

200W - 640W LED HIGH MAST



JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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PROJECT NOTES:

FEATURES

- ◆ Wattage: 200W/240W/300W/320W/420W/480W/580W/600W/640W
- ◆ Input Voltage: 120-277VAC / 277-480VAC
- ◆ CCT: 3000K 4000K, 5000K, 5700K
- ◆ 140lm/W
- ◆ IP66 Rated for Wet Locations
- ◆ 3G Vibration Rating
- ◆ 5 Year Warranty
- ◆ 10 Year Warranty Available
- ◆ 5,000 Hour Salt Fog Rating
- ◆ ETL/DLC Certified



RoHS 
Compliant

Revised 9/19/22

Specifications are typical values and may change without notification

efficiency. illuminated.

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Model	G3HM-200	G3HM-240	G3HM-300	G3HM-320	G3HM-400	G3HM-480	G3HM-580	G3HM-600	G3HM-640
Wattage	200W	240W	300W	320W	400W	480W	580W	600W	640W
Lumen Output	28,000lm	33,600lm	42,000lm	44,800lm	56,000lm	67,200lm	81,200lm	84,000lm	89,600lm
Input Voltage	120-277VAC / 277-480VAC 50/60Hz								
Surge Protection	10KV/20KV								
Dimming (Optional)	0-10V								
Power Efficiency	>88%								
Power Factor (PF)	>0.9								
THD	<20%								
Luminaire Efficacy (+/- 5%)	140lm/W								
Beam Angle	10°/25°/45°/60°/AN								
CRI	>70								
CCT	3000K / 4000K / 5000K / 5700K								
Rating	IP65/IK08								
Vibration Rating	3G								
Housing Material	Die-Cast Aluminum Prismatic Glass								
Mounting Types	External Clamp Mounting								
Accessories (Optional)	Photocell								
Housing Color	Gray								
L70 Hours	>100,000 Hours+								
Certifications	ETL, FCC, ROHS, IK08, IP65								

ORDERING GUIDE

MODEL	-	WATTAGE	-	VOLTAGE	-	CCT	-	COLOR	Beam Angle	-	DIMMING	-	OPTIONS
JLS68103-G3HM	-	200 = 210 Watt	-	277 = 120-277VAC	-	30K = 3000K	-	B = Black	10 = 10 Degree	-	10 = 1-10V Dimming	-	PC = Photocell
	-	240 = 240 Watt	-	480 = 277-480VAC	-	40K = 4000K	-	G = Grey	25 = 25 Degree				
	-	300 = 300 Watt	-		-	50K = 5000K	-	S = Silver	45 = 45 Degree				
	-	320 = 320 Watt	-		-	57K = 5700K	-	C = Custom	60 = 60 Degree				
	-	400 = 400 Watt	-		-		-		AN = Area Narrow				
	-	480 = 480Watt	-		-		-						
	-	580 = 580 Watt	-		-		-						
	-	600 = 600 Watt	-		-		-						
	-	640 = 640 Watt	-		-		-						

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AREA LIGHTING

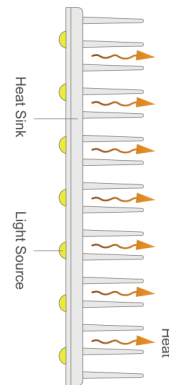
The luminaire has an area narrow and area wide distribution to maximize pole spacing while meeting the required foot-candle level and uniformity for the application. Performance packages range up to 100,800 lumens designed to meet critical levels for “high task” areas in Ports, Rail Yards, Industrial, and Correctional facilities. The fully prismatic glass optics produce an overlapping light pattern resulting in high application efficacy providing excellent uniformity

and glare control resulting in excellent visibility within the space.

Convection Cooling



The luminaire uses a die-casting heat sink to convect/conduct to quickly dissipate heat, and extend the life of the LED array.



Mounting



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