

# OPPLE Outdoor **LIGHTING EXPERT**



IP66 Protect Against Heavy Seas



-40-+50°C Ambient Temperature



Rustproof



Wind-Resistance Super Typhoon Class 16 Impact Resistant



IK08



Up to 10KV



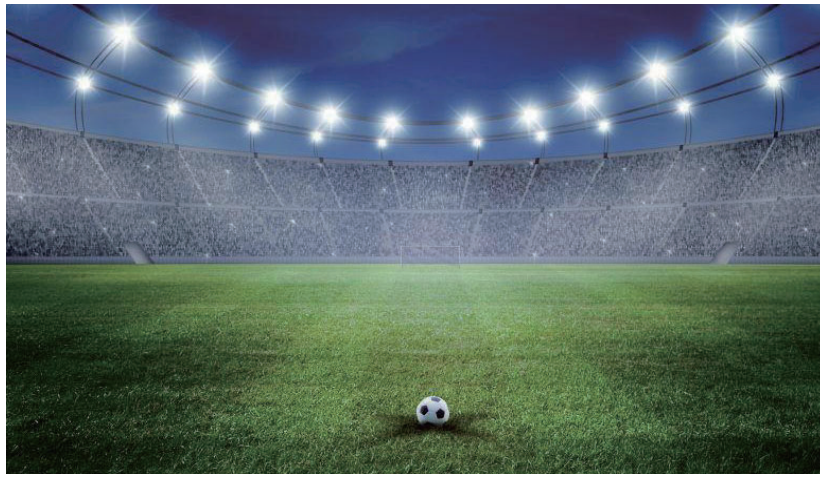
100-300V Voltage Endurance



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*See Beyond*





## LED Floodlight EcoMax III

### Features

- Robust housing and refined finish coating
- IP66,IK08, Up to 130 lm/W
- 50Khrs lifespan, 10KV high surge protection
- Multiple beam angle options:45°,80°,120°+30°

### Benefits

- Excellent thermal management for stable performance
- High efficiency for higher energy saving standard
- Long life,low maintenance cost
- Robust and durable in poor grid environment

### Application



### Specification

| Item Code    | Item Description                             | Power (W) | Power Factor | Lumen (lm) | Efficacy (lm/W) | Input Current (A) | Lifetime (L70B50) | MOQ (pcs) |
|--------------|--|-----------|--------------|------------|-----------------|-------------------|-------------------|-----------|
| 709000023100 | LED Floodlight-E III 150W-3000-120+30D-GY-GP | 150       | 0.95         | 18750      | 125             | 0.678             | 50000             | 100       |
| 709000023200 | LED Floodlight-E III 150W-4000-120+30D-GY-GP | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000023300 | LED Floodlight-E III 150W-5700-120+30D-GY-GP | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000023400 | LED Floodlight-E III 150W-3000-80D-GY-GP     | 150       | 0.95         | 18750      | 125             | 0.678             | 50000             | 100       |
| 709000023500 | LED Floodlight-E III 150W-4000-80D-GY-GP     | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000023600 | LED Floodlight-E III 150W-5700-80D-GY-GP     | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000023700 | LED Floodlight-E III 150W-3000-45D-GY-GP     | 150       | 0.95         | 18750      | 125             | 0.678             | 50000             | 100       |
| 709000023800 | LED Floodlight-E III 150W-4000-45D-GY-GP     | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000023900 | LED Floodlight-E III 150W-5700-45D-GY-GP     | 150       | 0.95         | 19500      | 130             | 0.678             | 50000             | 100       |
| 709000024000 | LED Floodlight-E III 200W-3000-120+30D-GY-GP | 200       | 0.95         | 25000      | 125             | 0.95              | 50000             | 100       |
| 709000024100 | LED Floodlight-E III 200W-4000-120+30D-GY-GP | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024200 | LED Floodlight-E III 200W-5700-120+30D-GY-GP | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024300 | LED Floodlight-E III 200W-3000-80D-GY-GP     | 200       | 0.95         | 25000      | 125             | 0.95              | 50000             | 100       |
| 709000024400 | LED Floodlight-E III 200W-4000-80D-GY-GP     | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024500 | LED Floodlight-E III 200W-5700-80D-GY-GP     | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024600 | LED Floodlight-E III 200W-3000-45D-GY-GP     | 200       | 0.95         | 25000      | 125             | 0.95              | 50000             | 100       |
| 709000024700 | LED Floodlight-E III 200W-4000-45D-GY-GP     | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024800 | LED Floodlight-E III 200W-5700-45D-GY-GP     | 200       | 0.95         | 26000      | 130             | 0.95              | 50000             | 100       |
| 709000024900 | LED Floodlight-E III 250W-3000-120+30D-GY-GP | 250       | 0.95         | 31250      | 125             | 1.188             | 50000             | 100       |
| 709000025000 | LED Floodlight-E III 250W-4000-120+30D-GY-GP | 250       | 0.95         | 32500      | 130             | 1.188             | 50000             | 100       |
| 709000025100 | LED Floodlight-E III 250W-5700-120+30D-GY-GP | 250       | 0.95         | 32500      | 130             | 1.188             | 50000             | 100       |
| 709000025200 | LED Floodlight-E III 250W-3000-80D-GY-GP     | 250       | 0.95         | 31250      | 125             | 1.188             | 50000             | 100       |
| 709000025300 | LED Floodlight-E III 250W-4000-80D-GY-GP     | 250       | 0.95         | 32500      | 130             | 1.188             | 50000             | 100       |
| 709000025400 | LED Floodlight-E III 250W-5700-80D-GY-GP     | 250       | 0.95         | 32500      | 130             | 1.188             | 50000             | 100       |

| Item Code    | Item Description                             | Power (W) | Power Factor | Lumen (lm) | Efficacy (lm/W) | Input Current (A) | Lifetime (L70B50) | MOQ (pcs) |
|--------------|--|-----------|--------------|------------|-----------------|-------------------|-------------------|-----------|
| 709000025500 | LED Floodlight-E III 250W-3000-45D-GY-GP     | 250       | 0.95         | 28750      | 125             | 1.188             | 50000             | 100       |
| 709000025600 | LED Floodlight-E III 250W-4000-45D-GY-GP     | 250       | 0.95         | 31250      | 130             | 1.188             | 50000             | 100       |
| 709000025700 | LED Floodlight-E III 250W-5700-45D-GY-GP     | 250       | 0.95         | 31250      | 130             | 1.188             | 50000             | 100       |
| 709000025800 | LED Floodlight-E III 300W-3000-120+30D-GY-GP | 300       | 0.95         | 33000      | 125             | 1.428             | 50000             | 100       |
| 709000025900 | LED Floodlight-E III 300W-4000-120+30D-GY-GP | 300       | 0.95         | 36000      | 130             | 1.428             | 50000             | 100       |
| 709000026000 | LED Floodlight-E III 300W-5700-120+30D-GY-GP | 300       | 0.95         | 36000      | 130             | 1.428             | 50000             | 100       |
| 709000026100 | LED Floodlight-E III 300W-3000-80D-GY-GP     | 300       | 0.95         | 34500      | 125             | 1.428             | 50000             | 100       |
| 709000026200 | LED Floodlight-E III 300W-4000-80D-GY-GP     | 300       | 0.95         | 37500      | 130             | 1.428             | 50000             | 100       |
| 709000026300 | LED Floodlight-E III 300W-5700-80D-GY-GP     | 300       | 0.95         | 37500      | 130             | 1.428             | 50000             | 100       |
| 709000026400 | LED Floodlight-E III 300W-3000-45D-GY-GP     | 300       | 0.95         | 34500      | 125             | 1.428             | 50000             | 100       |
| 709000026500 | LED Floodlight-E III 300W-4000-45D-GY-GP     | 300       | 0.95         | 37500      | 130             | 1.428             | 50000             | 100       |
| 709000026600 | LED Floodlight-E III 300W-5700-45D-GY-GP     | 300       | 0.95         | 37500      | 130             | 1.428             | 50000             | 100       |

| Technical Specifications   |   |
|----------------------------|---|
| CRI                        | ≥80   |
| Colour Consistency (SDCM)  | < 6   |
| Dimmable                   | No  |
| Housing Colour             | Grey  |
| IP                         | IP66  |
| IK                         | IK08  |
| Driver integrated (Yes/No) | Yes   |
| Driver failure rate        | 1% at 5000h   |
| Glow wire test             | 650°C   |
| Weight (kg/pc)             | 5.72/5.88/5.86/5.98/6.14/6.12/<br>7.49/7.72/7.7/7.4/7.68/7.65 |

|                         |                    |
|-------------------------|--------------------|
| Frequency (Hz)          | 50/60              |
| Voltage (V)             | 220-240            |
| AC / DC                 | AC                 |
| Driver Housing material | Die-cast Aluminium |
| Reflector Material      | PC                 |
| Operating Temperature   | -40-50°C           |
| Application Temperature | 25°C               |
| Storage Environment     | -40-65°C           |

CB

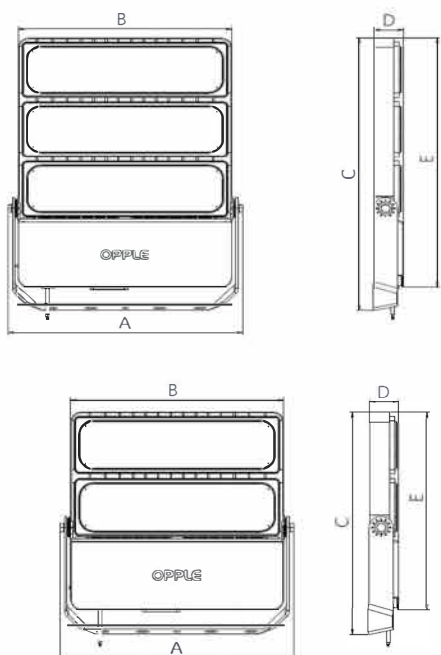
## Packaging Information

| Item Code    | Item Description                             | Single Box(1pc/box)    |                   | Outer box              |                   |                       |
|--------------|--|------------------------|-------------------|------------------------|-------------------|-----------------------|
|              |  | Dimensions(mm) (LxWxH) | Gross Weight (kg) | Dimensions(mm) (LxWxH) | Gross Weight (kg) | Packing Qty (pcs/CTN) |
| 709000023100 | LED Floodlight-E III 150W-3000-120+30D-GY-GP | 465*62*485             | 6.338             | 480*210*505            | 19.63             | 3                     |
| 709000023200 | LED Floodlight-E III 150W-4000-120+30D-GY-GP | 465*62*485             | 6.338             | 480*210*505            | 19.63             | 3                     |
| 709000023300 | LED Floodlight-E III 150W-5700-120+30D-GY-GP | 465*62*485             | 6.338             | 480*210*505            | 19.63             | 3                     |
| 709000023400 | LED Floodlight-E III 150W-3000-80D-GY-GP     | 465*62*485             | 6.498             | 480*210*505            | 20.11             | 3                     |
| 709000023500 | LED Floodlight-E III 150W-4000-80D-GY-GP     | 465*62*485             | 6.498             | 480*210*505            | 20.11             | 3                     |
| 709000023600 | LED Floodlight-E III 150W-5700-80D-GY-GP     | 465*62*485             | 6.498             | 480*210*505            | 20.11             | 3                     |
| 709000023700 | LED Floodlight-E III 150W-3000-45D-GY-GP     | 465*62*485             | 6.478             | 480*210*505            | 20.05             | 3                     |
| 709000023800 | LED Floodlight-E III 150W-4000-45D-GY-GP     | 465*62*485             | 6.478             | 480*210*505            | 20.05             | 3                     |
| 709000023900 | LED Floodlight-E III 150W-5700-45D-GY-GP     | 465*62*485             | 6.478             | 480*210*505            | 20.05             | 3                     |
| 709000024000 | LED Floodlight-E III 200W-3000-120+30D-GY-GP | 465*62*485             | 6.598             | 480*210*505            | 20.41             | 3                     |
| 709000024100 | LED Floodlight-E III 200W-4000-120+30D-GY-GP | 465*62*485             | 6.598             | 480*210*505            | 20.41             | 3                     |
| 709000024200 | LED Floodlight-E III 200W-5700-120+30D-GY-GP | 465*62*485             | 6.598             | 480*210*505            | 20.41             | 3                     |
| 709000024300 | LED Floodlight-E III 200W-3000-80D-GY-GP     | 465*62*485             | 6.758             | 480*210*505            | 20.89             | 3                     |
| 709000024400 | LED Floodlight-E III 200W-4000-80D-GY-GP     | 465*62*485             | 6.758             | 480*210*505            | 20.89             | 3                     |
| 709000024500 | LED Floodlight-E III 200W-5700-80D-GY-GP     | 465*62*485             | 6.758             | 480*210*505            | 20.89             | 3                     |
| 709000024600 | LED Floodlight-E III 200W-3000-45D-GY-GP     | 465*62*485             | 6.738             | 480*210*505            | 20.83             | 3                     |
| 709000024700 | LED Floodlight-E III 200W-4000-45D-GY-GP     | 465*62*485             | 6.738             | 480*210*505            | 20.83             | 3                     |
| 709000024800 | LED Floodlight-E III 200W-5700-45D-GY-GP     | 465*62*485             | 6.738             | 480*210*505            | 20.83             | 3                     |

## Packaging Information

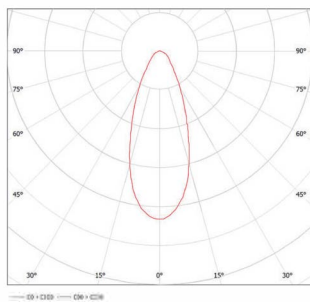
| Item         |  | Single Box(1pc/box)       |                      | Packaging box             |                      |                            |
|--------------|--|---------------------------|----------------------|---------------------------|----------------------|----------------------------|
| Item Code    | Item Description                             | Dimensions(mm)<br>(LxWxH) | Gross Weight<br>(kg) | Dimensions(mm)<br>(LxWxH) | Gross Weight<br>(kg) | Packaging Qty<br>(pcs/CTN) |
| 709000024900 | LED Floodlight-E III 250W-3000-120+30D-GY-GP | 465*62*610                | 8.258                | 485*210*625               | 25.496               | 3                          |
| 709000025000 | LED Floodlight-E III 250W-4000-120+30D-GY-GP | 465*62*610                | 8.258                | 485*210*625               | 25.496               | 3                          |
| 709000025100 | LED Floodlight-E III 250W-5700-120+30D-GY-GP | 465*62*610                | 8.258                | 485*210*625               | 25.496               | 3                          |
| 709000025200 | LED Floodlight-E III 250W-3000-80D-GY-GP     | 465*62*610                | 8.488                | 485*210*625               | 26.186               | 3                          |
| 709000025300 | LED Floodlight-E III 250W-4000-80D-GY-GP     | 465*62*610                | 8.488                | 485*210*625               | 26.186               | 3                          |
| 709000025400 | LED Floodlight-E III 250W-5700-80D-GY-GP     | 465*62*610                | 8.488                | 485*210*625               | 26.186               | 3                          |
| 709000025500 | LED Floodlight-E III 250W-3000-45D-GY-GP     | 465*62*610                | 8.468                | 485*210*625               | 26.126               | 3                          |
| 709000025600 | LED Floodlight-E III 250W-4000-45D-GY-GP     | 465*62*610                | 8.468                | 485*210*625               | 26.126               | 3                          |
| 709000025700 | LED Floodlight-E III 250W-5700-45D-GY-GP     | 465*62*610                | 8.468                | 485*210*625               | 26.126               | 3                          |
| 709000025800 | LED Floodlight-E III 300W-3000-120+30D-GY-GP | 465*62*610                | 8.208                | 485*210*625               | 25.346               | 3                          |
| 709000025900 | LED Floodlight-E III 300W-4000-120+30D-GY-GP | 465*62*610                | 8.208                | 485*210*625               | 25.346               | 3                          |
| 709000026000 | LED Floodlight-E III 300W-5700-120+30D-GY-GP | 465*62*610                | 8.208                | 485*210*625               | 25.346               | 3                          |
| 709000026100 | LED Floodlight-E III 300W-3000-80D-GY-GP     | 465*62*610                | 8.448                | 485*210*625               | 26.066               | 3                          |
| 709000026200 | LED Floodlight-E III 300W-4000-80D-GY-GP     | 465*62*610                | 8.448                | 485*210*625               | 26.066               | 3                          |
| 709000026300 | LED Floodlight-E III 300W-5700-80D-GY-GP     | 465*62*610                | 8.448                | 485*210*625               | 26.066               | 3                          |
| 709000026400 | LED Floodlight-E III 300W-3000-45D-GY-GP     | 465*62*610                | 8.418                | 485*210*625               | 25.976               | 3                          |
| 709000026500 | LED Floodlight-E III 300W-4000-45D-GY-GP     | 465*62*610                | 8.418                | 485*210*625               | 25.976               | 3                          |
| 709000026600 | LED Floodlight-E III 300W-5700-45D-GY-GP     | 465*62*610                | 8.418                | 485*210*625               | 25.976               | 3                          |

## Dimensional Drawing

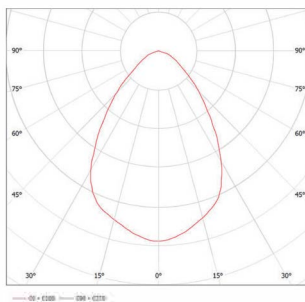


| Model             | A(mm) | B(mm) | C(mm) | D(mm) | E(mm) |
|-------------------|-------|-------|-------|-------|-------|
| LED FL-E III 150W | 439   | 400   | 445   | 54    | 396   |
| LED FL-E III 200W | 439   | 400   | 445   | 54    | 396   |
| LED FL-E III 250W | 439   | 400   | 570   | 54    | 521   |
| LED FL-E III 300W | 439   | 400   | 570   | 54    | 521   |

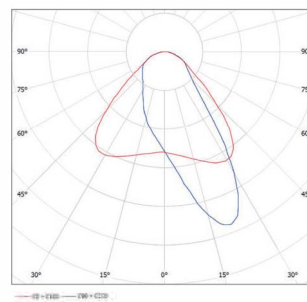
## Photometric Data



45°



80°



AS