

# LED FLOOD LIGHT

Special lighting for wharves, stadiums, squares  
and other large places.

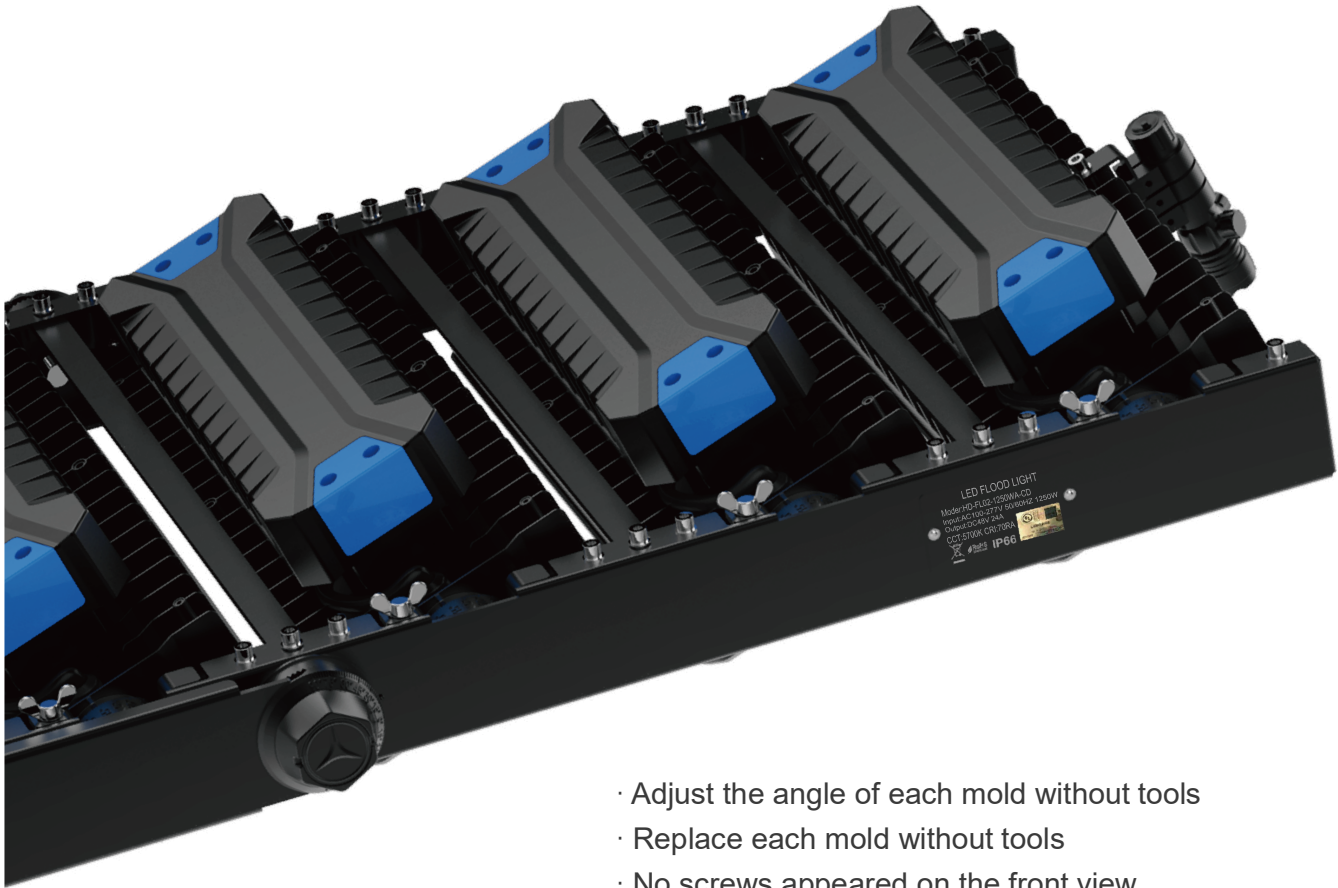
250W-1250W

IP66



# LED FLOOD LIGHT

250W-1250W



- Adjust the angle of each mold without tools
- Replace each mold without tools
- No screws appeared on the front view
- High end industrial design brings a more dramatic impact

## Wattage



250w



500w



750w



1000w



1250w

# LED FLOOD LIGHT

## 250W

250W up to 32500LM

## Specifications

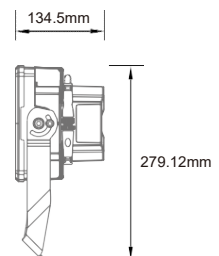
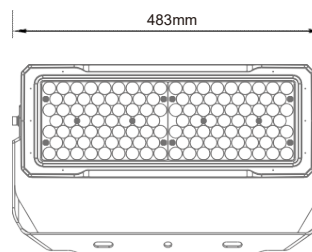
### Optical Data

|                   |                                   |
|-------------------|-----------------------------------|
| Wattage           | 250W                              |
| LED Type          | Lumileds/Samsung                  |
| Efficiency        | 130LM/W                           |
| Luminous Flux     | 32500LM                           |
| CCT               | 3000K/4000K/5000K/5700K/<br>6500K |
| Beam Angle        | 10°/30°/60°/120°                  |
| CRI               | >70Ra                             |
| System Efficiency | >90%                              |



### Electrical Data

|                           |                       |
|---------------------------|-----------------------|
| Power Supply              | Meanwell driver       |
| Input Voltage             | AC100-277V/AC240-480V |
| Power Frequency           | 50/60Hz               |
| Output Voltage            | DC48V                 |
| Power Efficiency          | 92%                   |
| Power Factor              | 0.95                  |
| Total Harmonic Distortion | <15%                  |



### Others

|                        |                   |
|------------------------|-------------------|
| IP Rating              | IP66              |
| Lifetime(L70 Standard) | 50,000 hours      |
| Heat Radiator          | Die-cast aluminum |
| Lens Material          | PC                |
| Carton Dimensions      | 543*358*190mm     |
| Gross Weight           | 8kg               |
| Fixture Dimension      | 483*279*134.5mm   |



# LED FLOOD LIGHT

## 500W

500W up to 65000LM

### Specifications

#### Optical Data

|                   |                                   |
|-------------------|-----------------------------------|
| Wattage           | 500W                              |
| LED Type          | Lumileds/Samsung                  |
| Efficiency        | 130LM/W                           |
| Luminous Flux     | 65000LM                           |
| CCT               | 3000K/4000K/5000K/5700K/<br>6500K |
| Beam Angle        | 10°/30°/60°/120°                  |
| CRI               | >70Ra                             |
| System Efficiency | >90%                              |

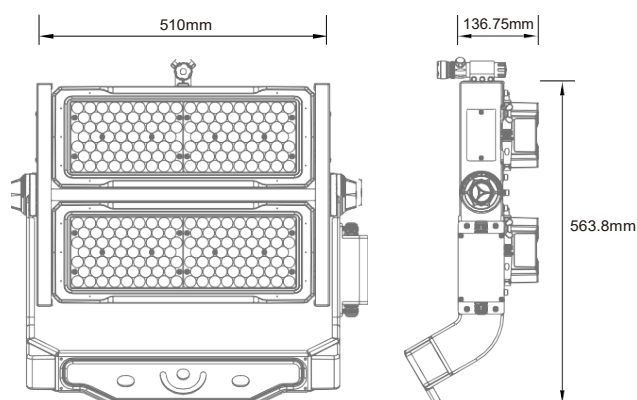


#### Electrical Data

|                           |                       |
|---------------------------|-----------------------|
| Power Supply              | Meanwell driver       |
| Input Voltage             | AC100-277V/AC240-480V |
| Power Frequency           | 50/60Hz               |
| Output Voltage            | DC48V                 |
| Power Efficiency          | 92%                   |
| Power Factor              | 0.95                  |
| Total Harmonic Distortion | <15%                  |

#### Others

|                        |                    |
|------------------------|--------------------|
| IP Rating              | IP66               |
| Lifetime(L70 Standard) | 50,000 hours       |
| Heat Radiator          | Die-cast aluminum  |
| Lens Material          | PC                 |
| Carton Dimensions      | 645*640*210mm      |
| Gross Weight           | 20.5kg             |
| Fixture Dimension      | 563.8*510*136.75mm |





# LED FLOOD LIGHT

## 750W

750W up to 97,500LM

## Specifications

### Optical Data

|                   |                                   |
|-------------------|-----------------------------------|
| Wattage           | 750W                              |
| LED Type          | Lumileds/Samsung                  |
| Efficiency        | 130LM/W                           |
| Luminous Flux     | 97500LM                           |
| CCT               | 3000K/4000K/5000K/5700K/<br>6500K |
| Beam Angle        | 10°/30°/60°/120°                  |
| CRI               | >70Ra                             |
| System Efficiency | >90%                              |

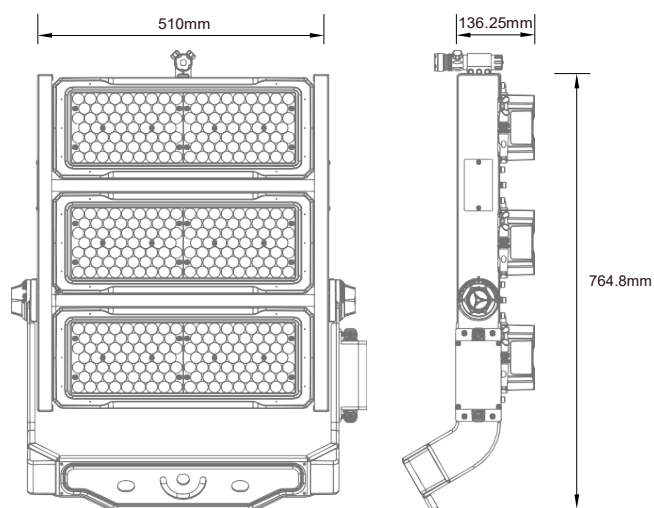


### Electrical Data

|                           |                       |
|---------------------------|-----------------------|
| Power Supply              | Meanwell driver       |
| Input Voltage             | AC100-277V/AC240-480V |
| Power Frequency           | 50/60Hz               |
| Output Voltage            | DC48V                 |
| Power Efficiency          | 92%                   |
| Power Factor              | 0.95                  |
| Total Harmonic Distortion | <15%                  |

### Others

|                        |                    |
|------------------------|--------------------|
| IP Rating              | IP66               |
| Lifetime(L70 Standard) | 50,000 hours       |
| Heat Radiator          | Die-cast aluminum  |
| Lens Material          | PC                 |
| Carton Dimensions      | 835*635*210mm      |
| Gross Weight           | 26.5kg             |
| Fixture Dimension      | 764.8*510*136.25mm |



# LED FLOOD LIGHT

## 1000W

1000W up to 130,000LM

## Specifications

### Optical Data

|                   |                                   |
|-------------------|-----------------------------------|
| Wattage           | 1000W                             |
| LED Type          | Lumileds/Samsung                  |
| Efficiency        | 130LM/W                           |
| Luminous Flux     | 130,000LM                         |
| CCT               | 3000K/4000K/5000K/5700K/<br>6500K |
| Beam Angle        | 10°/30°/60°/120°                  |
| CRI               | >70Ra                             |
| System Efficiency | >90%                              |

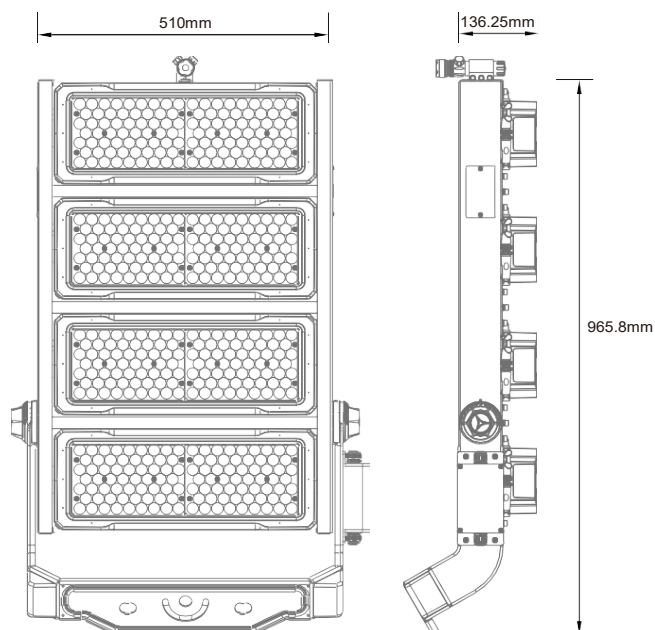


### Electrical Data

|                           |                       |
|---------------------------|-----------------------|
| Power Supply              | Meanwell driver       |
| Input Voltage             | AC100-277V/AC240-480V |
| Power Frequency           | 50/60Hz               |
| Output Voltage            | DC48V                 |
| Power Efficiency          | 92%                   |
| Power Factor              | 0.95                  |
| Total Harmonic Distortion | <15%                  |

### Others

|                        |                    |
|------------------------|--------------------|
| IP Rating              | IP66               |
| Lifetime(L70 Standard) | 50,000 hours       |
| Heat Radiator          | Die-cast aluminum  |
| Lens Material          | PC                 |
| Carton Dimensions      | 1035*635*210mm     |
| Gross Weight           | 30.8kg             |
| Fixture Dimension      | 965.8*510*136.25mm |



# LED FLOOD LIGHT

## 1250W

1250W up to 162500LM

## Specifications

### Optical Data

|                   |                                   |
|-------------------|-----------------------------------|
| Wattage           | 1250W                             |
| LED Type          | Lumileds/Samsung                  |
| Efficiency        | 130LM/W                           |
| Luminous Flux     | 162500LM                          |
| CCT               | 3000K/4000K/5000K/5700K/<br>6500K |
| Beam Angle        | 10°/30°/60°/120°                  |
| CRI               | >70Ra                             |
| System Efficiency | >90%                              |

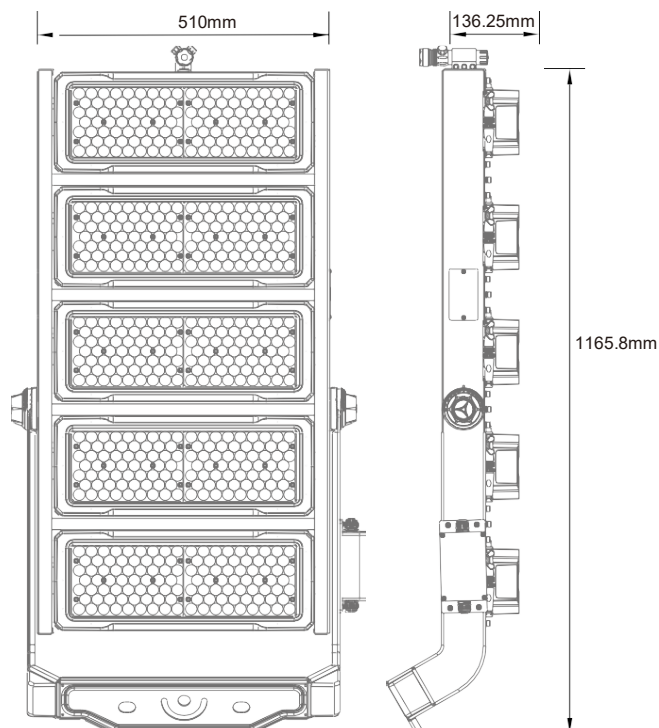


### Electrical Data

|                           |                       |
|---------------------------|-----------------------|
| Power Supply              | Meanwell driver       |
| Input Voltage             | AC100-277V/AC240-480V |
| Power Frequency           | 50/60Hz               |
| Output Voltage            | DC48V                 |
| Power Efficiency          | 92%                   |
| Power Factor              | 0.95                  |
| Total Harmonic Distortion | <15%                  |

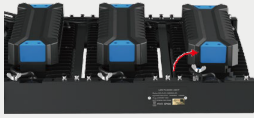
### Others

|                        |                     |
|------------------------|---------------------|
| IP Rating              | IP66                |
| Lifetime(L70 Standard) | 50,000 hours        |
| Heat Radiator          | Die-cast aluminum   |
| Lens Material          | PC                  |
| Carton Dimensions      | 1220*640*235mm      |
| Gross Weight           | 39.8kg              |
| Fixture Dimension      | 1165.8*510*136.25mm |





## Rotation



Screw off the wing nuts to the horizon of rear of light.

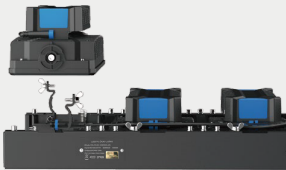


Rotational angle of single light  $\pm 30^\circ$ .

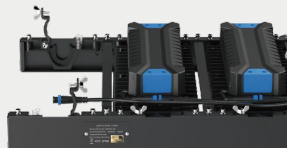


Revolving the arrow to the horizontal of bracket, slideable gear.

## Replace the light



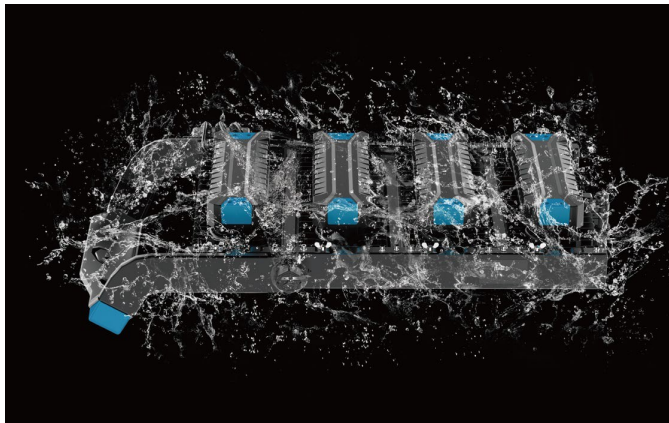
Screw off the wing nuts and revolve it to  $90^\circ$ .



Fetch out the defective lights.



Put the lights to the clip, screw down the wing nuts to  $90^\circ$  angle. Insert the waterproof connector to the socket, light up the light.



Waterproofing grade IP66

# Photometric Diagrams

| 10deg | 30deg | 60deg | 120deg |
|-------|-------|-------|--------|
|-------|-------|-------|--------|

## Installation

Multiple installation available

### Trunion Mount Kit



### Knuckle Mount Slip Fitter Kit

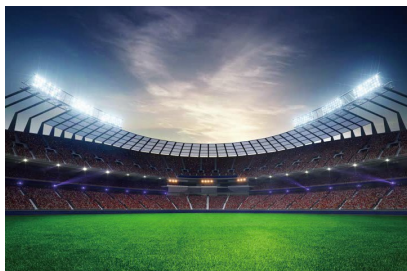


### Lumosa Tiny



|                                                                                                           |                                                                                     |                                                                                                                                                                                                              |                                                                                                                                      |                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. x</b><br><p>Get the Light, makes the junction box straight towards the 4 screws of the bracket.</p> | <b>2. x</b><br><p>Fixed the junction box fixed with trunion bracket at tightly.</p> | <b>3. x</b><br><p>Tapping holes, under the instruction of dimension figure.</p>                                                                                                                              | <b>4. x</b><br><p>Unscrew the nuts by allen wrench, rotates the bracket to appropriate place and screw down the light reversely.</p> | <b>5. x</b><br><p>Unscrew the wing nuts, rotates it to the rightful angle you want under the help of dial gauge, then screw down the light revers.</p> |
| <b>6. x</b><br><p>Wiring, energize it after the polarity and grounding wire were distinguished.</p>       | <b>7. x</b><br><p>Fix the light with the bracket, screw down the nuts.</p>          | <b>8. x</b><br><p>Before you replace the light, screw off the waterproof connector (male/female) and wing nuts, open the connecting arm to 50° angle.</p>                                                    | <b>180° Rotation Angle.</b>                                                                                                          |                                                                                                                                                        |
| <b>1. x</b><br><p>Take the stereo base out of the carton, fix it on the bracket.</p>                      | <b>2. x</b><br><p>With the help of drawing, tapping hole to fix the light.</p>      | <b>3. x</b><br><p>Wiring, energize the light after the polarity and grounding wire were distinguished. Adjust it to the appropriate angle you want (±30°). And, make sure the light installed perfectly.</p> | <b>30°</b>                                                                                                                           |                                                                                                                                                        |
| <b>1. x</b><br><p>Fix the Lumosa Tiny bracket to the pole.</p>                                            | <b>2. x</b><br><p>Screw down the light with the bracket, use M12 Screw.</p>         | <b>3. x</b><br><p>Use 6 screws to fix the bracket and pole well. Wiring, energize the light while the polarity and grounding wire has been distinguished.</p>                                                |                                                                                                                                      |                                                                                                                                                        |

## Applications



Sports Filed



Wharf/Harbor



Plaza

