

## Ultra-slim Flood Light

FL-010/20/30/50-AW-S

FL-050/70/100-AW-S



### Description:

This flood light series saves up to 50% in energy costs when compared to a high intensity discharge lamp, and it also reduces maintenance costs and carbon emission. The flood light is combined with LED cutting-edge technology and has a unique optical design equal to HID lighting sources.

### Features:

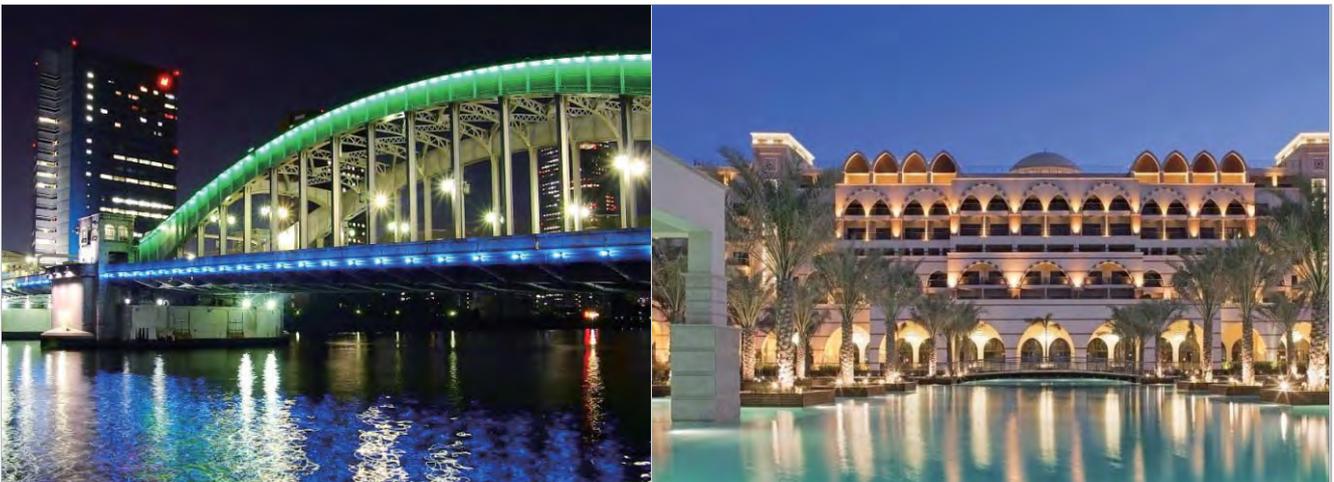
1. Waterproof design, and easy to assemble
2. Die-casting aluminum alloy lamp body, high toughened glass cover; solid and durable; corrosion-proof
3. High efficiency thermal management, LEDs and power supply work in low temperature, and high stability of continuous operating.
4. Instant on/off, no flicker and glare; high CRI
5. Compact appearance, easy to install and transport.

## Technical parameters:

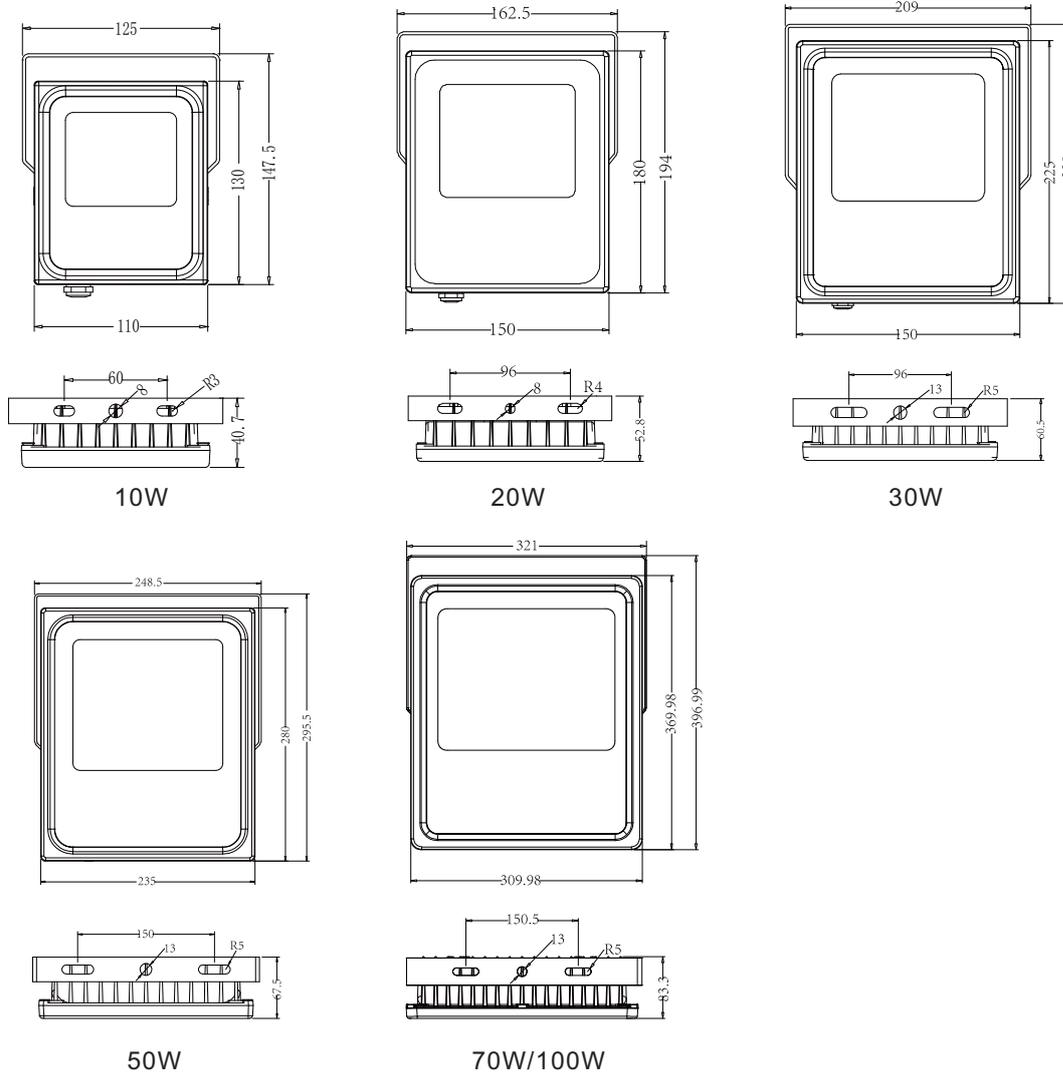
| Model          | CCT   | Color         | Lumen(lm)<br>(±10%) | LED Type              | LED Qty. | Power(w)<br>(±10%) | Voltage,<br>Frequency | Beam<br>(angle°) | CRI  | PF   |
|----------------|-------|---------------|---------------------|-----------------------|----------|--------------------|-----------------------|------------------|------|------|
| FL-010-AW-W-S  | 5000K | White         | 920                 | COB                   | 1pcs     | 10                 | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-010-AW-NW-S | 4000K | Neutral White | 910                 |                       |          |                    |                       |                  |      |      |
| FL-010-AW-WW-S | 3000K | Warm White    | 900                 |                       |          |                    |                       |                  |      |      |
| FL-020-AW-W-S  | 5000K | White         | 1850                | COB                   | 1pcs     | 20                 | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-020-AW-NW-S | 4000K | Neutral White | 1840                |                       |          |                    |                       |                  |      |      |
| FL-020-AW-WW-S | 3000K | Warm White    | 1800                |                       |          |                    |                       |                  |      |      |
| FL-030-AW-W-S  | 5000K | White         | 2780                | COB                   | 1pcs     | 30                 | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-030-AW-NW-S | 4000K | Neutral White | 2740                |                       |          |                    |                       |                  |      |      |
| FL-030-AW-WW-S | 3000K | Warm White    | 2710                |                       |          |                    |                       |                  |      |      |
| FL-050-AW-W-S  | 5000K | White         | 4650                | COB                   | 1pcs     | 50                 | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-050-AW-NW-S | 4000K | Neutral White | 4620                |                       |          |                    |                       |                  |      |      |
| FL-050-AW-WW-S | 3000K | Warm White    | 4550                |                       |          |                    |                       |                  |      |      |
| FL-070-AW-W-S  | 5000K | White         | 6790                | COB                   | 1pcs     | 70                 | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-070-AW-NW-S | 4000K | Neutral White | 6760                |                       |          |                    |                       |                  |      |      |
| FL-070-AW-WW-S | 3000K | Warm White    | 6660                |                       |          |                    |                       |                  |      |      |
| FL-100-AW-W-S  | 5000K | White         | 9640                | DLC Number: PLT/S1602 |          |                    | AC100-277V<br>50/60Hz | 120°             | > 70 | ≥0.9 |
| FL-100-AW-NW-S | 4000K | Neutral White | 9580                | COB                   | 2pcs     | 100                |                       |                  |      |      |
| FL-100-AW-WW-S | 3000K | Warm White    | 9500                |                       |          |                    |                       |                  |      |      |

## Application:

Mainly applied in outdoor flood lighting, building decoration, industry, sports centers, outdoor stadiums, ports, parking lots, and roads if there is a street light distribution system.

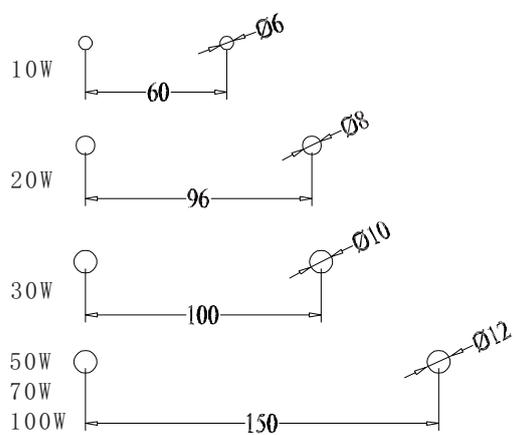


## Dimension (Unit:mm):

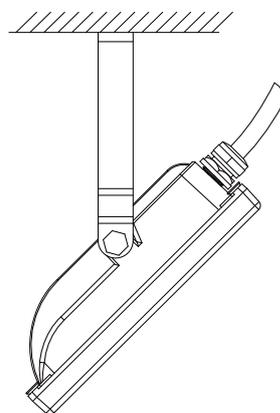


## Installation:

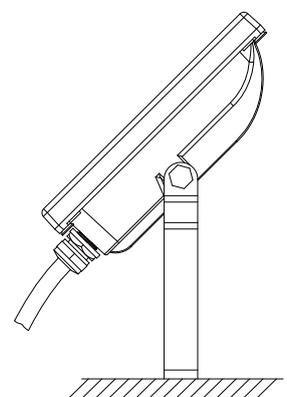
### 1.surface mounting



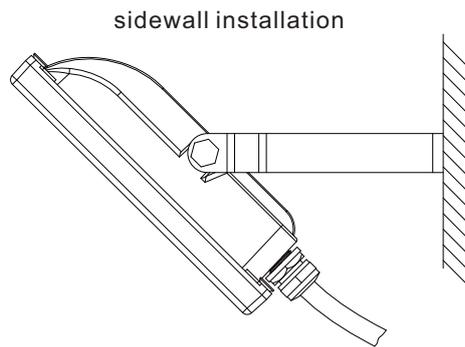
### ceiling installation



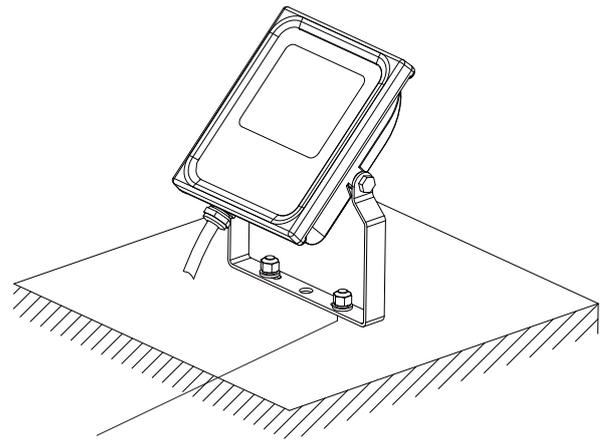
### Pedestal installation



Step 1: Drill holes on installation surface to install M6/M8/M10/M12 bolt



Step2: Install lamp on expansion bolts



Step3: Install flat gasket, spring washer and nut to fasten bracket and expansion bolts

## Packing information :

### 10W

Net weight: 0.70 KG

Gross weight 0.75KG

Packing box dimension: 137\*62\*195mm

Outer carton dimension:

565\*405\*205mm (24 pcs/carton)

Total weight:19.0KG

### 20W

Net weight: 1.1 KG

Gross weight 1.2KG

Packing box dimension: 173\*70\*218mm

Outer carton dimension:

535\*453\*230mm (18 pcs/carton)

Total weight:22.5KG

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**30W**

Net weight: 1.7 KG

Gross weight 1.8KG

Packing box dimension: 219\*78\*258mm

Outer carton dimension:

533\*455\*255mm (12 pcs/carton)

Total weight:22.7KG

**50W**

Net weight: 2.5 KG

Gross weight 2.7KG

Packing box dimension: 257\*87\*314mm

Outer carton dimension:

540\*275\*335mm (6 pcs/carton)

Total weight:17.3KG

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**70W**

Net weight: 4.2 KG

Gross weight 4.7KG

Packing box dimension: 340\*120\*420mm

Outer carton dimension:

500\*440\*360mm (4 pcs/carton)

Total weight:19.0KG

**100W**

Net weight: 4.5 KG

Gross weight 5.0KG

Packing box dimension: 340\*120\*420mm

Outer carton dimension:

500\*440\*360mm (4 pcs/carton)

Total weight:22.0KG

## Installation requirement:

- 1.Please prepare two sets of bolts to install the light;
- 2.Power off before installation;
- 3.Make sure the installed surface can endure the weight of light, and fix the light on the installed surface securely (according to installation diagram);
4. Connect light wire to power wire, seal the joint with insulation.

### Notice :

- 1.Please read the specification first, to make sure the service environment matches the conditions in the specification before using;
- 2.Please confirm input voltage, frequency before using;
3. The lamp must be installed by professionals;
4. The lamp can't be used if the power wire, housing are damaged;
5. The lamp can't be maintained by non-professionals;
- 6.If the exterior flexible cable or wire is damaged, it must be exchanged by the supplier, its agent or other relevant qualified personnel to avoid dangers;
- 7.Using environment: -20°C-35°C.