YAHAM® Lighting

In 2024 First Edition

Argus

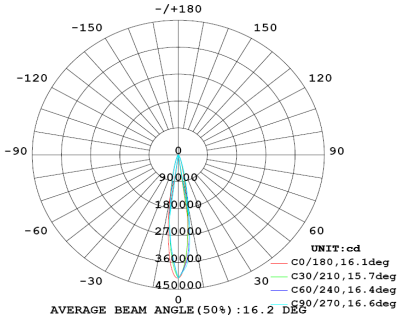
500W LED High Mast Light Specification

Parameters

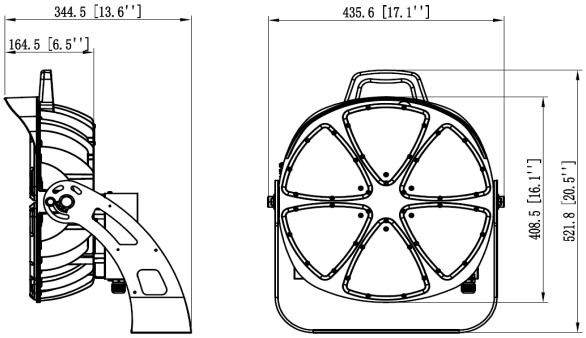
Product Model	YHL-PO5-500
LED Chip	5050（3535 Optional）
Light Efficiency	150 lm/W（130lm/w Optional）
Luminous Flux	75000 lm
Color Temperature	5000K(3000K/4000K/5700K Optional)
Beam Angle	15°(25°、60° Optional)
Total Power Consumption	500W±25W
Net Weight	17.2Kg±0.8Kg
Light Dimensions	L435.6mm×W521.8mm×H344.5mm
Light Package Dimensions	L685mm×W565mm×H330mm

≥0.95	70 Ra	IP66	≥100000 Hrs	AC 100-277V	47-63Hz
Power Factor	CRI	IP Level	TM-21(L_{70})	Input Voltage	Power Frequency

Light Distribution



Physical Dimensions



Others

Power Efficiency	Working Temperature (Environment)	Heat Sink Surface Temperature
≥93%	-40℃ ~ +45℃	66.3°C (Room Temperature 23.3°C)
Fixture Efficiency	**Working Humidity (Environment)**	**Luminaire Base Temperature**
≥90%	15%～90%RH	71.1°C (Room Temperature 23.3°C)
Total Harmonic Distortion	**Storing Condition**	**LED Power Consumption**
≤15%	-40℃ ~ +65℃	465±25W

Suitable for Square, Intersection, Overpass bridge, Harbor, Dock, Airport, Toll station, Stadium and Other Lighting Purposes

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*Subject to change without notice