

# FL05 Flood Light Datasheet



## Key Features

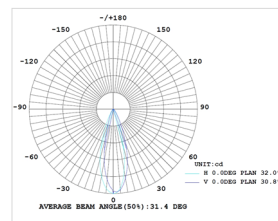
- ⇒ **Efficacy:** Up to 140 lm/w
- ⇒ **LED Chip:** SMD2835 | SMD3030
- ⇒ **SDCM:** <5
- ⇒ **Beam Angle:** 30° | 60° | 90° | 120° | Type II | Type III | asymmetric light
- ⇒ **Control:** Adjustable CCT & Adjustable power
- ⇒ **IP Rating:** IP65
- ⇒ **Installation:** Bracket
- ⇒ **Warranty:** 5 years

## Application

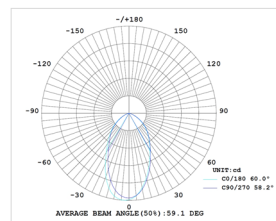
Shopping malls, exhibition halls, car parks, stadiums, stadiums, billboards, parks, sculpture, building facades and other indoor and outdoor lighting.

## Photometry

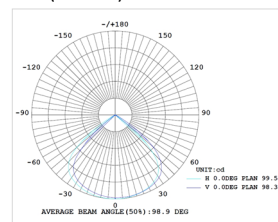
30°(PC lens)



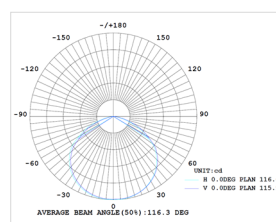
60°(PC lens)



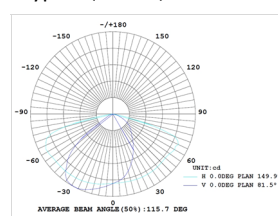
90°(PC lens)



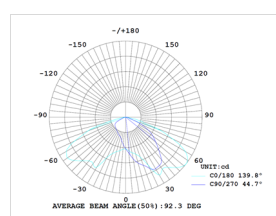
120° Glass Cover



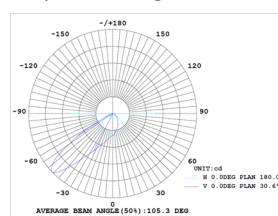
Type II (PC lens)



Type III (PC lens)



Asymmetric light (PC lens)



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## Product Data

|                       |                                       |
|-----------------------|---------------------------------------|
| Model No.             | FL05-150                              |
| Power                 | 150W                                  |
| Lumen Output          | 21,000 lm                             |
| Luminous Efficacy     | 140lm/w                               |
| CCT                   | 3000K   4000K   5000K   5700K   6500K |
| CRI                   | Ra≥70 (Ra≥80 optional)                |
| Input Voltage         | 100-277 VAC; 50Hz   60Hz              |
| Housing Color         | Black   Gray                          |
| Housing Material      | Aluminum, Glass, PC                   |
| IP Rating             | IP65                                  |
| Operating temperature | -30°C to +40°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                        | >93%                 |
| Power Factor                         | PF≥0.95              |
| Energy Efficiency Class              | D                    |
| 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 will have 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!**

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## Accessories Description

**Adjustable CCT and Power Dial button**

⇒ Black | Gray  
⇒ Steel, PC

**CCT Adjust Dial**  
Adjustable CCT: 3000K(WW)|4350K(NW)|5700K(DW)

**Power Adjust Dial**  
Adjustable Power: 50%; 75%; 100%.  
Dial "1" is 75%; dial "1" and "2" is 50%;  
OFF is 100%.

## Packaging

| Model No. | PCS/CTN | N.W        | G.W         | Volumetric Weight | Carton Size and Volume       | 20GP(28m³) | 40HC/HQ(68m³) |
|-----------|---------|------------|-------------|-------------------|------------------------------|------------|---------------|
| FL05-150  | 5       | 3.5 kg/pcs | 19.5 kg/ctn | 8.5 kg            | L340xW320xH390 mm ≈ 0.042 m³ | 666 CTNS   | 1,619 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)

