

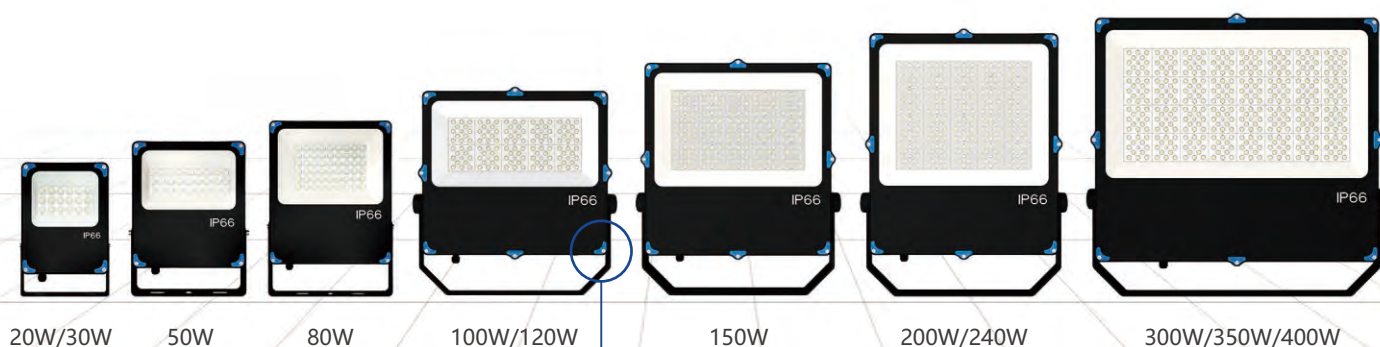
# FL-D Series

Industrial LED Flood Light



## DESCRIPTION

**Our** LED flood light series is one of the best options for efficiency, coupled with high performance. The well-functioned LED flood light enhances visibility and safety at nighttime, and instantly brightens up parking lots, sport courts, warehouses, as well as large billboards, etc. **Our** LED flood light has been third-party tested for top quality and attains related certifications. The flood light fixture will be your integrated lighting solution in every single industrial field.



Screw-fixed Snap-fit

Screw-free Fixed Snap-fit



## FEATURES

- Die-casting aluminum housing, compact and robust design.
- Professional fin-shape heat sink design for excellent cooling performance.
- Low wattage with high efficacy of up to 130 lm/W or 160 lm/W can greatly help reduce energy consumption and save electricity costs.
- Full range power from 20W to 400W is offered to meet customer's different illumination levels in different projects.

# LED FLOOD LIGHT D1

FL-D120W/30W UXYZ



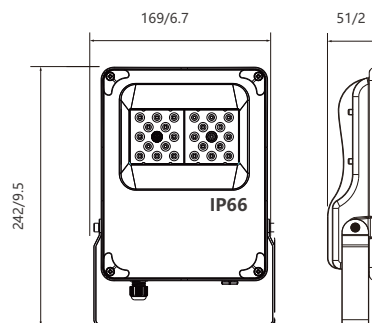
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



### Specification

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Input Voltage           | AC100-277V                                      |
| Power Consumption(±10%) | 20W/30W                                         |
| Intelligent Control     | DALI/DMX512                                     |
| LED Chip                | 2835/5050                                       |
| Efficiency(±5%)         | 130 lm/W; 160 lm/W                              |
| CCT                     | 3000K/4000K/5000K/6000K                         |
| CRI                     | 70/80                                           |
| Beam Angle              | 30°/45°/60°/90°/120°/T30x90°/T3VS/T2VS          |
| IP Rating               | IP66                                            |
| IK Rating               | IK08                                            |
| Working Temperature     | -40°C(-40°F) - +50°C(122°F)                     |
| Lifespan                | 50,000 Hours                                    |
| Warranty                | 5 Years                                         |
| Housing Material        | Die-casting aluminum housing and PC lens        |
| Net Weight              | 1.2kg(2.7lbs)                                   |
| Gross Weight            | 1.5kg(3.3lbs)                                   |
| Product Dimension       | 242x169x51mm(9.5x6.7x2.0inch)                   |
| Packing Size            | 510x365x315mm(20.1x14.4x12.4inch)(20pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D2

FL-D250W UXYZ



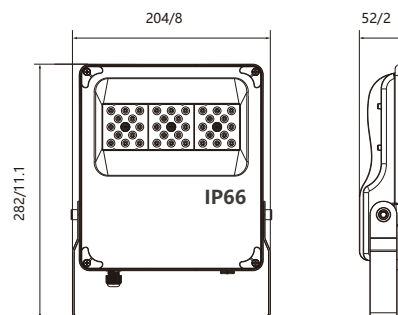
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



### Specification

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Input Voltage           | AC100-277V                                      |
| Power Consumption(±10%) | 50W                                             |
| Intelligent Control     | DALI/DMX512                                     |
| LED Chip                | 2835/5050                                       |
| Efficiency(±5%)         | 130 lm/W; 160 lm/W                              |
| CCT                     | 3000K/4000K/5000K/6000K                         |
| CRI                     | 70/80                                           |
| Beam Angle              | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS           |
| IP Rating               | IP66                                            |
| IK Rating               | IK08                                            |
| Working Temperature     | -40°C(-40°F) - +50°C(122°F)                     |
| Lifespan                | 50,000 Hours                                    |
| Warranty                | 5 Years                                         |
| Housing Material        | Die-casting aluminum housing and PC lens        |
| Net Weight              | 2.0kg(4.4lbs)                                   |
| Gross Weight            | 2.3kg(5.1lbs)                                   |
| Product Dimension       | 282x204x52mm(11.1x8.0x2.1inch)                  |
| Packing Size            | 465x305x315mm(18.3x12.0x12.4inch)(10pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D3

FL-D380W UXYZ



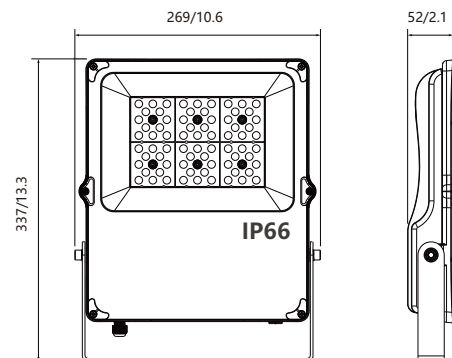
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



### Specification

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Input Voltage           | AC100-277V                                      |
| Power Consumption(±10%) | 80W                                             |
| Intelligent Control     | DALI/DMX512                                     |
| LED Chip                | 2835/5050                                       |
| Efficiency(±5%)         | 130 lm/W; 160 lm/W                              |
| CCT                     | 3000K/4000K/5000K/6000K                         |
| CRI                     | 70/80                                           |
| Beam Angle              | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS           |
| IP Rating               | IP66                                            |
| IK Rating               | IK08                                            |
| Working Temperature     | -40°C(-40°F) - +50°C(122°F)                     |
| Lifespan                | 50,000 Hours                                    |
| Warranty                | 5 Years                                         |
| Housing Material        | Die-casting aluminum housing and PC lens        |
| Net Weight              | 2.7kg(6.0lbs)                                   |
| Gross Weight            | 3.0kg(6.6lbs)                                   |
| Product Dimension       | 269x337x52mm(10.6x13.3x2.1inch)                 |
| Packing Size            | 588x360x315mm(23.1x14.2x12.4inch)(10pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D4

FL-D4100W/120W UXYZ



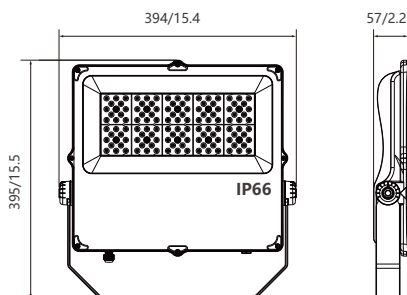
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



### Specification

|                        |                                               |
|------------------------|-----------------------------------------------|
| Input Voltage          | AC100-277V                                    |
| Power Consumption(10%) | 100W/120W                                     |
| Intelligent Control    | DALI/DMX512                                   |
| LED Chip               | 2835/5050                                     |
| Efficiency(±5%)        | 130 lm/W; 160 lm/W                            |
| CCT                    | 3000K/4000K/5000K/6000K                       |
| CRI                    | 70/80                                         |
| Beam Angle             | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS         |
| IP Rating              | IP66                                          |
| IK Rating              | IK08                                          |
| Working Temperature    | -40°C(-40°F) - +50°C(122°F)                   |
| Lifespan               | 50,000 Hours                                  |
| Warranty               | 5 Years                                       |
| Housing Material       | Die-casting aluminum housing and PC lens      |
| Net Weight             | 4.7kg(10.3lbs)                                |
| Gross Weight           | 5.1kg(11.2lbs)                                |
| Product Dimension      | 394x395x57mm(15.4x15.5x2.2inch)               |
| Packing Size           | 440x420x115mm(17.3x16.5x4.5inch)(1pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D5

FL-D5150W UXYZ



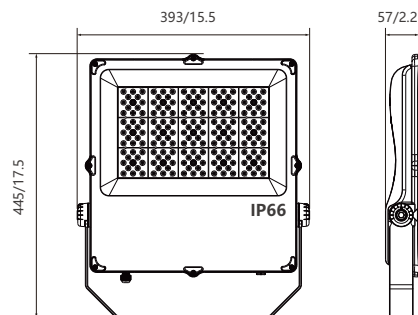
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



### Specification

|                        |                                               |
|------------------------|-----------------------------------------------|
| Input Voltage          | AC100-277V                                    |
| Power Consumption(10%) | 150W                                          |
| Intelligent Control    | DALI/DMX512                                   |
| LED Chip               | 2835/5050                                     |
| Efficiency(±5%)        | 130 lm/W; 160 lm/W                            |
| CCT                    | 3000K/4000K/5000K/6000K                       |
| CRI                    | 70/80                                         |
| Beam Angle             | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS         |
| IP Rating              | IP66                                          |
| IK Rating              | IK08                                          |
| Working Temperature    | -40°C(-40°F) - +50°C(122°F)                   |
| Lifespan               | 50,000 Hours                                  |
| Warranty               | 5 Years                                       |
| Housing Material       | Die-casting aluminum housing and PC lens      |
| Net Weight             | 5.4kg(11.9lbs)                                |
| Gross Weight           | 6.0kg(13.2lbs)                                |
| Product Dimension      | 393x445x57mm(15.5x17.5x2.2inch)               |
| Packing Size           | 490x420x115mm(19.3x16.5x4.5inch)(1pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D6

FL-D6200W/240W UXYZ



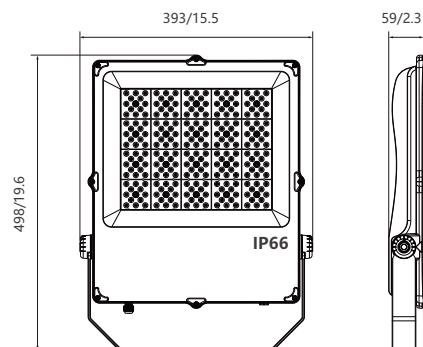
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



## Specification

|                        |                                               |
|------------------------|-----------------------------------------------|
| Input Voltage          | AC100-277V                                    |
| Power Consumption(10%) | 200W/240W                                     |
| Intelligent Control    | DALI/DMX512                                   |
| LED Chip               | 2835/5050                                     |
| Efficiency(±5%)        | 130 lm/W; 160 lm/W                            |
| CCT                    | 3000K/4000K/5000K/6000K                       |
| CRI                    | 70/80                                         |
| Beam Angle             | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS         |
| IP Rating              | IP66                                          |
| IK Rating              | IK08                                          |
| Working Temperature    | -40°C(-40°F) - +50°C(122°F)                   |
| Lifespan               | 50,000 Hours                                  |
| Warranty               | 5 Years                                       |
| Housing Material       | Die-casting aluminum housing and PC lens      |
| Net Weight             | 6.5kg(14.2lbs)                                |
| Gross Weight           | 6.9kg(15.2lbs)                                |
| Product Dimension      | 393x498x59mm(15.5x19.6x2.3inch)               |
| Packing Size           | 540x420x115mm(21.3x16.5x4.5inch)(1pcs/Carton) |



Unit:mm/inch

# LED FLOOD LIGHT D7

FL-D7300W/350W/400W UXYZ



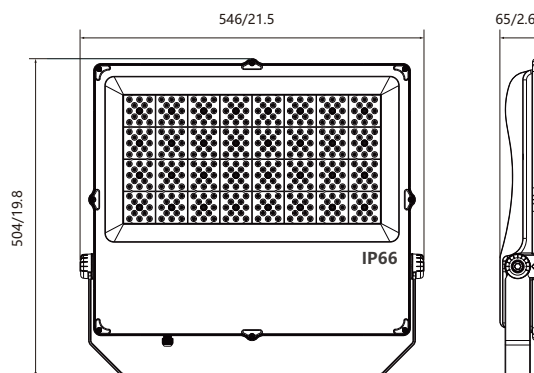
## APPLICATION AREAS

Outdoor/Parking Lots/Walkways/Building Areas



## Specification

|                        |                                               |
|------------------------|-----------------------------------------------|
| Input Voltage          | AC100-277V                                    |
| Power Consumption(10%) | 300W/350W/400W                                |
| Intelligent Control    | DALI/DMX512                                   |
| LED Chip               | 2835/5050                                     |
| Efficiency(±5%)        | 130 lm/W; 160 lm/W                            |
| CCT                    | 3000K/4000K/5000K/6000K                       |
| CRI                    | 70/80                                         |
| Beam Angle             | 30°/45°/60°/90°/120°/T30x90/T3VS/T2VS         |
| IP Rating              | IP66                                          |
| IK Rating              | IK08                                          |
| Working Temperature    | -40°C(-40°F) - +50°C(122°F)                   |
| Lifespan               | 50,000 Hours                                  |
| Warranty               | 5 Years                                       |
| Housing Material       | Die-casting aluminum housing and PC lens      |
| Net Weight             | 9.8kg(21.5lbs)                                |
| Gross Weight           | 10.2kg(22.5lbs)                               |
| Product Dimension      | 546x504x65mm(21.5x19.8x2.6inch)               |
| Packing Size           | 580x550x115mm(22.8x21.7x4.5inch)(1pcs/Carton) |



Unit:mm/inch

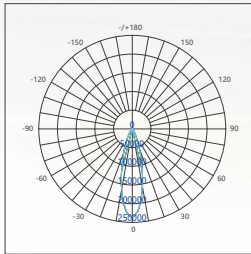
## ORDERING INFORMATION

| FL          | D                                   | xxxW                                                                        | U                    | X                                      | Y                                                         | Z                                                                      |
|-------------|-------------------------------------|-----------------------------------------------------------------------------|----------------------|----------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|
| Flood Light | D Series<br>D1/D2/D3/D4<br>D5/D6/D7 | Wattage<br>20W/30W/50W<br>80W/100W/120W<br>150W/200W/240W<br>300W/350W/400W | Color<br>Temperature | X=N<br>non-dimmable<br>X=D<br>dimmable | Beam Angle<br>30°/45°/60°/90°<br>120°/T30x90<br>T3VS/T2VS | Z=N<br>Without Sensor<br>Z=G<br>With Sensor<br>Z=P<br>Photocell Sensor |

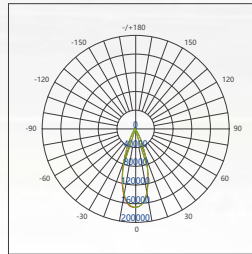
## PHOTOMETRIC DIAGRAMS

Specialized anti glare optical lens to deliver symmetric and asymmetrical lighting solution

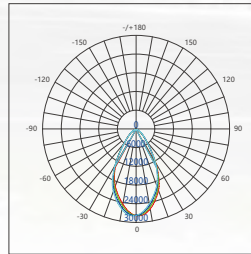
30°/45°/60°/90°/120°/T30x90/T3VS/T2VS



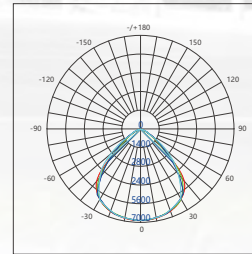
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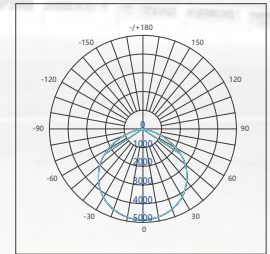
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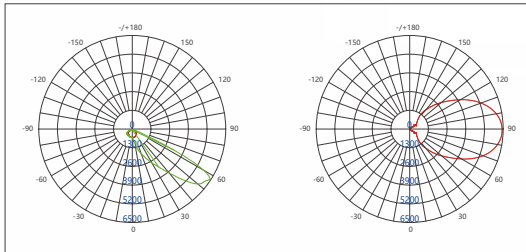
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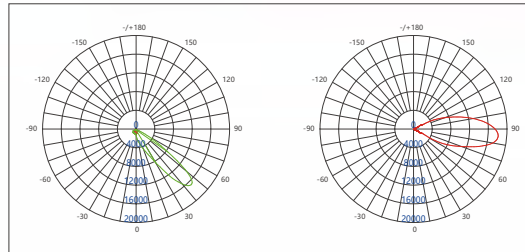
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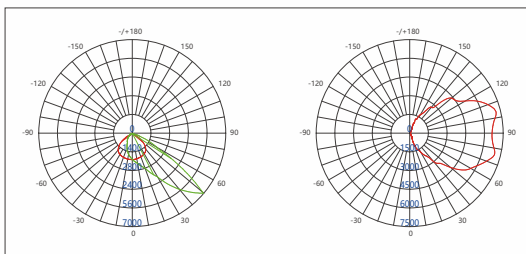
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