



200W - 640W LED HIGH MAST

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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PROJECT NOTES:

PRODUCT DESCRIPTION

Jaykal's new generation shoe box fixture for outdoor application with wattage/ CCT selectable function.

Wattage and color selectability is standard, allowing field tuning to meet changing project requirements. It featuring four wattage presets and three color presets and is DLC listed.

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 12/2/24

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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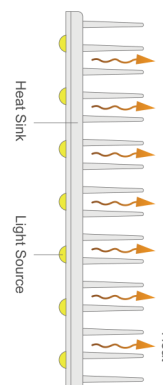
AREA LIGHTING

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.



Convection Cooling



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