LED Flood Light
Innovation Over Adaption
Flood Light Differentiation

LED Flood Light Manufactured to Beat the Common COB Flood Lights and Traditional HID Flood Lights.
125lm/W
Up to 30,000lm

Modularized Structure

We have designed 30W modules prefabricated which can easily be expanded from 60W up to 240W flood light. The combination of the red and black color has made it uniquely designed.

Multi Beam Angles

Unlike the common COB type LED flood lights with only one beam angle of 120°, LUMO LED Flood Light has multi beam angles, 30X70°, 60X90°, 40X130°, 90° and 120°. LUMO LED Flood Light is suitable for all kinds of applications with different height and spacing, the PC lens is ultra-high quality and transmittance, which can last longer than traditional lens and diffusers in hot areas.

Reliable Structure

All the structures of this Luminaire are anticorrosion with the highest performance. Screws are made of 304 stainless steel material and body has aluminum material that is strong against any physical tension.

10KV SPD Appliance

A 10KV surge protector has been included in this light to protect the flood light from voltage spikes by blocking unwanted voltages above a safe threshold.
Various beam angles suitable for different applications

30° X 70°  60° X 90°  40° X 130°  90°  120°
LED Flood Light

Dialux Simulation

Specifications

- High performance Luminaire using Nichia LED Chip
- Luminous flux up to 30,000 lm (240W)
- Efficacy up to 125 lm/W
- Wide range of input voltage: 100-277V Ac, 50/60Hz
- LED Lifespan > 50,000 hours (Ta=30°C @ L70)
- Energy saving up to 90%
- CCT: 5000K (4000K & 3000K available upon order)
- CRI > 80
- Beam angle: 30°x70°, 60°x90°, 40°x130, 90°, 120° optional
- IK10 with PC lens
- Built-in SPD, 10kV surge protection
- Superior lighting distribution uniformity
- Superior temperature stability
- Passed all the high temperature tests
- Meanwell driver
- Operating temp: -30→+60°C
- Body: Die Casting Aluminum
- 155° adjustable
- Stainless steel screws
- IP65 protection rating
- 7 years warranty

ISO9001: 2008

All info here ONLY for reference, please confirm with our sales before order.
LED Flood Light Product Range

<table>
<thead>
<tr>
<th>Part Number</th>
<th>LU060SQ-FL01</th>
<th>LU090SQ-FL01</th>
<th>LU120SQ-FL01</th>
<th>LU180SQ-FL01</th>
<th>LU240SQ-FL01</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen Output</td>
<td>7,500lm</td>
<td>11,250lm</td>
<td>15,000lm</td>
<td>22,500lm</td>
<td>30,000lm</td>
</tr>
<tr>
<td>Wattage</td>
<td>60W</td>
<td>90W</td>
<td>120W</td>
<td>180W</td>
<td>240W</td>
</tr>
<tr>
<td>Luminous Efficacy</td>
<td>125lm/W</td>
<td>125lm/W</td>
<td>125lm/W</td>
<td>125lm/W</td>
<td>125lm/W</td>
</tr>
<tr>
<td>CCT</td>
<td>3000K, 4000K, 5000K</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CRI</td>
<td>&gt;Ra70, &gt;Ra80</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beam Angle</td>
<td>30°x70°, 60°x90°, 40°x130°, 90°, 120°</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input Voltage</td>
<td>100-240Vac/100-277Vac 50-60Hz PF ≥ 0.93</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED Driver</td>
<td>Meanwell</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HID Equivalent</td>
<td>240W</td>
<td>250W-400W</td>
<td>400W-600W</td>
<td>650W</td>
<td>750W</td>
</tr>
<tr>
<td>Certification</td>
<td>CE, CB, SAA, RoHS, LM79, ISTM T, LCP, TM21</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Control Options

- Motion Sensor
- 1-10V Dimming Control

Photometric Diagrams

Mounting Options

1. Maximum mounting height: 30m
2. Adjust direction of the light and then fix the screw
3. 14°