

# Lumiway II

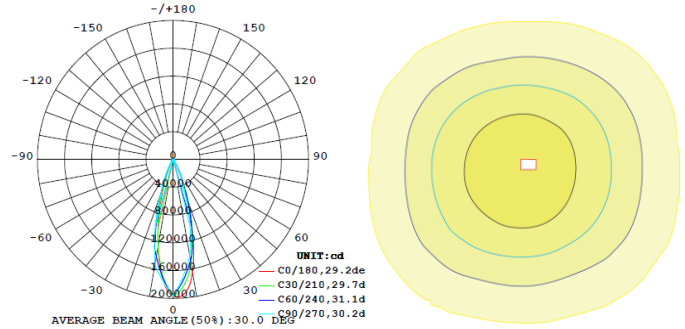
## 450W LED High Mast Light Specification



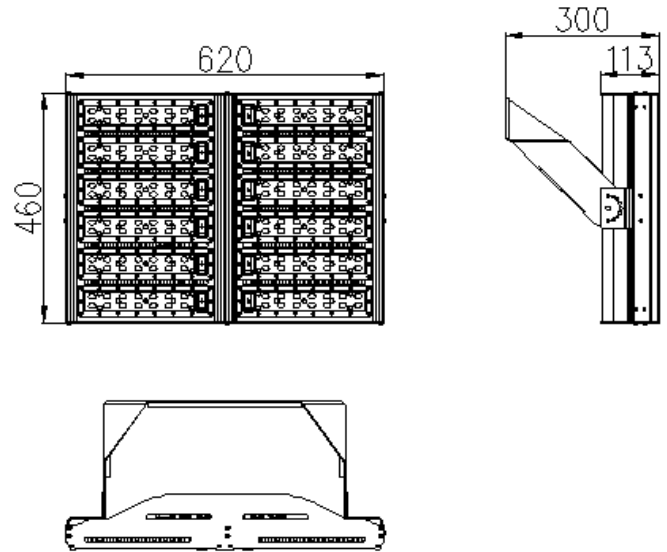
### Parameters

<b>Product Model</b>	YHL-PO-450
<b>LED Chip Brand</b>	Nichia
<b>Light Efficiency</b>	≥115 lm/W
<b>Luminous Flux</b>	>51800 lm
<b>Color Temperature</b>	4500 ~ 5500K(2500 ~ 5500K optional)
<b>Beam Angle</b>	30°(60°/90° optional)
<b>Total Power Consumption</b>	450W±20W
<b>Output Current</b>	4.6*2A (constant current)
<b>Output Voltage</b>	DC 36~48V
<b>Net Weight</b>	16.5kg±0.4kg
<b>Light Dimensions</b>	L620mm×W460mm×H113mm
<b>Light Package Dimensions</b>	L690mm×W590mm×H200mm

### Light Distribution



### Physical Dimensions



<b>≥0.95</b>	<b>70 Ra</b>	<b>IP65</b>	<b>≥100000 Hrs</b>	<b>AC 100-277V</b>	<b>47-63Hz</b>
Power Factor	CRI	IP Level	TM-21(L <sub>70</sub> )	Input Voltage	Power Frequency

### Others

<b>Power Efficiency</b>	<b>Working Temperature (Environment)</b>	<b>Heat Sink Surface Temperature</b>
≥92%	-40°C ~ +50°C	63.7°C (Room Temperature 30°C)
<b>Fixture Efficiency</b>	<b>Working Humidity (Environment)</b>	<b>Luminaire Base Temperature</b>
≥90%	15%~90%RH	79.6°C (Room Temperature 30°C)
<b>Total Harmonic Distortion</b>	<b>Storing Condition</b>	<b>LED Power Consumption</b>
≤15%	-40°C ~ +65°C	415W±20W

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