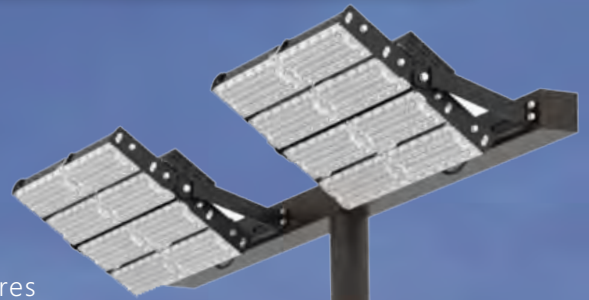# LED High Mast Lights

800W 960W

▶ FEATURES & BENEFITS

- IP65 rated LED floodlight
- Rotatable modules offering maximum customisation
- Heavy duty stirrup mounting bracket
- Multiple optics available
- Can be installed as a floodlight or high bay
- With illumination equivalent to 1750 watt and 2000W metal halide fixtures
  you'll enjoy an "instant-on, flicker-free" cold start, and industry-leading 155-160Lm/W.
- Protractor scale for easier aiming
- 50,000-hour operating life means years of maintenancefree operation.
- Unique design extracts heat from the light source, thereby extending component life and ultimately
  prolonging the useful life of the fixture.
- Lightweight design provides easy retrofitting of existing HID installations,along with quick mounting on
  all new installations.
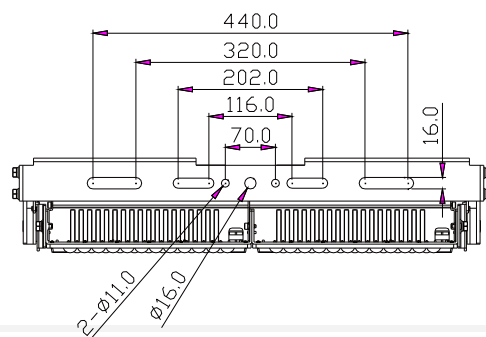
LED HIGH MAST LIGHT   800W   960W

5 YEAR WARRANTY
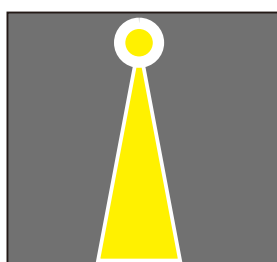
▼ DIMENSIONS

649.0±3.0
582.0
596.9±3.0
529.7
85.6
131.5
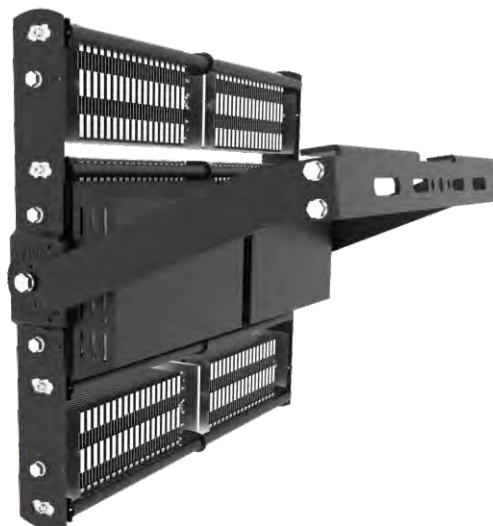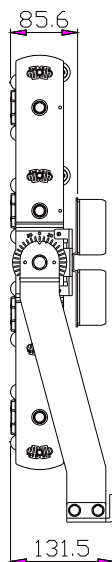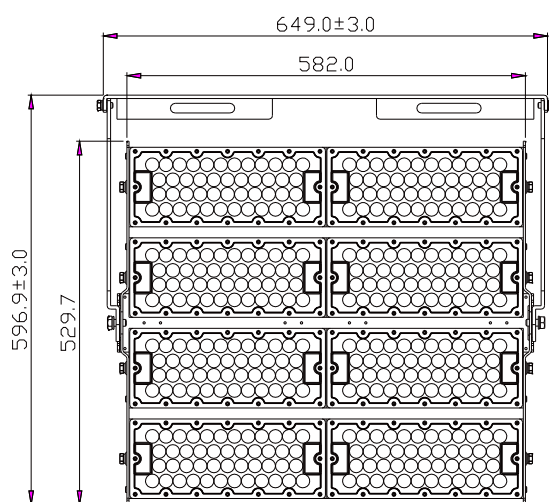
◄ Length: 25.5 in (649 mm)
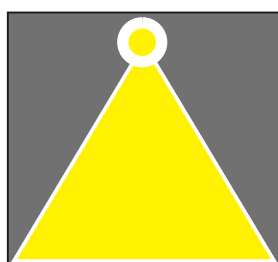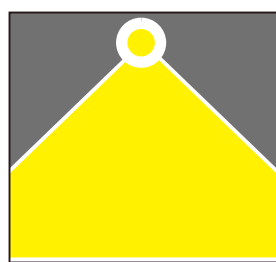
▲ Height: 18.6 in (474 mm)

▼ Width: 5.2 in (132 mm)

440.0
320.0
202.0
116.0
70.0
16.0
2-Ø11.0
Ø16.0

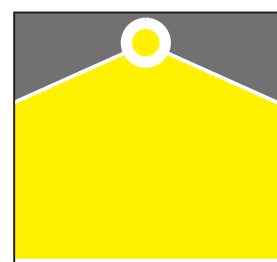## ▼ PHOTOMETRICS
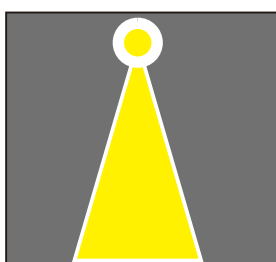
20°   **40°**   **60°**   **90°**   **120°**

All Applications
• Uniformity and light quality
• Light pollution and spillage
• Controls

Baseball, Softball
• High levels of illumination
• Lighted from all sides
• Reducing glare

Harbors, Wharfs
• Pole location (primarily sidelines)
• Pole quantity
• Number of fixtures per pole

Soccer, Lacrosse, Mixed Use
• Pole location
• Pole quantity
• Number of fixtures per pole

Basketball, Tennis
• Floodlight, or area-style fixtures
• Court configuration (grouping)
• Court access

1 ▶ Rotatable module

2 ▶ Replaceable optical lens

3 ▶ Protractor scale for easier aiming

4 ▶ Lengthened heavy duty mounting bracket allowing for 360º rotation

5 ▶ Salt spray resistant, corrosive resistant, processed with dedicated treatments on the heat sink and other components, these fixtures can withstand corrosive and salt intensive environments.

LED HIGH MAST AREA LIGHT SPECIFICATION SHEET

▶ **OPTICAL SPECS**

	LSHM-B800W-LV(XXK)	LSHM-B960W-LV(XXK)
Efficency:	Up to 160 Lm/W±3%	Up to 155 Lm/W±3%
Lumen:	128,000 Lumens	148,800 Lumens
Color Temp:	3000K / 4000K / 5000K / 5700K	
Light Source:	Lumileds 5050	
Beam Angle:	20° / 40° / 60° / 90° / 140*100°/ Milky PC 120°	

▶ **ELECTRICAL SPECS**

Wattage:	800 Watt	960 Watt
Input Voltage:	100-277VAC	
Power Frequency:	50/60 Hz	
Driver:	Meanwell 4xELG-240-48A	
Dimming:	Dimmable / Non-dimmable	

▶ **OTHER DETAILS**

Fixture Material:	Marine grade aluminum
IP Rating:	IP65 (TUV report available)
Module rotatable:	Module rotatable up & down 15°
Lifespan:	>50,000 Hours
Dimensions：	25.5 x 18.6 x 5.2 in (649 x 474 x 132mm)
Certficates：	TUV ,CE ,SAA ,CB, LM79, LM80, ISTMT, LCP

TÜV CE SAA APPROVALS CB LM 80 / LM 79 ISTMT LCP IP65 Salt Spray Test

LED HIGH MAST LIGHT
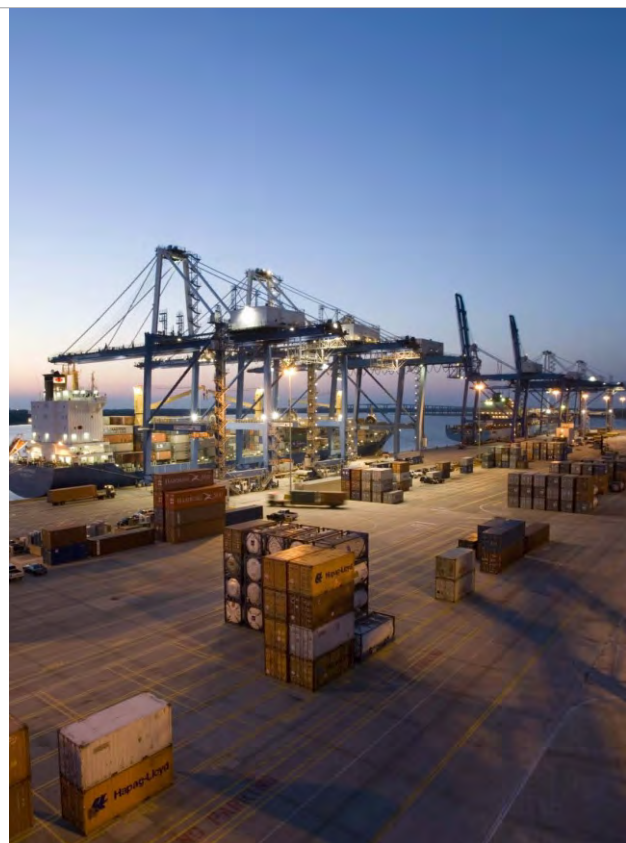
APPLICATION

▶ Outdoor lighting ▶ Security lighting ▶ Industrial lighting
▶ Sports field lighting ▶ Construction site lighting
▶ Highmast lighting

▼ ADJUSTABLE MOUNT

±360°

±180°

Round installation plate

±15°