	FCC Listed
Limited Warranty	10 Yrs

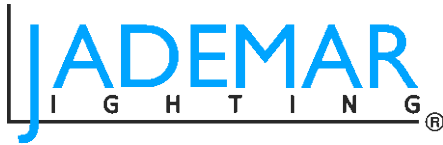
CERTIFICATIONS AND COMPLIANCE



APPLICATIONS

- Airport Lighting
- Expressway and freeway interchanges
- Port facilities
- Trailer/container yard and rail yard operation area





SPECIFICATION SUBMITTAL DETAIL

Project Name/Type:		Date:
Catalog/Part #:		

JHM SERIES HIGH MAST LUMINAIRE

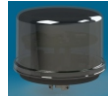
ORDERING INFORMATION / Example: **JHM-380W-H-50K-70-15D-S-SL-PCR3**

JHM						S	SL		
Product Series	Wattage	Input Voltage	CCT	CRI	Light Distribution	Mounting Options	Housing Color	Surge Protector	Dimming & Controls Options
JHM	230W 315W 380W 460W 580W 720W 720W-HE	Blank 120-277V H 347-480V	30K 3000K 40K 4000K 50K 5000K	70 70CRI 80 80CRI 90 90CRI	15D 15° 30D 30° 60D 60° 120D 120° TS Type V	S Slipfitter Mount	SL Silver Gray	Blank 10kV 20KV 20kV	Blank 0-10V Dimming PCR3 3 PIN NEMA Receptacle PCR7 7 Pin NEMA Receptacle

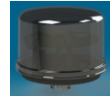
SOLD SEPARATELY FIELD INSTALLED OPTIONS



3 PIN Photocell



Synapse D4i TL7-DALI-DC
7 PIN Twist lock controller

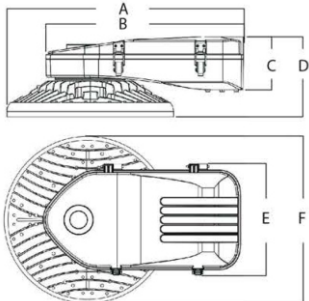


Synapse TL7-HVG 7 PIN
Twist lock controller

LUMEN PERFORMANCE AND ELECTRICAL DATA

Model Number	JHM-230W	JHM-315W	JHM-380W	JHM-460W	JHM-580W	JHM-720W	JHM-720W-HE
Nominal Wattage	230W	315W	380W	460W	580W	720W	720W
Max Lumen Output (lm)	37,950	50,400	58,900	75,900	92,800	111,600	131,768
Max Efficacy (lm/W)	165	160	155	165	160	155	183
CCT	3000K / 4000K / 5000K						
CRI	70 / 80 / 90						
Input Voltage	CC 120-277VAC / 347VAC / 480VAC Internal driver						
Light Distribution	15 Deg / 30 Deg / 60 Deg / 120 Deg / Type V						
Power Factor	>0.90						
Dimming	0-10VDC						
Lifetime Based on TM21	L90 @ >52,000 Hrs						
Net Weight	40.78lbs			44.09lbs			
Certifications	FCC						
Ingress Protections	IP66 Rated						
Surge Protection	10kV Standard / 20kV Optional						
Warranty	10 Years Limited						

DIMENSIONS



EPA for 230W to 380W = 1.20

EPA for 460W to 720W = 1.35

	A	B	C
230W 315W 380W	26.00"	21.70"	5.80"
	D	E	
	12.30"	18.30"	
460W 580W 720W	A	B	C
	27.60"	21.70"	5.80"
	D	E	
	12.30"	18.30"	



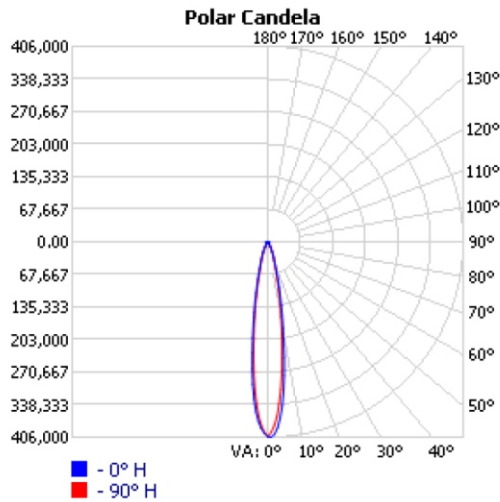
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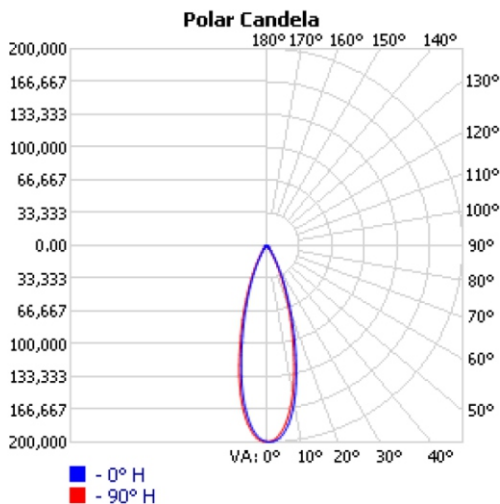
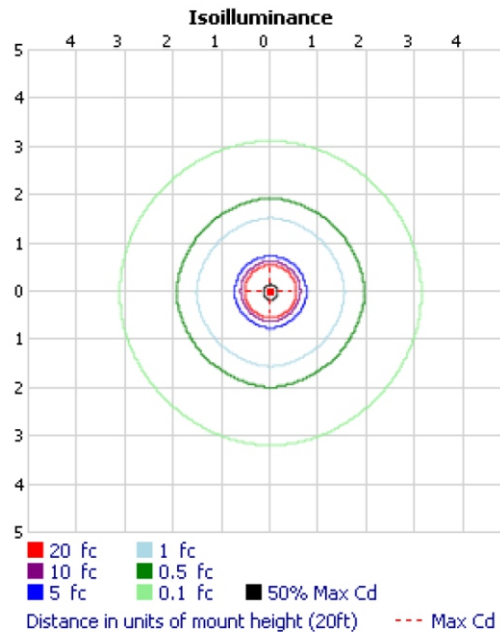
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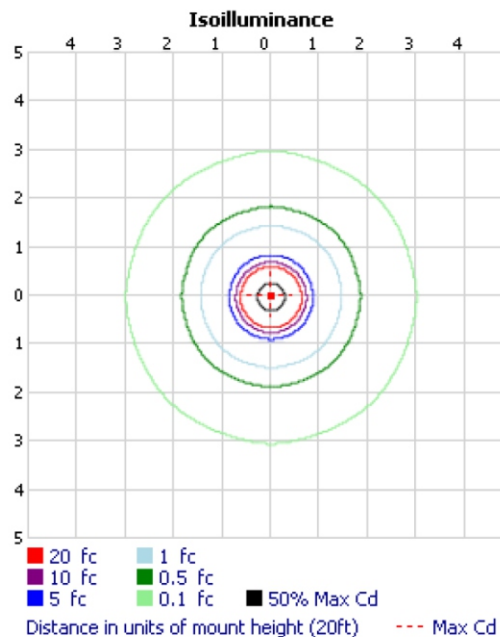
PHOTOMETRICS



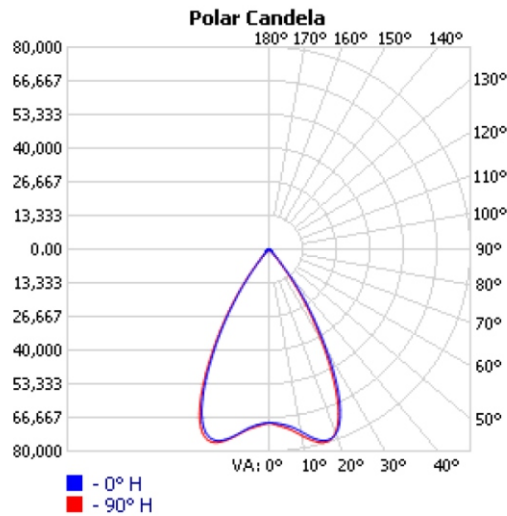
JHM-460W-40K-15D-P



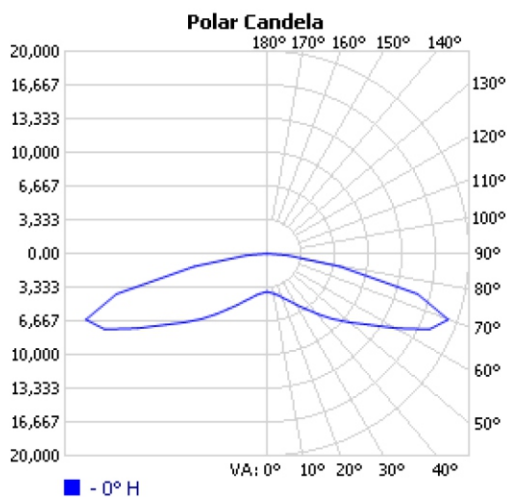
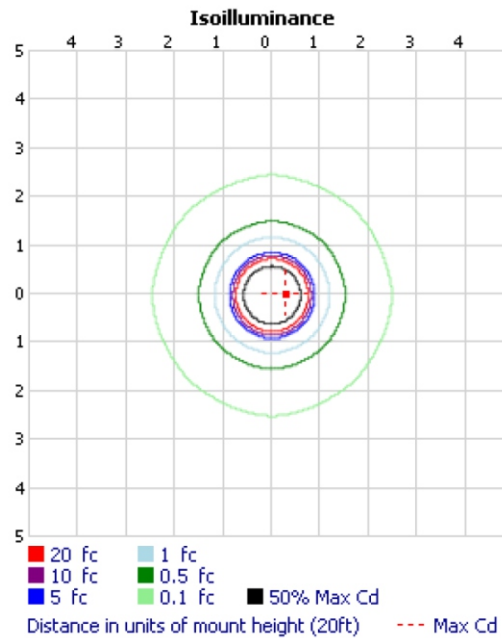
JHM-460W-40K-30D-P



PHOTOMETRICS



JHM-460W-40K-60D-P



JHM-460W-40K-T5

