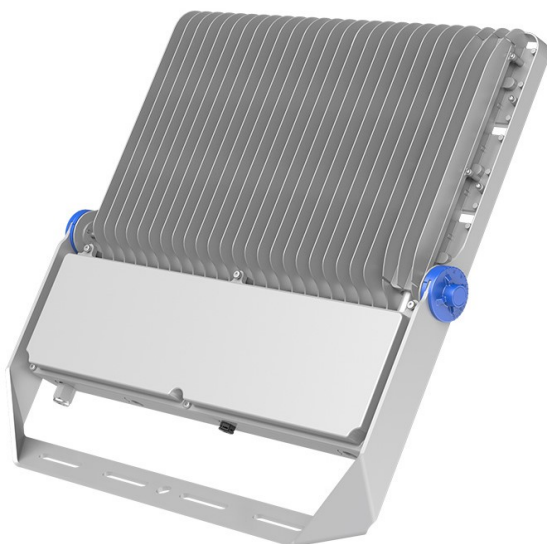
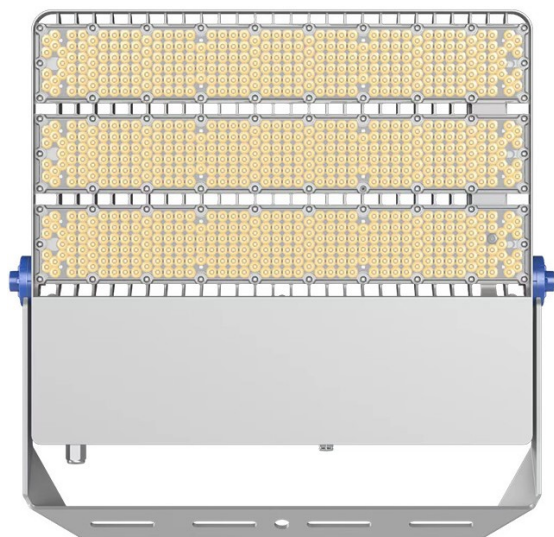
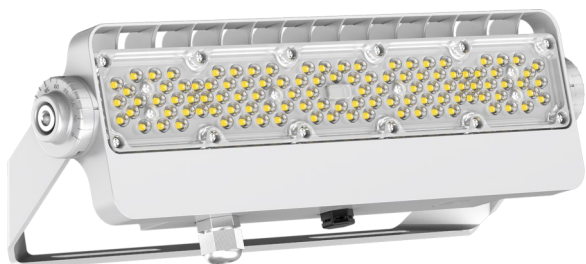


# FL2C Flood Light Datasheet



## Key Features

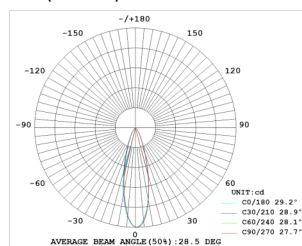
- ⇒ **Efficacy:** 170 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 30°x90° | 80°x140°
- ⇒ **Control:** 0-10V | DALI | DMX512
- ⇒ **IP Rating:** IP66
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

## Application

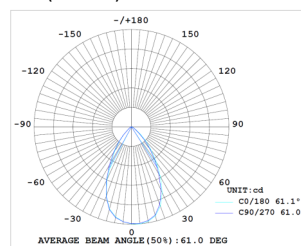
Sports venues; Plazas and parks; Construction sites; Building facades; Parking lots and storage areas; Ports and docks; Industrial plants; Emergency and disaster relief sites; Billboards and large signs; Airports (auxiliary lighting), etc.

## Photometry

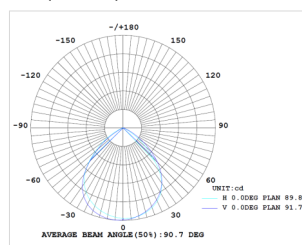
30°(PC lens)



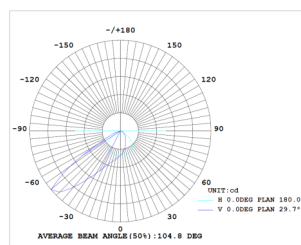
60°(PC lens)



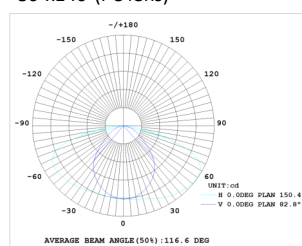
90°(PC lens)



30°x90°(PC lens)



80°x140°(PC lens)



# FL2C Flood Light Datasheet

## Product Data

| Model No.             | FL2C-50                               | FL2C-100 | FL2C-150 | FL2C-200 | FL2C-240 | FL2C-400 | FL2C-500 | FL2C-750  | FL2C-1000 |
|-----------------------|---------------------------------------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| Power                 | 50W                                   | 100W     | 150W     | 200W     | 240W     | 400W     | 500W     | 750W      | 1000W     |
| Lumen Output          | 8,500lm                               | 17,000lm | 25,500lm | 34,000lm | 38,400lm | 68,000lm | 85,000lm | 127,500lm | 170,000lm |
| Luminous Efficacy     | 170 lm/w                              |          |          |          |          |          |          |           |           |
| CCT                   | 3000K   4000K   5000K   5700K   6500K |          |          |          |          |          |          |           |           |
| CRI                   | Ra≥70 (Ra≥80 optional)                |          |          |          |          |          |          |           |           |
| Input Voltage         | 100-277 VAC; 50Hz   60Hz              |          |          |          |          |          |          |           |           |
| Housing Color         | Gray                                  |          |          |          |          |          |          |           |           |
| Housing Material      | Aluminum, PC                          |          |          |          |          |          |          |           |           |
| IP Rating             | IP66                                  |          |          |          |          |          |          |           |           |
| Operating temperature | -30°C to +50°C                        |          |          |          |          |          |          |           |           |
| Operating humidity    | 10% to 90% RH                         |          |          |          |          |          |          |           |           |
| Lifespan              | 100,000 hours                         |          |          |          |          |          |          |           |           |
| Warranty              | 5 years                               |          |          |          |          |          |          |           |           |

## ErP Technical Specification (25°C operating temperature)

| Item                                 | Specification & Data |
|--------------------------------------|----------------------|
| Efficiency In                        | ≥92%                 |
| Power Factor                         | PF≥0.95              |
| Energy Efficiency Class              | C                    |
| Standard Deviation of Color Matching | <5                   |
| Starting Time                        | <0.2S                |
| Warm-up Time to 60%                  | <0.5S                |
| Lumen Maintenance at e.o.l.          | >70%                 |
| Lifetime                             | L70/B10@100,000hours |

**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!**

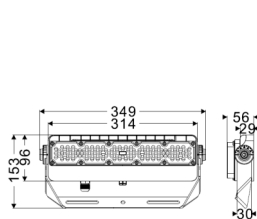
# FL2C Flood Light Datasheet

## Packaging

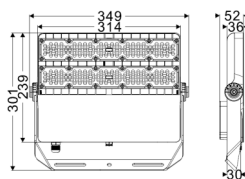
| Model No. | PCS/CTN | N.W     | G.W     | Volumetric Weight | Carton Size and Volume                       | 20GP(28m³)  | 40HC/HQ(68m³) |
|-----------|---------|---------|---------|-------------------|----------------------------------------------|-------------|---------------|
| FL2C-50   | 1       | 2.2 kg  | 2.7 kg  | 0.5 kg            | L345xW110xH60 mm $\approx 0.002 \text{ m}^3$ | 14,000 CTNS | 34,000 CTNS   |
| FL2C-100  | 1       | 2.7 kg  | 3.3 kg  | 1.8 kg            | L337xW355xH75 mm $\approx 0.009 \text{ m}^3$ | 3,111 CTNS  | 7,555 CTNS    |
| FL2C-150  | 1       | 2.9 kg  | 3.5 kg  | 1.8 kg            | L392xW353xH66 mm $\approx 0.009 \text{ m}^3$ | 3,111 CTNS  | 7,555 CTNS    |
| FL2C-200  | 1       | 3.1 kg  | 3.9 kg  | 2.1 kg            | L452xW353xH66 mm $\approx 0.011 \text{ m}^3$ | 2,545 CTNS  | 6,181 CTNS    |
| FL2C-240  | 1       | 3.3 kg  | 4.1 kg  | 2.1 kg            | L452xW353xH66 mm $\approx 0.011 \text{ m}^3$ | 2,545 CTNS  | 6,181 CTNS    |
| FL2C-400  | 1       | 8.0 kg  | 8.9 kg  | 4.9 kg            | L610xW500xH80 mm $\approx 0.024 \text{ m}^3$ | 1,166 CTNS  | 2,833 CTNS    |
| FL2C-500  | 1       | 8.5 kg  | 9.4 kg  | 4.9 kg            | L610xW500xH80 mm $\approx 0.024 \text{ m}^3$ | 1,166 CTNS  | 2,833 CTNS    |
| FL2C-750  | 1       | 9.8 kg  | 10.8 kg | 5.8 kg            | L610xW590xH80 mm $\approx 0.029 \text{ m}^3$ | 965 CTNS    | 2,344 CTNS    |
| FL2C-1000 | 1       | 11.1 kg | 12.2 kg | 6.7 kg            | L690xW610xH80 mm $\approx 0.034 \text{ m}^3$ | 823 CTNS    | 2,000 CTNS    |

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

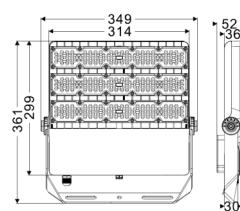
## Dimension (unit: mm)



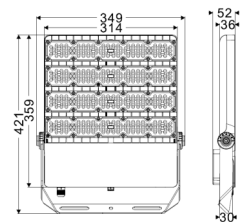
FL2C-50



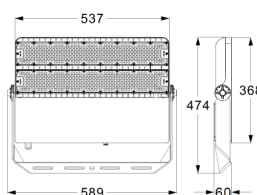
FL2C-100



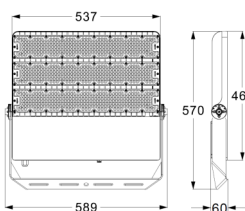
FL2C-150



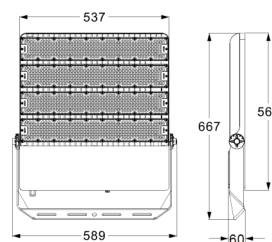
FL2C-200 | FL2C-240



FL2C-400 | FL2C-500



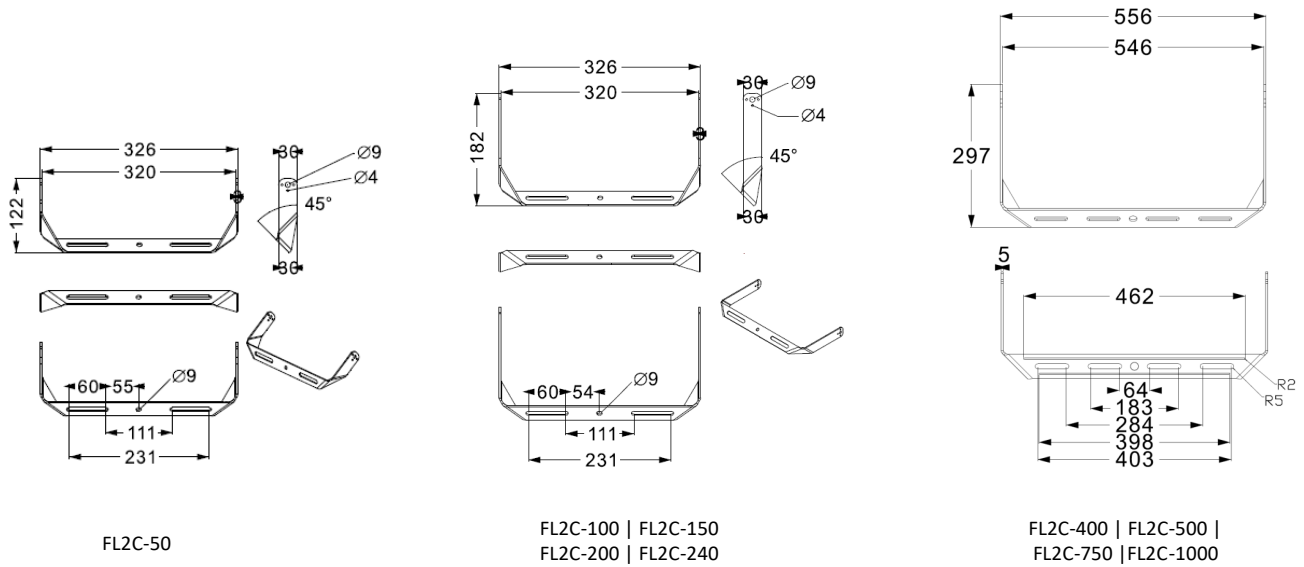
FL2C-750



FL2C-1000

# FL2C Flood Light Datasheet

## Bracket Dimension (unit: mm)



## Installation Manual

Adjustable angle: 0°-180°, each unit is 10°.

