

# FL06 Flood Light Datasheet



## Key Features

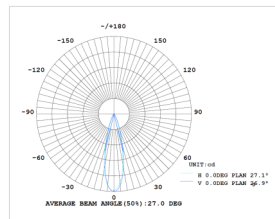
- ⇒ **Efficacy:** Up to 150 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 120° | Type II-M |  
Type III-M | asymmetric light
- ⇒ **Control:** DALI | DMX512 | 0-10V dimming
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

## Application

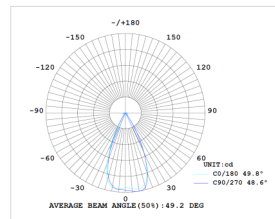
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

## Photometry

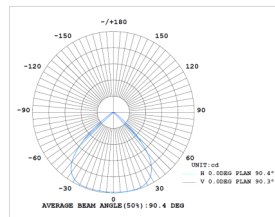
30°(PC lens)



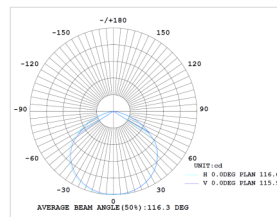
60°(PC lens)



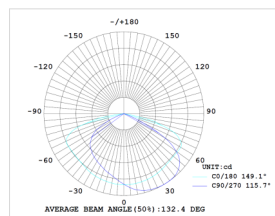
90°(PC lens)



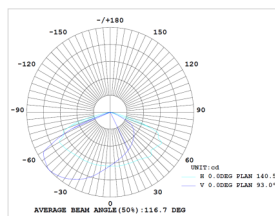
120° Glass Cover



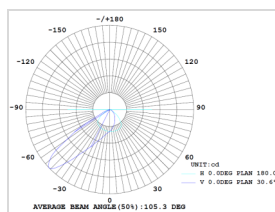
Type II-M (PC lens)



Type III-M (PC lens)



Asymmetric light (PC lens)



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## Product Data

| Model No.               | FL06-50                               | FL06-80   | FL06-100  | FL06-150  | FL06-200  | FL06-240  | FL06-300  | FL06-400  |
|-------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Power                   | 50W                                   | 80W       | 100W      | 150W      | 200W      | 240W      | 300W      | 400W      |
| Lumen Output            | 7,500 lm                              | 12,000 lm | 15,000 lm | 22,500 lm | 30,000 lm | 36,000 lm | 45,000 lm | 60,000 lm |
| Luminous Efficacy       | 150 lm/w                              |           |           |           |           |           |           |           |
| CCT                     | 3000K   4000K   5000K   5700K   6500K |           |           |           |           |           |           |           |
| CRI                     | Ra≥70 (Ra≥80 optional)                |           |           |           |           |           |           |           |
| Input Voltage           | 100-277 VAC; 50Hz   60Hz              |           |           |           |           |           |           |           |
| Housing Color           | Black                                 |           |           |           |           |           |           |           |
| Housing Material        | Aluminum, Glass, PC                   |           |           |           |           |           |           |           |
| Power Factor            | PF≥0.90                               |           |           |           |           |           |           |           |
| Efficiency In           | ≥90%                                  |           |           |           |           |           |           |           |
| Energy Efficiency Class | D                                     |           |           |           |           |           |           |           |
| IP Rating               | IP65                                  |           |           |           |           |           |           |           |
| Operating temperature   | -30°C to +50°C                        |           |           |           |           |           |           |           |
| Operating humidity      | 10% to 90% RH                         |           |           |           |           |           |           |           |
| Lifespan                | 100,000 hours                         |           |           |           |           |           |           |           |
| Warranty                | 5 years                               |           |           |           |           |           |           |           |

**Note: 1. The above parameters are all obtained at +25°C and there are errors within the allowable range of relevant standards.**  
**2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!**

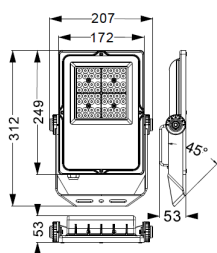
# FL06 Flood Light Datasheet

## Packaging

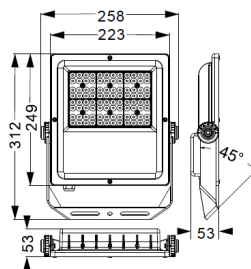
| Model No. | PCS/CTN | N.W        | G.W         | Volumetric Weight | Carton Size and Volume                        | 20GP(28m³) | 40HC/HQ(68m³) |
|-----------|---------|------------|-------------|-------------------|-----------------------------------------------|------------|---------------|
| FL06-50   | 10      | 1.8 kg/pcs | 21.0 kg/ctn | 10.5 kg           | L446xW337xH350 mm $\approx 0.053 \text{ m}^3$ | 528 CTNS   | 1,283 CTNS    |
| FL06-80   | 10      | 2.1 kg/pcs | 25.0 kg/ctn | 13.0 kg           | L548xW337xH350 mm $\approx 0.065 \text{ m}^3$ | 430 CTNS   | 1,046 CTNS    |
| FL06-100  | 1       | 2.7 kg     | 3.2 kg      | 2.3 kg            | L335xW336xH102 mm $\approx 0.011 \text{ m}^3$ | 2,545 CTNS | 6,181 CTNS    |
| FL06-150  | 1       | 3.4 kg     | 4.0 kg      | 2.8 kg            | L390xW355xH102 mm $\approx 0.014 \text{ m}^3$ | 2,000 CTNS | 4,857 CTNS    |
| FL06-200  | 1       | 3.8 kg     | 4.4 kg      | 3.2 kg            | L445xW355xH102 mm $\approx 0.016 \text{ m}^3$ | 1,750 CTNS | 4,250 CTNS    |
| FL06-240  | 1       | 4.0 kg     | 4.6 kg      | 3.2 kg            | L445xW355xH102 mm $\approx 0.016 \text{ m}^3$ | 1,750 CTNS | 4,250 CTNS    |
| FL06-300  | 1       | 5.8 kg     | 6.7 kg      | 4.5 kg            | L475xW465xH102 mm $\approx 0.023 \text{ m}^3$ | 1,217 CTNS | 2,956 CTNS    |
| FL06-400  | 1       | 8.2 kg     | 8.2 kg      | 5.7 kg            | L556xW480xH107 mm $\approx 0.029 \text{ m}^3$ | 965 CTNS   | 2,344 CTNS    |

**Remarks:** The weight of the above products is for reference only, and the weight of different configuration products will be different.

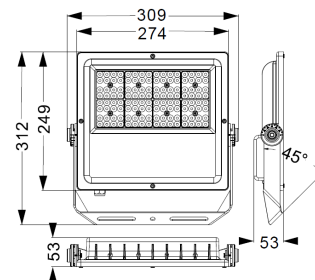
## Dimension (unit: mm)



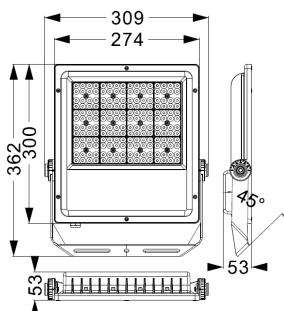
FL06-50



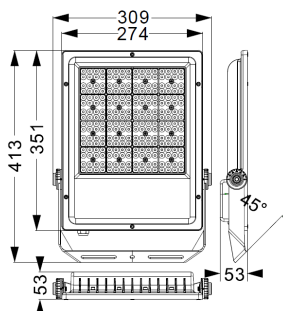
FL06-80



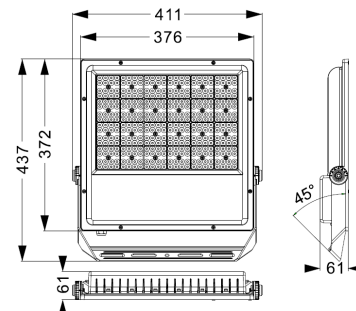
FL06-100



FL06-150



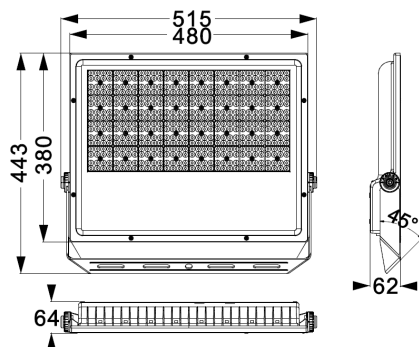
FL06-200|FL06-240



FL06-300

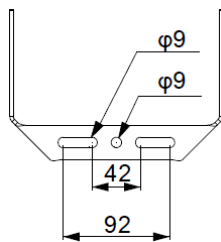
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## Dimension (unit: mm)

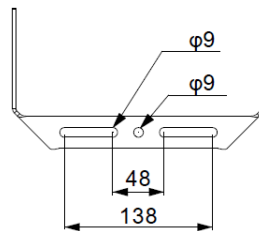


FL06-400

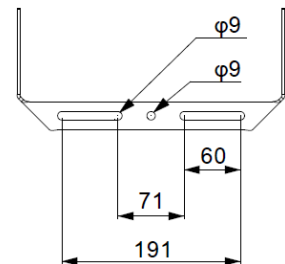
## Bracket Dimension (unit: mm)



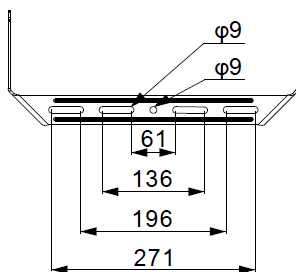
FL06-50



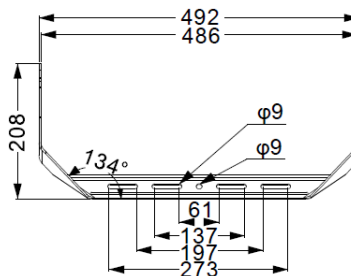
FL06-80



FL06-100 | FL06-150 |  
FL06-200 | FL06-240



FL06-300



FL06-400