



## LED Flood Light

**AFE 01**

IP65

IK08

CE ErP

## Advantages

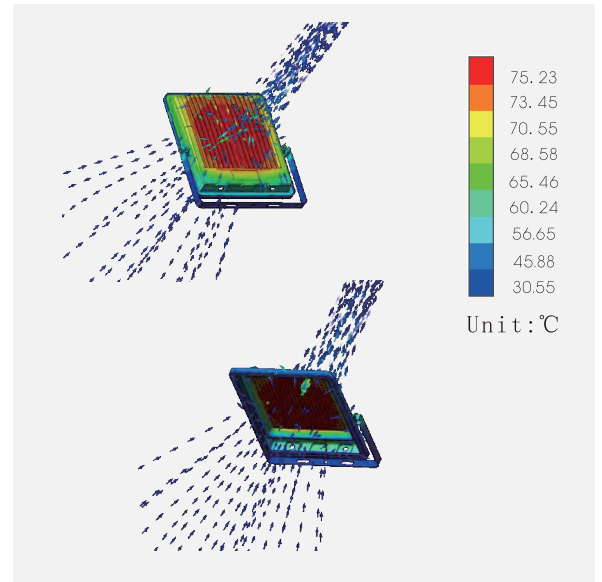
- Efficiency:100Lm/W
- Integrated aluminum die-casting body
- Splicing lenses with optional angles



AFE01 not only uses ADC12 die-casting aluminum heat sink, but also adopts the most advanced finite element heat dissipation technology to control lamp temperature and maintain ultra-high lumen rate.



**Screw**



**Thermal Conductivity**



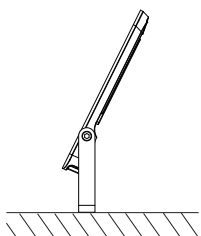
**Display**



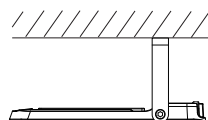
**Application**

## Installation Diagram

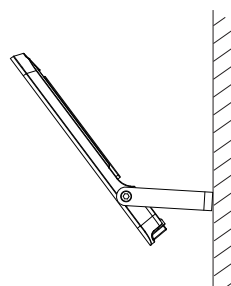
**Floor Installation**



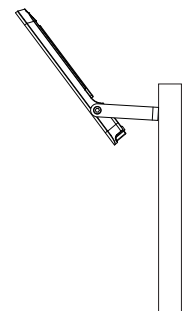
**Ceiling Installation**



**Suction Wall Installation**



**Post Installation**



# AFE01 Technical Data

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| LED Chip Brand             | Sanan                                                      |
| LED Chip Type              | SMD2835   SMD3030                                          |
| Luminous Efficacy          | 100LM/W                                                    |
| Color Rendering Index (RA) | > 70   80   90                                             |
| Color Temperature          | 2700K-6500K                                                |
| Beam Angle                 | 90°                                                        |
| Number Of Leds             | A:36 Pcs   B:72 Pcs   C:144 Pcs  <br>D:216 Pcs   E:288 Pcs |
| Life Time                  | 50000 Hours                                                |

## Electrical Parameters

|                           |                        |
|---------------------------|------------------------|
| Power A                   | 30W                    |
| Power B                   | 50W                    |
| Power C                   | 100W                   |
| Power D                   | 150W                   |
| Power E                   | 200W                   |
| Voltage                   | AC100-265V             |
| Electrical Security Class | Class I   Class II     |
| Work Temperature          | (-30 °C to 50 °C)      |
| Humidity                  | 10 % to 90%            |
| IP Grade                  | IP65                   |
| IK Grade                  | IK08                   |
| SPD                       | 10KV   20KV (Optional) |

## Driver

|              |              |
|--------------|--------------|
| Brand        | DOB   Linear |
| Power Factor | > 0.90       |
| Performance  | > 90%        |
| IP Grade     | IP20 to IP67 |
| THD          | < 15%        |

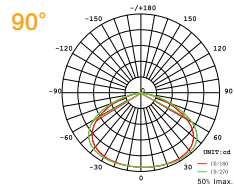
## Materials and Properties

|                   |                  |
|-------------------|------------------|
| Material Of Shell | Aluminum (ADC12) |
| Material Of Lens  | PC               |
| Size 30W (mm)     | 160*139*25       |
| Size 50W (mm)     | 180*165*25       |
| Size 100W (mm)    | 238*217*25       |
| Size 150W (mm)    | 298*270*25       |
| Size 200W (mm)    | 335*305*25       |

## Tested according to

|        |                                                                                                                                                                |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CE-LVD | EN 60598-2-3:2003 + A1:2011<br>EN IEC 60598-1:2021<br>EN 62471:2008<br>EN 62493:2015                                                                           |
| CE-EMC | EN 55015:2013+A1:2015<br>EN 61547:2009<br>EN IEC 61000-3-2:2019<br>EN 61000-3-3:2013+A1:2019                                                                   |
| ROHS   | IEC62321-1:2013, IEC62321-3-1:2013<br>IEC62321-4:2013/AMD1:2017<br>IEC62321-5:2013, IEC62321-6:2015<br>IEC62321-7-1:2015, IEC62321-7-2:2017<br>IEC62321-8:2017 |

## Typical Photometric Features



## Product Size

