



LED High Mast Lights

100W 120W

► 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 250 watt metal halide fixtures you'll enjoy an "instant-on, flicker-free" cold start, and industry-leading 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 H.M. installations, along with quick mounting on all new installations.



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

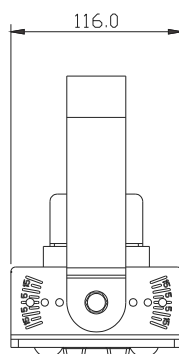
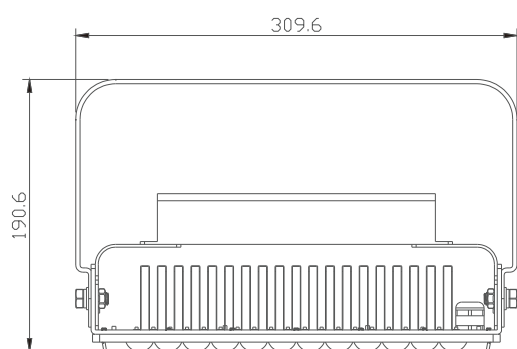




LED HIGH MAST LIGHT 100W 120W



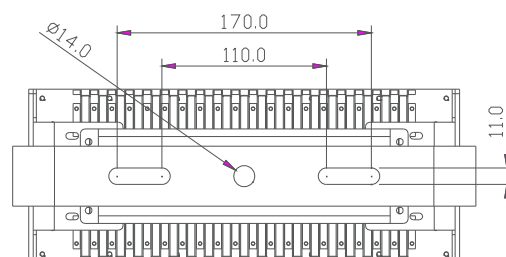
▼ DIMENSIONS



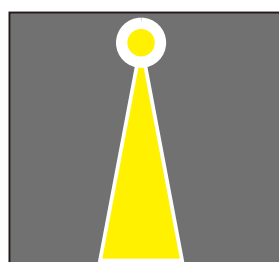
◀ Length: 4.65 in (309.6 mm)

▶ Height: 4.65 in (190.6 mm)

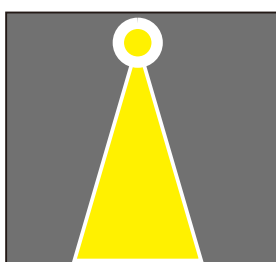
▼ Width: 4.65 in (116 mm)



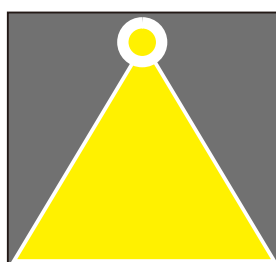
▼ PHOTOMETRICS



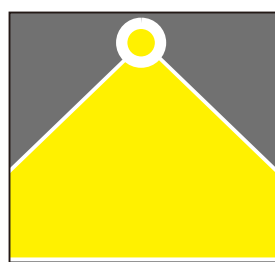
20°



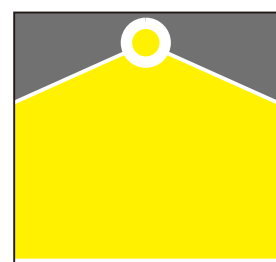
40°



60°

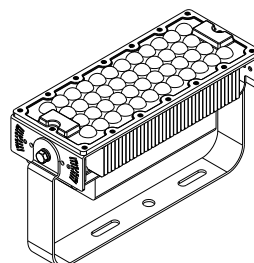
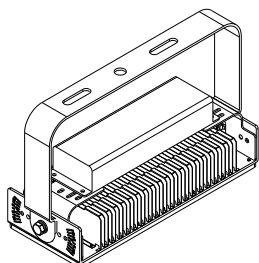


90°



120°

LED HIGH MAST AREA LIGHT SPECIFICATION SHEET



► OPTICAL SPECS

LSHM-100W-LV(XXX)

LSHM-120W-LV(XXX)

Efficiency:

Up to 160 Lm/W \pm 3%

Up to 155 Lm/W \pm 3%

Lumen:

16,000 Lumens

18,600 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:

100 Watt

120 Watt

Input Voltage:

100-277VAC

Power Frequency:

50/60 Hz

Driver:

Meanwell ELG-150-48A

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:

11.7 x 14.25 x 5.2 in
(297 x 362 x 132mm)

Certificates:

TUV ,CE ,SAA ,CB, LM79, LM80, ISTMT, LCP



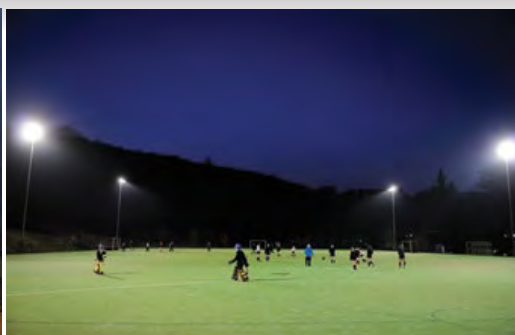
Salt Spray Test

LED HIGH MAST LIGHT

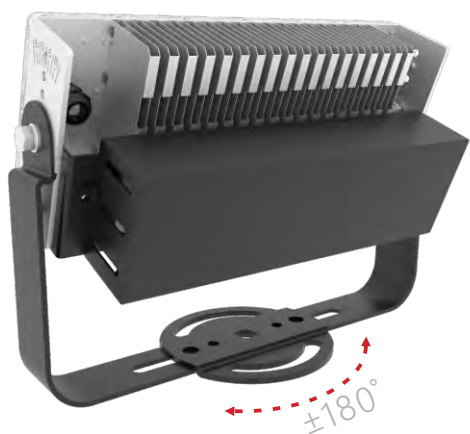


APPLICATION

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



▼ ADJUSTABLE MOUNT



±360°



Round installation plate