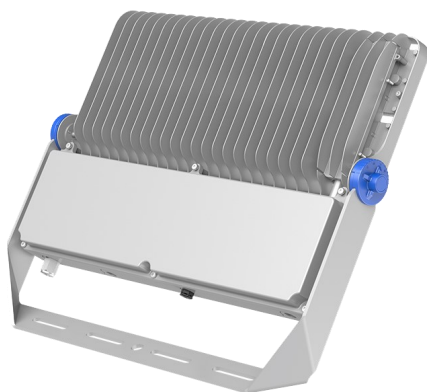
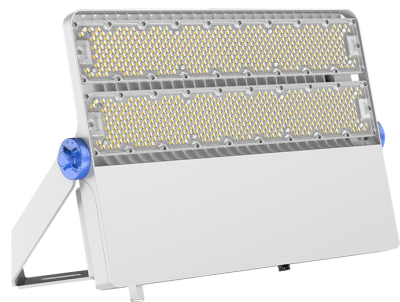
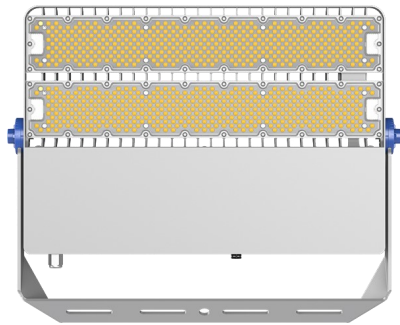


# FL2C Flood Light Datasheet



## Key Features

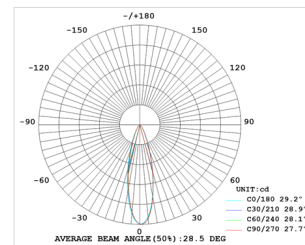
- ⇒ **Efficacy:** 170 lm/w
- ⇒ **LED Chip:** SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 30°x90° | 80°x140°
- ⇒ **Control:** 0-10V | DALI | DMX512
- ⇒ **IP Rating:** IP66
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

## Application

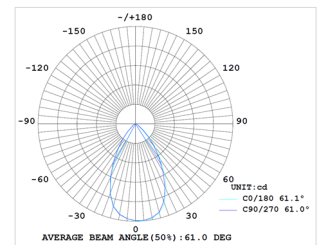
Sports venues; Plazas and parks; Construction sites; Building facades; Parking lots and storage areas; Ports and docks; Industrial plants; Emergency and disaster relief sites; Billboards and large signs; Airports (auxiliary lighting), etc.

## Photometry

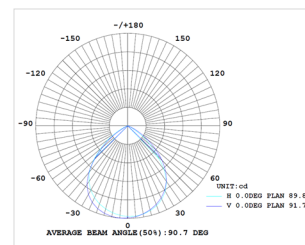
30°(PC lens)



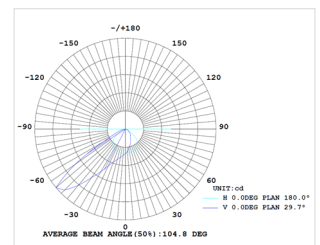
60°(PC lens)



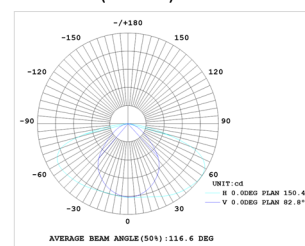
90°(PC lens)



30°x90°(PC lens)



80°x140°(PC lens)



# FL2C Flood Light Datasheet

## Product Data

|                       |                                       |
|-----------------------|---------------------------------------|
| Model No.             | FL2C-400                              |
| Power                 | 400W                                  |
| Lumen Output          | 68,000lm                              |
| 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-400  | 1       | 8.0 kg | 8.9 kg | 4.9 kg            | L610xW500xH80 mm ≈ 0.024 m³ | 1,166 CTNS | 2,833 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)

