

Product Specification

In 2014 First Version

Product Name

600W LED High Mast Light



Product Model

YHL-FL-600

Optical Parameters

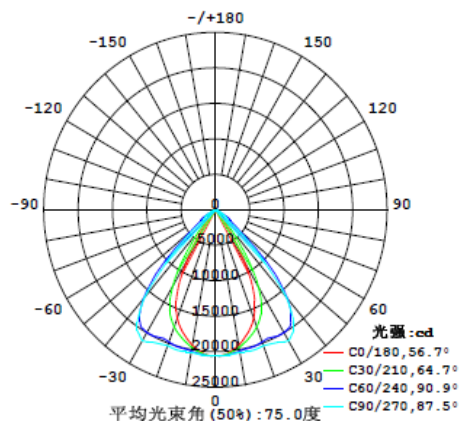
Electrical Parameters

LED Chip Brand	CREE XPL	Input Voltage	AC 100~277 V
LED Chip Type	10W Single Chip	Power Frequency	47~63Hz
LED Chip Quantity	168pcs	Output Voltage	DC 36~48V
Color Temperature	4500~5500K(2500~5500K optional)	Output Current	13.4A(constant current)
Fixture Efficiency	≥90%	Total Power Consumption	600W±10W
Light Efficiency	≥115lm/W	LED Power Consumption	564W±10W
Luminous Flux	>69000lm	Power Efficiency	≥91%
Color Rendering Index	≥70	Power Factor	≥0.95
Beam Angle	60/90°	Total Harmonic Distortion	≤15%

Others

Heat Sink Surface Temperature	58℃ (Room Temperature 30℃)	Lifetime	≥50000Hrs
Luminaire Base Temperature	68℃ (Room Temperature 30℃)	Fixture Material	Aluminum Alloy+PC Lens
Working Temperature (Environment)	-30~+55℃	IP Level	IP65
Working Humidity (Environment)	15%~90%RH	Net Weight	15.5kg±0.4kg
Storing Condition	-40~+65℃	Light Dimensions	L620mm×W460mm×H120mm
HID Replacment	1000W	Light Package Dimensions	1pcs: L680mm×W520mm×200mm

Light Distribution Curve



Rectangular Spot

Physical Dimensions

