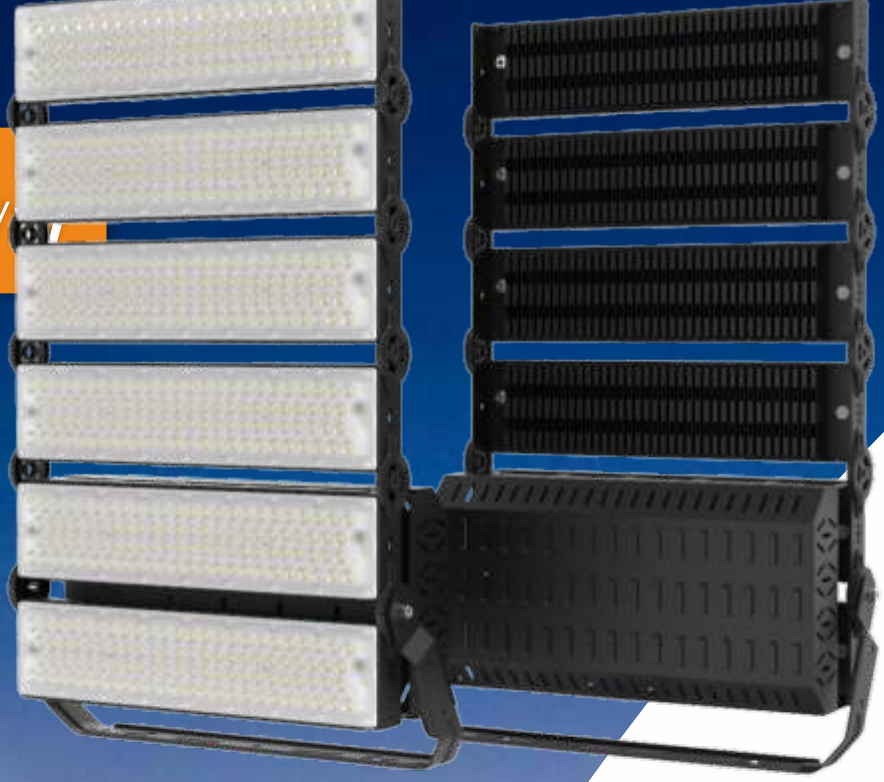
170LM/W



SLIM PRO

LED HIGH MAST LIGHT

LSHM-B1440W-LV(XXK)

1440W

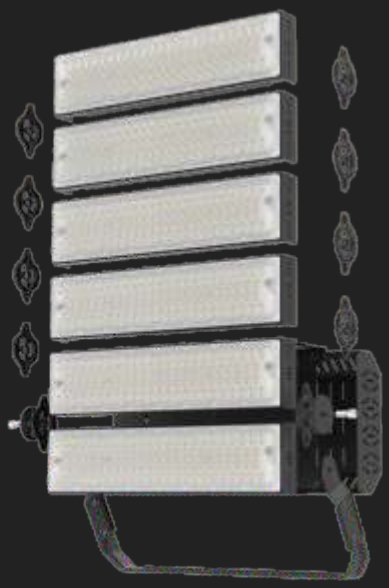
For area lighting for applications:

Airports, Golf course | Sport Fields | Stadiums|
Shopping Centers | Prisons | Expressways |
Industrial Facilities and Railway Terminals etc.

LM79 LM80 | IK10 IP66 | spray test | ISTMT | TM21

SunTechLed

www.suntechleds.com



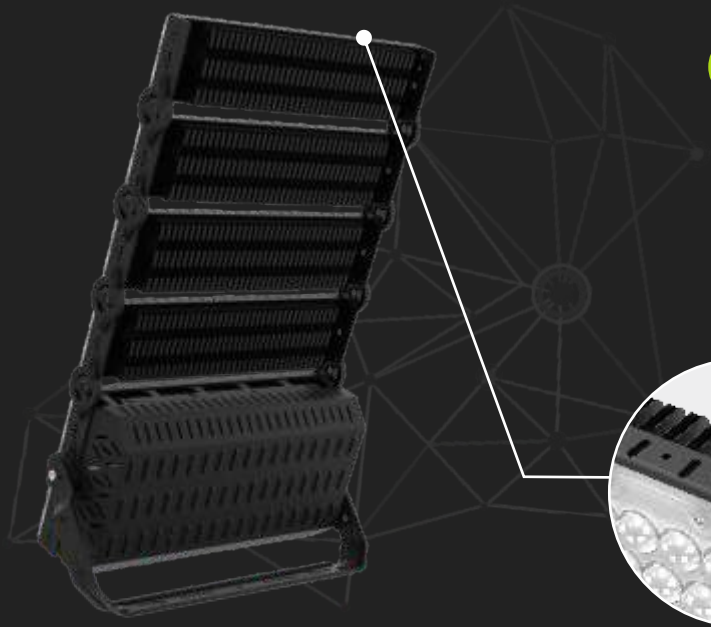
1 SILM PRO SERIES

SILM PRO series LED HIGH MAST LIGHT is built with robust Folding aluminum fin module housing and heavy duty anticorrosive surface treatment for sparking the beauty and improving lighting conditions of applied area. Originated by the demand for large field lighting applications,SILM PRO series flood lights can be extended to 1440W and fixture efficacy reaches to 165LPW, better brilliance, less energy consumption.

2 IP66 WATERPROOF & IK10

1. High luminaire efficiency up to 175Lm/w
2. Marine grade aluminum housing
3. IP66 and IK10 protection rate
4. 5 years warranty
5. Folding aluminum fin design which are very light weight

M20 Waterproof Breathable Pressure Relief Vent Plug



3 Folding aluminum fin design

Folding aluminum fin design which are very light weight. Increase the heat dissipation surface area by air cooling to dissipate heat and expand the contact area with air! It speeds up the spread of heat! Thermal effect is good! Compared with traditional die-cast aluminum and profile aluminum, which is heavier and there are certain safety risks. On the contrary ,the aluminum fin heat sink are more secure.

The module heat sink adopts the hemming design to prevent the deformation of the heat sink due to crash during the shipment and enhance the flatness and strength of the contact surface of the module heat sink.

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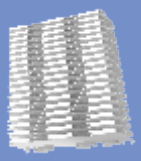
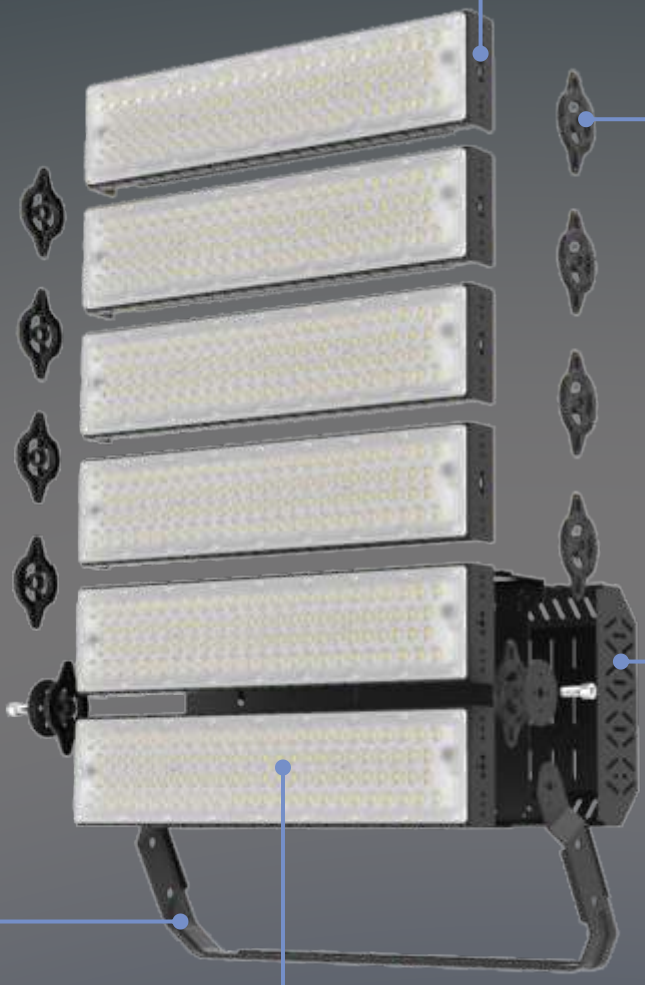


Folding Aluminum Fin

High pure thermal conductive module Folding aluminum fin heat sink is made with high pressure Folding technology

The module heat sink adopts the hemming design to prevent the deformation of the heat sink due to crash during the shipment and enhance the flatness and strength of the contact surface of the module heat sink.



Module Connecting Piece

The slim pro series high mast lights reduce the side bar fixing, and adopt the die-cast connecting pieces which has greatly reduces the weight of the whole lamp.

Driver Shell

Use a driver shell to avoid the driver to be directy exposed to the air, increase the distance between the driver and the lamp body, and the driver has better heat dissipation.

Swivel Bracket

The fixing bracket is made of high-strength material and is bent at an angle of 45 ° to make the lamp body better installed.

PC Lens

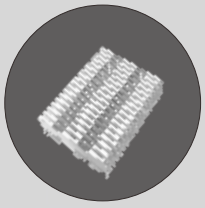
The optical lens is made of PC, and the transmittance reaches 92%,reducing light loss,maximize the lumens on where it should be lit up and evenness, minimize lighting pollution to nature and human life.

DESIGN FOR HIGH VERSATILITY

50,000H | -30~45°C | IK10 | IP65 | High Efficiency | Energy Saving | Long-life Span | Low Light Attenuation

Folding Aluminum Fin

High pure thermal conductive module Folding Aluminum Fin Heat sink is made with high pressure Folding technology.



Professional optics

The optical lens is made of PC, and the transmittance reaches 92%,reducing light loss,maximize the lumens on where it should be lit up and evenness, minimize lighting pollution to nature and human life.

Module Rotatable

Module Rotatable ±25° ,Separate module can be mounted on the same robust bracket to offer the utmost flexibility.

Installation Versatility

The fixing bracket is made of high-strength material and is bent at an angle of 45 ° to make the lamp body better installed.

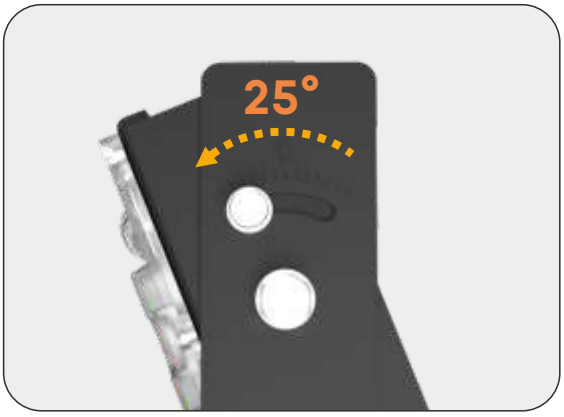
Module Adjustment Installation

Module Rotatable LED Floodlights

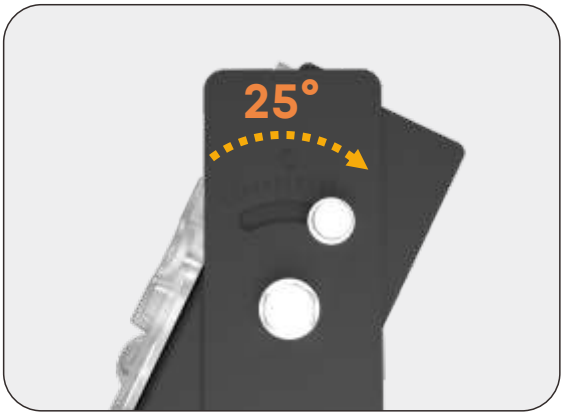
1440W

Loosen the screw with M8 wrench

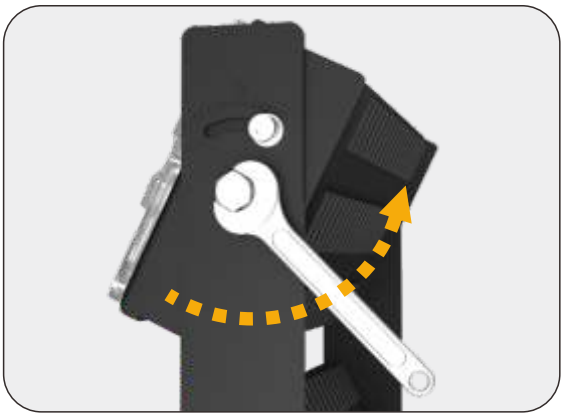
Loosen the screw with M6 hexagonal wrench



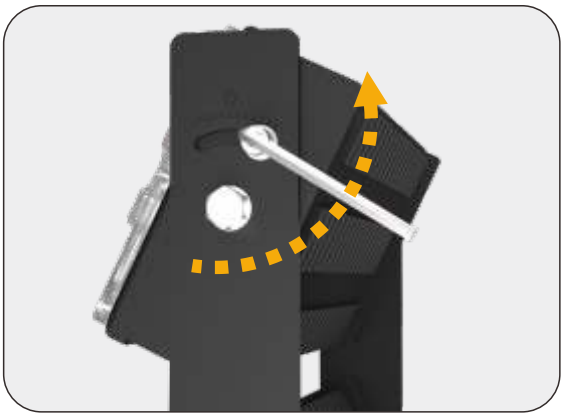
Forward Adjustment 25°



Backward Adjustment 25°



Lock the screw with M8 wrench



Lock the screw with M6 hexagonal wrench

Adjustable Module

Flood / High Mast / Stadium Lights

Maximize the lumens on where it should be lit up and evenness
Minimize lighting pollution to nature and human life.

Anti-glared Visor

Model None Rotatable

Module Rotatable ±25°

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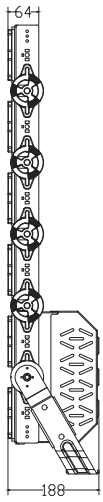
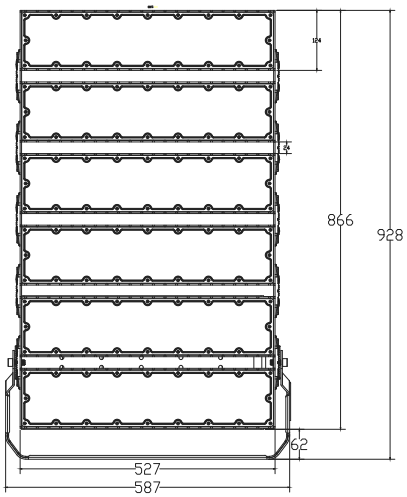
SLIM PRO SERIES

Module Rotatable LED Floodlights

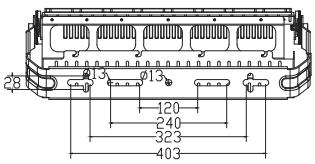
Dimension

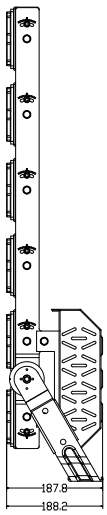
Unit:mm

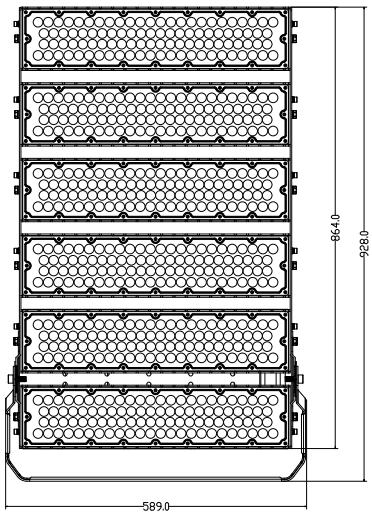




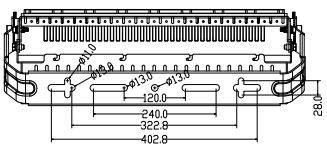
Model None Rotatable







Module Rotatable



SLIM PRO

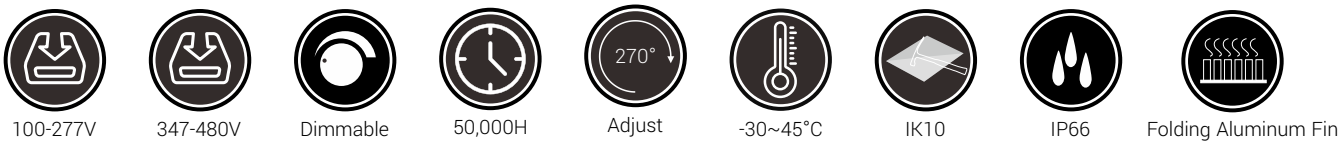
LED HIGH MAST LIGHTS

- Light Source:Luminleds 5050
- Input Volt: 100-277VAC
- IP Rating IK Rating : IP66 & IK10
- Beam Angle:10° 20° 40° 60° 90° 140x100° 135x60°(P50)
- Color Temp: 3000K 4000K 5000K 5700K 6000K
- Size: 587*928*188mm
- Weight: 22.4Kg
- 5 years warranty

FLAME RETARDED

SALT SPRAY TEST

Black Grey

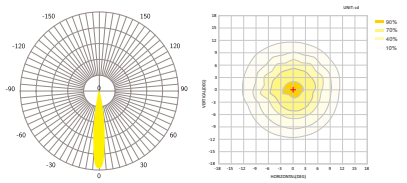


100-277V | 347-480V | Dimmable | 50,000H | Adjust | -30~45°C | IK10 | IP66 | Folding Aluminum Fin

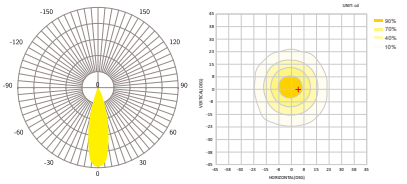
Specifications

Part Number	LSHM-B1440W-LV(XXK)
Watt	1440W
Efficency	170LM/W±3%
Lumen	244,800Lm
Driver	Meanwell Driver 6pcs XLG-240-H-A

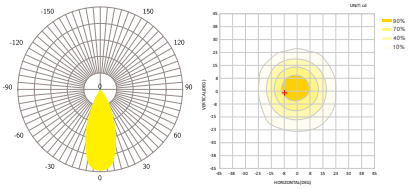
Beam Angle



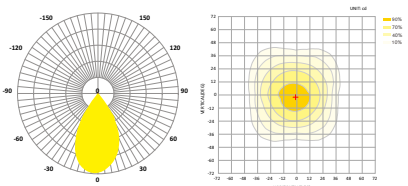
10°



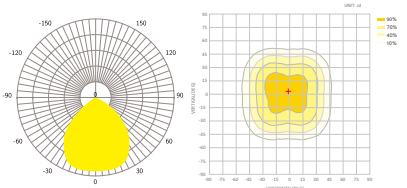
20°



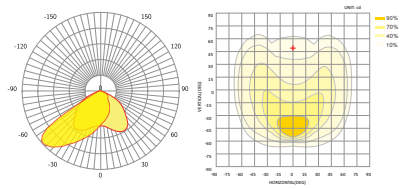
40°



60°



90°



P50(135*60°)

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SLIM PRO SERIES

Module Rotatable LED Floodlights

Features

1.High luminaire efficiency up to 160lm/w
2.Marine grade aluminum housing
3. IP66 and IK10 protection rate
4. 5 years warranty
5.Folding aluminum fin design which are very light weight
6.ENEC ETL DLC TUV CE CB SAA RoHS REACH LM79 LM80 TM21 IK10 Salt Spray test approved.

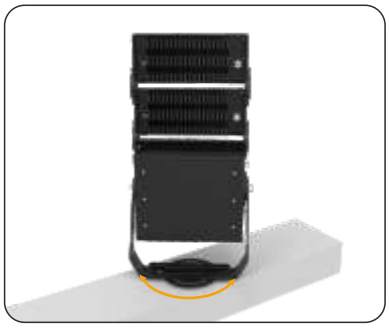
5 Years Warranty

50000 Hour Long Service Life

Accessorries

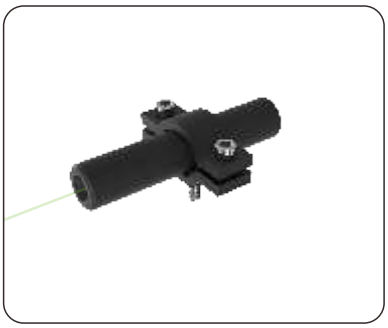
Unit:mm

Slip fitter(60mm)



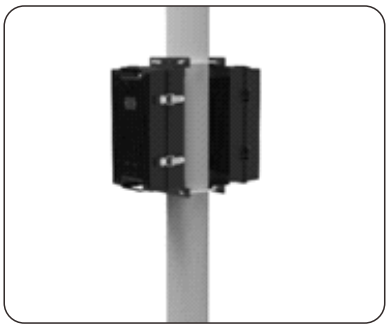
Round installation plate

Anti-glared Visor



laser pointer

Remote driver box

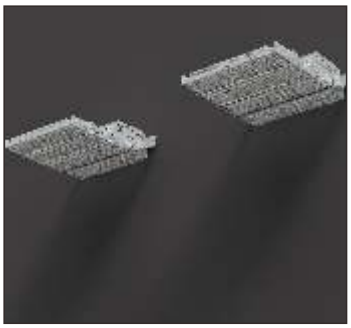


Remote driver box

Application

For area lighting for interior and exterior applications:
airport, golf course, factories, plants, warehouse, exhibition halls, gym, seaport, highway, high mast lighting and etc.

Installation

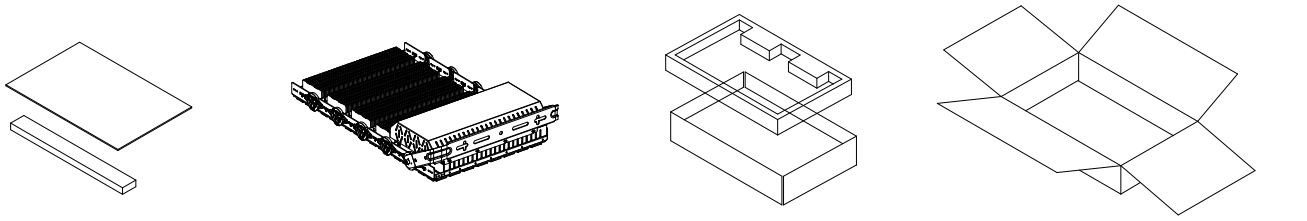


Wall Installation

Ground Installation

Pole Installation

Package details



Wattage	Size of Box	Weight	Box Quantity
1200W/1440W	100x61.2x23.7cm	25.3Kg	1PC