

OE Lighting technical data

# **LED FLOODLIGHT**

Create new gree life - Energy saving/Healthy/Eco-friendly



[www.oe-lighting.com](http://www.oe-lighting.com)

## LED FLOODLIGHT



| Model No.   | Watts(W) | Light Output(lm) | Voltage(V) | Light Color(K) | Beam Angle(Degree) |
|-------------|----------|------------------|------------|----------------|--------------------|
| LED61084-CW | 20       | 1600             | AC100-240  | 6000-6500      | 60/120             |
| LED61084-WW | 20       | 1600             | AC100-240  | 3000-3200      | 60/120             |
| LED61084-W  | 20       | 1600             | AC100-240  | 3700-4200      | 60/120             |

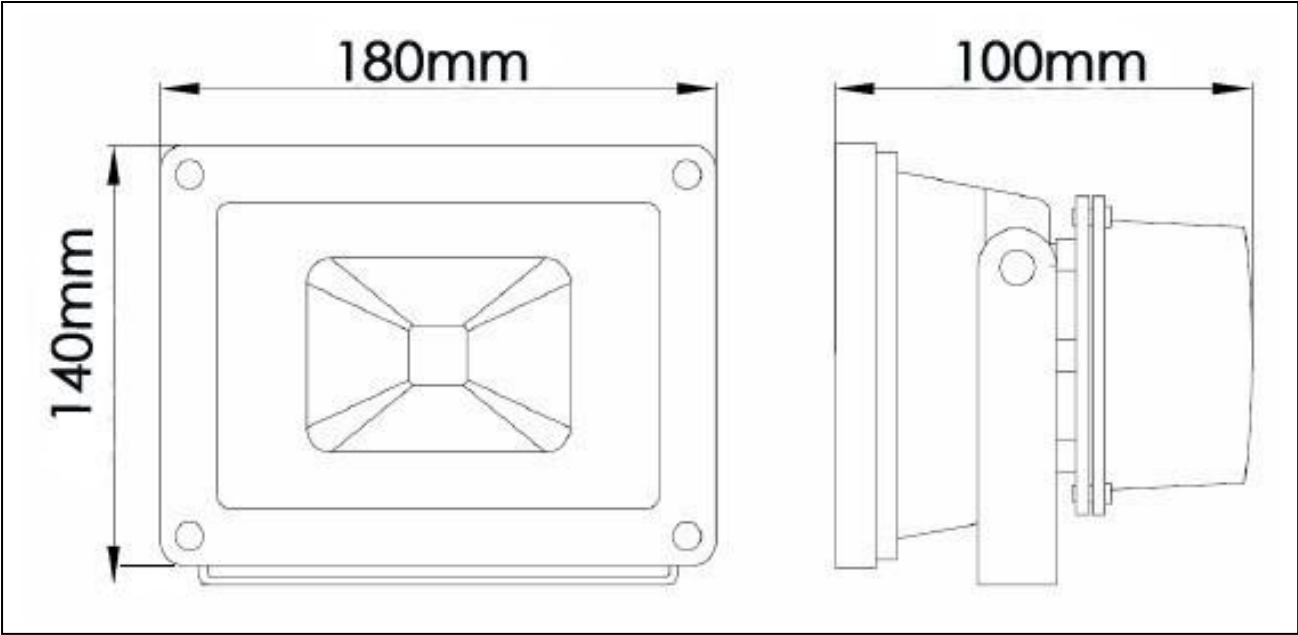
| Specifications                | Values                             |
|-------------------------------|------------------------------------|
| Operational Temperature Range | -20~40℃                            |
| Material                      | Aluminum + Glass                   |
| LED Chip                      | Epistar LED                        |
| Color                         | Grey/Black                         |
| IP rating                     | IP65                               |
| Installation Area             | Outdoor, Park, garden, square, etc |

| Item                    | Test Conditions | Min. | Typ.    | Max. |
|-------------------------|-----------------|------|---------|------|
| Input Voltage (V. rms)  | AC              | 100  | 220     | 240  |
| Input current (mA, rms) | AC220V          | ---  | 91      | ---  |
| Input Power (W, rms)    | AC(all)         | ---  | 20      | ---- |
| Input Frequency (Hz)    | AC              | ---  | 50/60Hz | ---  |
| Power Factor (PF)       | AC(all)         | ---  |         |      |
| Output voltage (V)      | DC              | ---  | ---     | ---  |
| Output current (A)      | DC              | ---  | ---     | ---  |
| Output power (W)        | DC              | ---  | ---     | ---  |

LED FLOODLIGHT



Drawing



Packing

|                |               |
|----------------|---------------|
| Weight/carton  | 12.5/13.5kg   |
| Size of box    | 185*160*125mm |
| Size of Carton | 57.5*33*27CM  |
| Qty/ Carton    | 12PCS         |

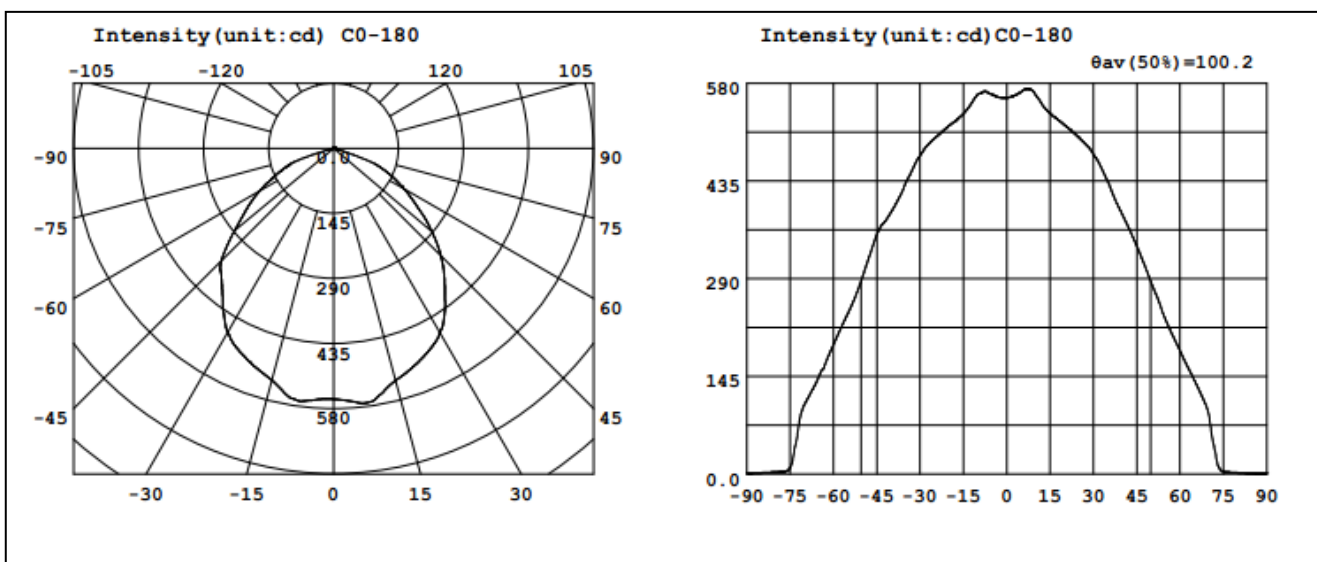
## LED FLOODLIGHT



OE-LED61084

| Category                  | Specifications | Unit      |
|---------------------------|----------------|-----------|
| Watts                     | 20             | W         |
| Lumens per Watt(Efficacy) | 80             | Lm/W      |
| Light Output              | 1600           | lm        |
| Light Color(CCT)          | 3000-6500      | K         |
| Beam Angle                | 120            | '(degree) |
| Color Accuracy(CRI)       | 70             | Ra        |
| Product Weight            | 1000           | G         |
| Rating Life               | 30000          | H         |
| Base                      | Line interface |           |
| Input Voltage(AC)         | 100-240        | V         |

### Goniophotometer Test Report



Intensity data:(deg , cd) C0-180

| A     | I     | A     | I     | A     | I     | A    | I     | A    | I     | A    | I      |
|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|--------|
| -90.0 | 1.499 | -58.5 | 206.3 | -27.0 | 490.0 | 4.5  | 566.1 | 36.0 | 424.1 | 67.5 | 116.7  |
| -88.5 | 1.474 | -57.0 | 220.5 | -25.5 | 496.4 | 6.0  | 570.7 | 37.5 | 407.9 | 69.0 | 101.9  |
| -87.0 | 1.766 | -55.5 | 234.0 | -24.0 | 502.1 | 7.5  | 571.5 | 39.0 | 394.4 | 70.5 | 74.00  |
| -85.5 | 1.998 | -54.0 | 247.6 | -22.5 | 507.9 | 9.0  | 569.3 | 40.5 | 381.2 | 72.0 | 37.27  |
| -84.0 | 2.246 | -52.5 | 262.6 | -21.0 | 513.5 | 10.5 | 560.0 | 42.0 | 367.8 | 73.5 | 9.786  |
| -82.5 | 2.471 | -51.0 | 279.5 | -19.5 | 518.7 | 12.0 | 550.7 | 43.5 | 353.5 | 75.0 | 3.631  |
| -81.0 | 2.747 | -49.5 | 298.6 | -18.0 | 523.4 | 13.5 | 542.0 | 45.0 | 339.0 | 76.5 | 2.806  |
| -79.5 | 3.031 | -48.0 | 317.7 | -16.5 | 529.0 | 15.0 | 535.5 | 46.5 | 323.6 | 78.0 | 2.478  |
| -78.0 | 3.340 | -46.5 | 337.0 | -15.0 | 534.7 | 16.5 | 530.1 | 48.0 | 307.3 | 79.5 | 2.169  |
| -76.5 | 3.938 | -45.0 | 355.3 | -13.5 | 542.3 | 18.0 | 525.3 | 49.5 | 290.3 | 81.0 | 1.841  |
| -75.0 | 9.634 | -43.5 | 368.3 | -12.0 | 551.8 | 19.5 | 520.1 | 51.0 | 274.1 | 82.5 | 1.589  |
| -73.5 | 36.50 | -42.0 | 375.8 | -10.5 | 561.6 | 21.0 | 514.9 | 52.5 | 258.6 | 84.0 | 1.345  |
| -72.0 | 72.59 | -40.5 | 385.7 | -9.0  | 565.5 | 22.5 | 509.3 | 54.0 | 239.9 | 85.5 | 1.091  |
| -70.5 | 98.89 | -39.0 | 396.3 | -7.5  | 568.3 | 24.0 | 503.5 | 55.5 | 224.3 | 87.0 | 0.8220 |
| -69.0 | 111.4 | -37.5 | 408.3 | -6.0  | 565.0 | 25.5 | 497.4 | 57.0 | 210.2 | 88.5 | 0.9528 |
| -67.5 | 123.6 | -36.0 | 421.1 | -4.5  | 562.3 | 27.0 | 491.0 | 58.5 | 196.6 | 90.0 | 1.066  |
| -66.0 | 135.4 | -34.5 | 436.6 | -3.0  | 559.5 | 28.5 | 484.4 | 60.0 | 183.1 |      |        |
| -64.5 | 149.9 | -33.0 | 448.6 | -1.5  | 558.6 | 30.0 | 475.0 | 61.5 | 169.2 |      |        |
| -63.0 | 161.6 | -31.5 | 462.4 | 0.0   | 558.7 | 31.5 | 465.6 | 63.0 | 156.3 |      |        |
| -61.5 | 177.5 | -30.0 | 472.9 | 1.5   | 560.1 | 33.0 | 452.6 | 64.5 | 143.6 |      |        |
| -60.0 | 191.8 | -28.5 | 482.6 | 3.0   | 562.5 | 34.5 | 438.7 | 66.0 | 130.2 |      |        |

**Electricity Parameter:**

Current I: 0.6100A      Power: 20.10W  
Voltage V: 220.0V      PF: 0.535

**Optical Parameter(Distance=2.250m):**

Diffuse angle: @ (25%): 129.7deg@ (50%): 100.2deg@ (75%): 70.7deg@ (50%): 100.2deg  
Diffuse angle: @ (25%): 130.4deg@ (50%): 101.4deg@ (75%): 72.6deg@ (50%): 101.4deg  
Imax=571.9cd (C=0.0deg,G=7.0deg)      C0-180Plane Imax= 571.9cd(G=7.0deg)  
C0-180Plane I0= 558.7cd

**Average Illuminance Figure**