

LED High Mast Lights

400W (100W/Mode) 480W (120W/Mode)
UP TO 1440 W

► 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 800 watt and 1000W 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.





LHM-LS(200-1200)-A(Color)-(Angle)-A1

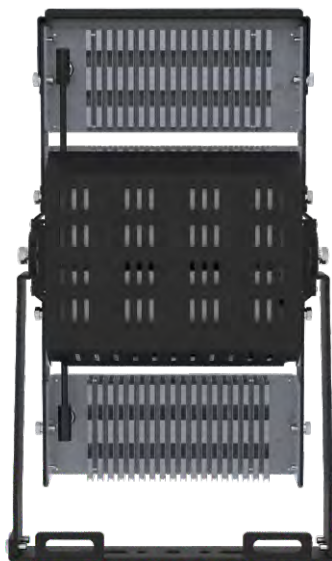
LED HIGH MAST LIGHT 400W(4 Modes)

LHM-LS(240-1440)-A(Color)-(Angle)-A1

480W(4 Modes)



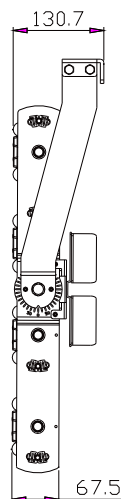
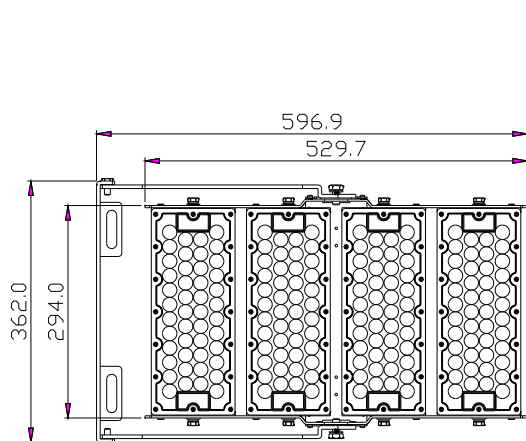
200W
1
400W



240W
1
480W



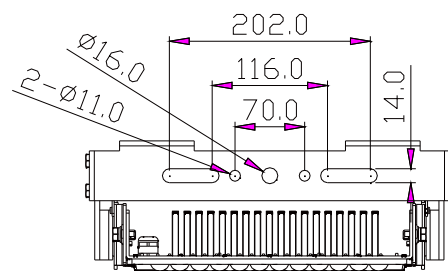
▼ DIMENSIONS



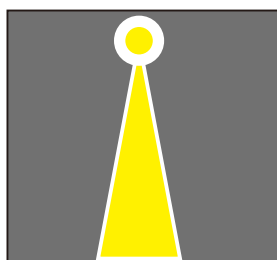
◀ Length: 14.25 in (362 mm)

▲ Height: 23.5 in (597 mm)

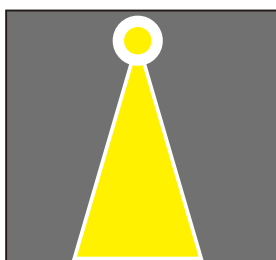
▼ Width: 5.2 in (132 mm)



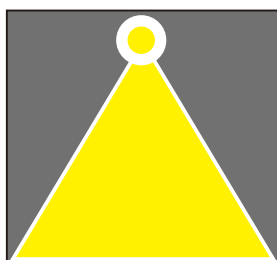
▼ PHOTOMETRICS



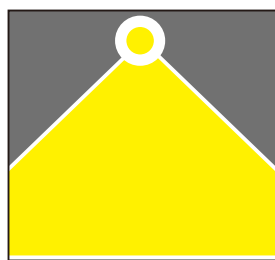
20°



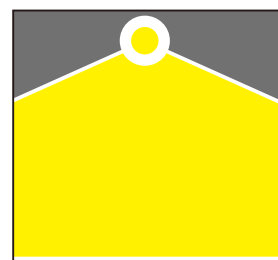
40°



60°



90°



120°



1400 W



1200 W



800 W



720 W



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 360° 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

	LHM-LS400-A(Color)-(Angle)-A1	LHM-LS480-A(Color)-(Angle)-A1
Efficiency:	Up to 160 Lm/W \pm 3%	Up to 155 Lm/W \pm 3%
Lumen:	64,000 Lumens	74,400 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:	400 Watt	480 Watt
Input Voltage:	100-277VAC	
Power Frequency:	50/60 Hz	
Driver:	Sosen SS-200VA-56 X2	Sosen SS-240VA-56 X2
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:	23.5 x 14.25 x 5.2 in (597 x 362 x 132mm)
Certificates:	ETL ,cETL ,DLC, CB, Salt Spray test

Glare Hood
LHM-LS-HD(1/2)



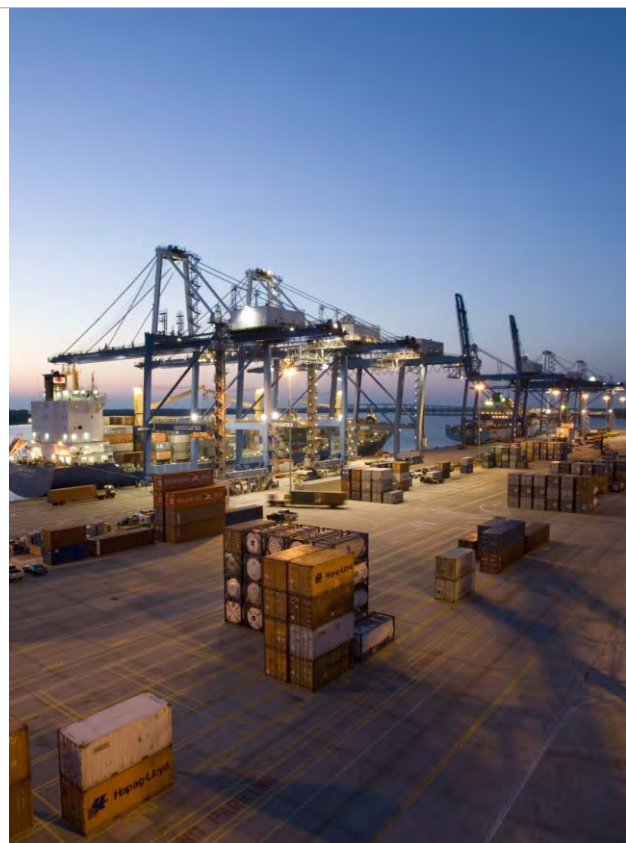
Rotate Plate
LHM-LS-RP



Spit Fitter
LHM-LS-SF



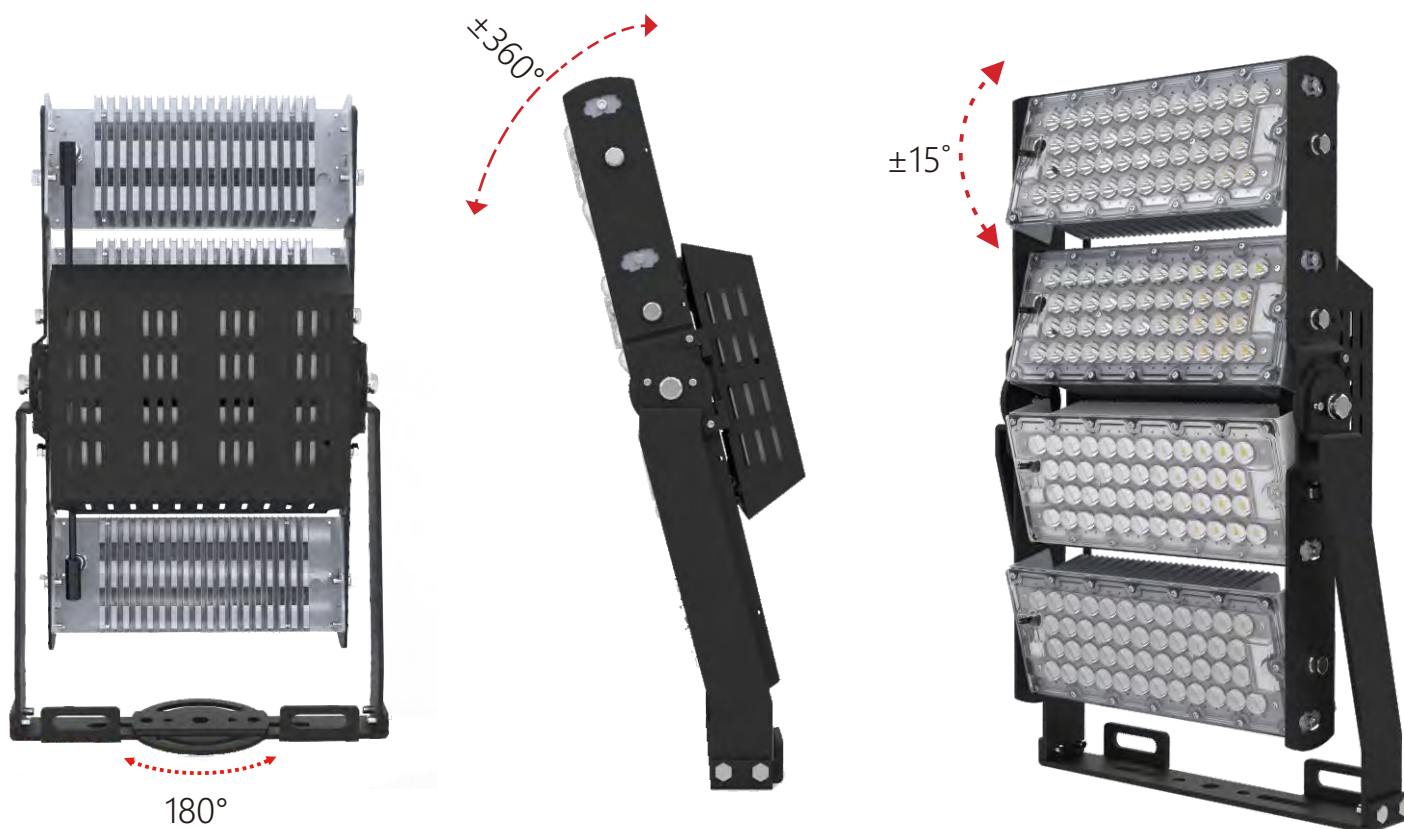
LED HIGH MAST LIGHT



APPLICATION

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

▼ ADJUSTABLE MOUNT



Round installation plate

DEEP ROOF LIGHTING LS-series High Mast Flood Light

160 LM/W



SLIM PRO

Module Rotatable LED Floodlights

LHM-LS(200-1200)-A(Color)-(Angle)-A1

LHM-LS(240-1440)-A(Color)-(Angle)-A1

400W 480W

For area lighting for applications:

Airport, golf course | Factories | Plants | Warehouse
Exhibition halls | gym | seaport | highway
high mast lighting and etc.





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 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



Each module of slim pro high mast lights series comes with 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.

DESIGN FOR HIGH VERSATILITY



50,000H



-30~45°C



IK10



IP65



High Efficiency



Energy Saving



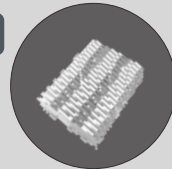
Long-life Span



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 $\pm 25^\circ$, Separate module can be mounted on the same robust bracket to offer the utmost flexibility.



Installation Versatility

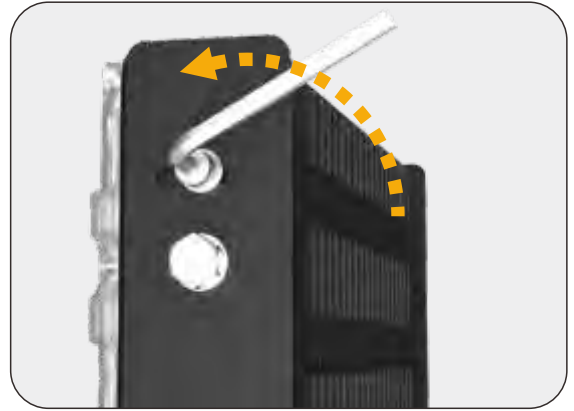
The fixing bracket is made of high-strength material and is bent at an angle of 45° to make the lamp body better installed.

Module Adjustment Installation

Module Rotatable LED Floodlights



Loosen the screw with M8 wrench



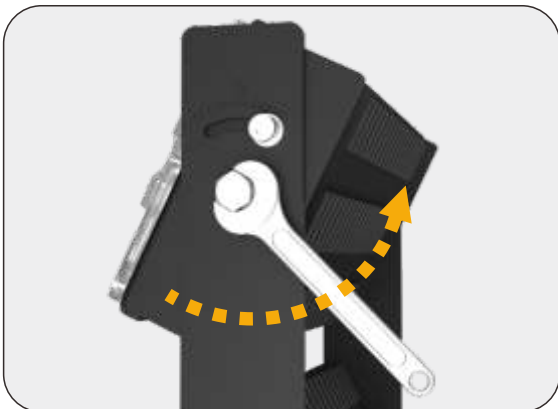
Loosen the screw with M6 hexagonal wrench



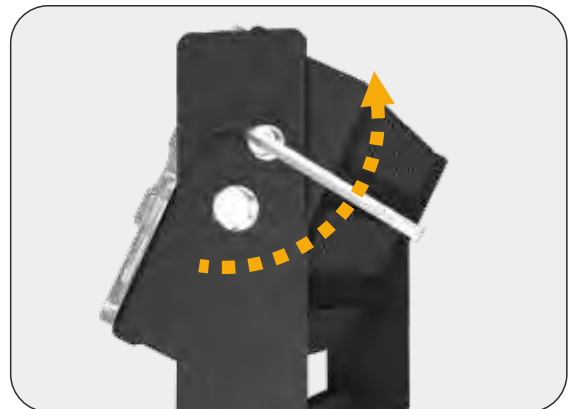
Forward Adjustment 25°



Backward Adjustment 25°



Lock the screw with M8 wrench



Lock the screw with M6 hexagonal wrench

SLIM PRO SERIES

Module Rotatable LED Floodlights



Features

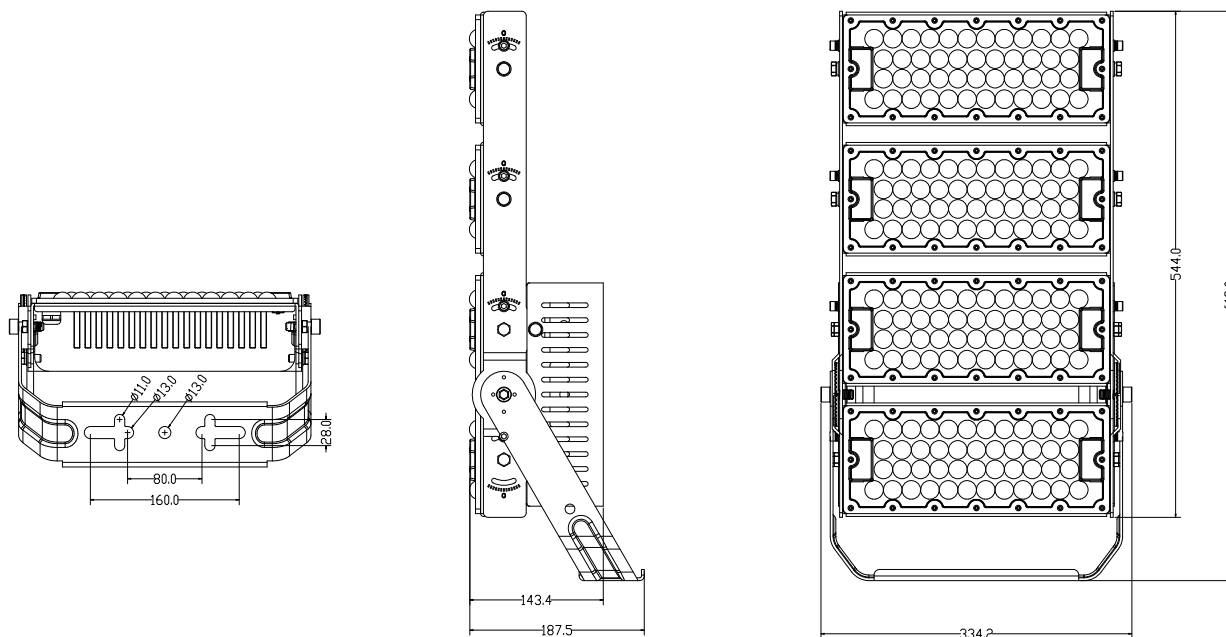
1. High luminaire efficiency up to 160lm/w
2. Marine grade aluminum housing
3. IP66 and IK10 protection rate
4. 5 years warranty
5. Folding aluminum fin design which are very light weight
6. ENEC ETL DLC TUV CE CB SAA RoHS REACH LM79 LM80 TM21 IK10 Salt Spray test approved.

5
Years
Warranty

50000 Hour
Long Service Life

Dimension

Unit:mm



SLIM PRO

Module Rotatable LED Floodlights

- Light Source: Luminileds 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
- Module Rotatable: $\pm 25^\circ$
- Size: 597x362x132mm
- Weight: 10Kg
- 5 years warranty



Black Grey



100-277V



347-480V



Dimmable



50,000H



Adjust



Module Rotatable



-40~45°C



IK10



IP66

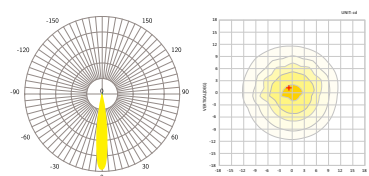


Folding Aluminum Fin

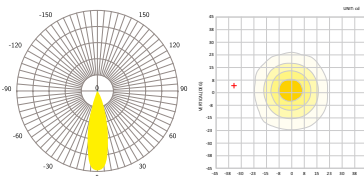
Specifications

Part Number	LHM-LS400-A)--A1	LHM-LS480-A)--A1
Watt	400W	480W
Efficiency	160LM/W $\pm 3\%$	155LM/W $\pm 3\%$
Dimensions	334.2 X 187.5 X 612mm	334.2 X 187.5 X 612mm
Lumen	64,000Lm	74,400Lm
Driver(Optional #1)	Meanwell Driver 2pcs XLG-240-H-A or ELG-240-48A	Meanwell Driver 2pcs XLG-240-H-A or ELG-240-48A
Driver(Optional #2)	SOSEN Driver 2pcs SS-200VA-56	SOSEN Driver 2pcs SS-240VA-56

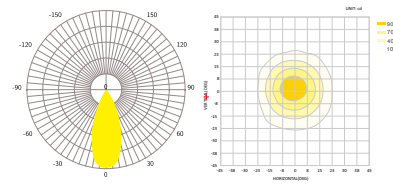
Beam Angle



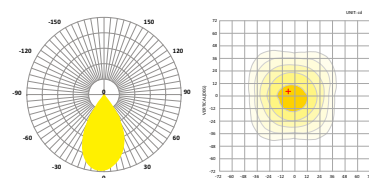
10°



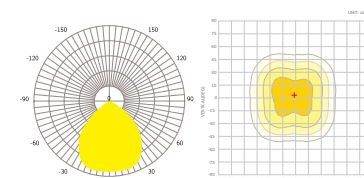
20°



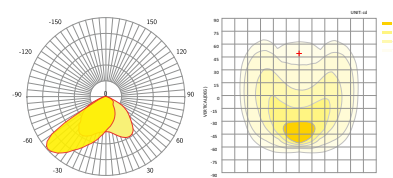
40°



60°

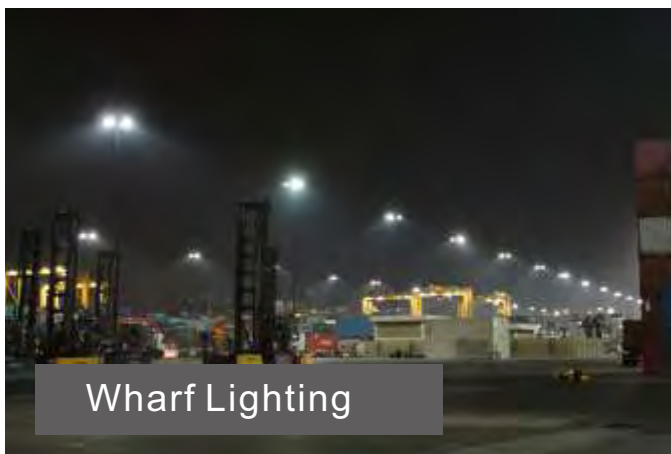


90°

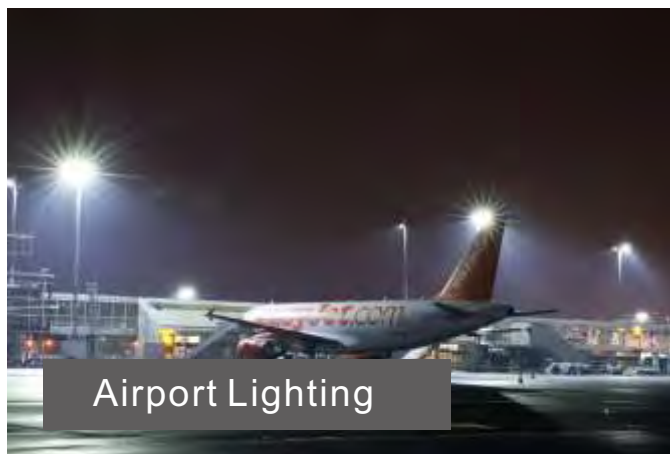


P50(135*60°)

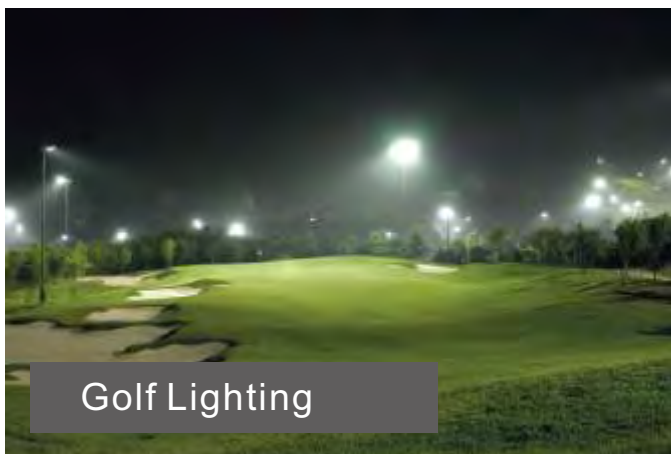
Application



Wharf Lighting



Airport Lighting



Golf Lighting



Stadium Lighting

For area lighting for interior and exterior applications:

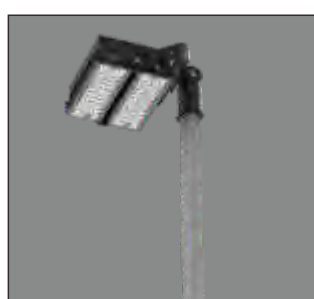
airport, golf course, factories, plants, warehouse, exhibition halls, gym, seaport, highway, high mast lighting and etc.



Wall Installation



Ground Installation

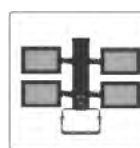
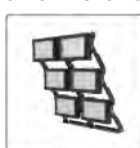


Round Pole Installation



Pole Installation

Package details



Wattage	Size of Box	Weight	Box Quantity
400W	68*47*23cm	11.5Kg	1PC
480W	68*47*23cm	11.5Kg	1PC