# OPPLE LIGHTING.



## Waterproof Performer G5

**NEW**

- Powerful range of waterproof luminaires in specific "sealed for life" design
- High efficacy of 170 lm/w
- Available as Smart Lighting solution (BLE2) and DALI2
- Smart Lighting solution (BLE2) and DALI2 versions with Tunable White (3000K - 5700K) available
- Flexible due to 4000K/5700K CCT and Power Switch
- Quick installation thanks to its screwless endcap
- Supplied with vandal-proof stainless steel ceiling and suspension clips
- Equipped with throughwiring, special PLUS version with 2 additional internal wires
- DALI2 driver compatible with 230V push dimming

DALI2 · Bluetooth® · FLICKER-FREE · TW · HACCP TESTED CONFORM · IK08 · IP66 · MULTI CCT 4000K - 5700K

## Specifications

| Item Code | Item Description | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | CCT (K) | Internal wiring (mm²) | Net Weight (kg/pc) |
|---|---|---|---|---|---|---|---|---|
| **On-Off** | | | | | | | | |
| 531000040500 | LEDWaterproof-P5-L06-12/22W-840 | TL 2x18W | 11 - 22 | 1980/3630 | 165 | 4000 | 3x2.5 | 0.9 |
| 531000035400 | LEDWaterproof-P5-L12-22/34W-840 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4000 | 3x2.5 | 1.4 |
| 531000035600 | LEDWaterproof-P5-L12-22/34W-840-PLUS | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4000 | 5x2.5 | 1.4 |
| 531000041400 | LEDWaterproof-P5-L12-22/34W-840/857 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4K/5.7K | 3x2.5 | 1.4 |
| 531000035900 | LEDWaterproof-P5-L12-22/34W-857 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4K/5.7K | 3x2.5 | 1.4 |
| 531000036900 | LEDWaterproof-P5-L15-28/42W-840 | TL 2x58W | 28 - 42 | 4760/7140 | 170 | 4000 | 3x2.5 | 1.8 |
| 531000037100 | LEDWaterproof-P5-L15-28/42W-840/857 | TL 2x58W | 28 - 42 | 4760/7140 | 170 | 4K/5.7K | 3x2.5 | 1.8 |
| 531000037500 | LEDWaterproof-P5-L15-28/48W-840-PLUS | TL 2x58W | 28 - 42 | 4760/8160 | 170 | 4000 | 5x2.5 | 1.8 |
| 531000037700 | LEDWaterproof-P5-L15-42/48W-840 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 4000 | 3x2.5 | 1.8 |
| 531000037900 | LEDWaterproof-P5-L15-42/48W-840/857 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 4K/5.7K | 3x2.5 | 1.8 |
| 531000038100 | LEDWaterproof-P5-L15-42/48W-857 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 5700 | 3x2.5 | 1.8 |
| 531000039100 | LEDWaterproof-P5-L15-62/72W-840 | TL 2x80W | 62 - 72 | 10540/12240 | 170 | 4000 | 3x2.5 | 1.8 |
| 531000039700 | LEDWaterproof-P5-L15-62/72W-857 | TL 2x80W | 62 - 72 | 10540/12240 | 170 | 5700 | 3x2.5 | 1.8 |
| **DALI2** | | | | | | | | |
| 531000041200 | LEDWaterproof-P5-L06-22W-DALI-840 | TL 2x18W | 22 | 3630 | 165 | 4000 | 5x2.5 | 0.9 |
| 531000036500 | LEDWaterproof-P5-L12-34W-DALI-840 | TL 2x36W | 34 | 5780 | 170 | 4000 | 5x2.5 | 1.4 |
| 531000036700 | LEDWaterproof-P5-L12-34W-DALI-857 | TL 2x36W | 34 | 5780 | 170 | 5700 | 5x2.5 | 1.4 |
| 531000038700 | LEDWaterproof-P5-L15-48W-DALI-840 | TL 2x58W | 48 | 8160 | 170 | 4000 | 5x2.5 | 1.8 |
| 531000038900 | LEDWaterproof-P5-L15-48W-DALI-857 | TL 2x58W | 48 | 8160 | 170 | 5700 | 5x2.5 | 1.8 |
| 531000040200 | LEDWaterproof-P5-L15-72W-DALI-840 | TL 2x80W | 72 | 12240 | 170 | 4000 | 5x2.5 | 1.8 |
| 531000040400 | LEDWaterproof-P5-L15-72W-DALI-857 | TL 2x80W | 72 | 12240 | 170 | 5700 | 5x2.5 | 1.8 |
| **Smart** | | | | | | | | |
| 531000041000 | LEDWaterproof-P5-L06-22W-BLE2-840 | TL 2x18W | 22 | 3630 | 165 | 4000 | 3x2.5 | 0.9 |
| 531000036100 | LEDWaterproof-P5-L12-34W-BLE2-840 | TL 2x36W | 34 | 5780 | 170 | 4000 | 3x2.5 | 1.4 |

| Item Code | Item Description | Equivalent to (W) | Power (W) | Lumen | Efficacy (lm/W) | CCT (K) | Internal wiring (mm²) | Net Weight (kg/pc) |
|---|---|---|---|---|---|---|---|---|
| 531000036300 | LEDWaterproof-P5-L12-34W-BLE2-857 | TL 2x36W | 34 | 5780 | 170 | 5700 | 3x2.5 | 1.4 |
| 531000038300 | LEDWaterproof-P5-L15-48W-BLE2-840 | TL 2x58W | 48 | 8160 | 170 | 4000 | 3x2.5 | 1.8 |
| 531000038500 | LEDWaterproof-P5-L15-48W-BLE2-857 | TL 2x58W | 48 | 8160 | 170 | 5700 | 3x2.5 | 1.8 |
| 531000039900 | LEDWaterproof-P5-L15-72W-BLE2-840 | TL 2x80W | 72 | 12240 | 170 | 4000 | 3x2.5 | 1.8 |
| 531000040100 | LEDWaterproof-P5-L15-72W-BLE2-857 | TL 2x80W | 72 | 12240 | 170 | 5700 | 3x2.5 | 1.8 |
| **Tunable White/Smart** | | | | | | | | |
| 531000036400 | LEDWaterproof-P5-L12-34W-BLE2-TW | TL 2x36W | 34 | 5780 | 170 | 3K-5.7K | 3x2.5 | 1.4 |
| 531000038600 | LEDWaterproof-P5-L15-48W-BLE2-TW | TL 2x58W | 48 | 8160 | 170 | 3K-5.7K | 3x2.5 | 1.8 |
| **Emergency kit 1 hour/On-Off** | | | | | | | | |
| 531000040600 | LEDWaterproof-P5-L06-12/22W-840-EM1 | TL 2x18W | 11 - 22 | 1980/3630 | 165 | 4000 | 4x2.5 | 1 |
| **Emergency kit 3 hour/On-Off** | | | | | | | | |
| 531000035500 | LEDWaterproof-P5-L12-22/34W-840-EM3 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4000 | 4x2.5 | 1.7 |
| 531000035700 | LEDWaterproof-P5-L12-22/34W-840-PLUS-EM3 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4000 | 5x2.5 | 1.7 |
| 531000035800 | LEDWaterproof-P5-L12-22/34W-840/857-EM3 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 4K/5.7K | 4x2.5 | 1.7 |
| 531000036000 | LEDWaterproof-P5-L12-22/34W-857-EM3 | TL 2x36W | 22 - 34 | 3740/5780 | 170 | 5700 | 4x2.5 | 1.7 |
| 531000037000 | LEDWaterproof-P5-L15-28/42W-840-EM3 | TL 2x58W | 28 - 42 | 4760/7140 | 170 | 4000 | 4x2.5 | 2.1 |
| 531000037200 | LEDWaterproof-P5-L15-28/42W-840/857-EM3 | TL 2x58W | 28 - 42 | 4760/7140 | 170 | 4K/5.7K | 4x2.5 | 2.1 |
| 531000037600 | LEDWaterproof-P5-L15-28/48W-840-PLUS-EM3 | TL 2x58W | 28 - 42 | 4760/8160 | 170 | 4000 | 5x2.5 | 2.1 |
| 531000037800 | LEDWaterproof-P5-L15-42/48W-840-EM3 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 4000 | 4x2.5 | 2.1 |
| 531000038000 | LEDWaterproof-P5-L15-42/48W-840/857-EM3 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 4K/5.7K | 4x2.5 | 2.1 |
| 531000038200 | LEDWaterproof-P5-L15-42/48W-857-EM3 | TL 2x58W | 42 - 48 | 7140/8160 | 170 | 5700 | 4x2.5 | 2.1 |
| 531000039200 | LEDWaterproof-P5-L15-62/72W-840-EM3 | TL 2x80W | 62 - 72 | 10540/12240 | 170 | 4000 | 4x2.5 | 2.1 |
| 531000039800 | LEDWaterproof-P5-L15-62/72W-857-EM3 | TL 2x80W | 62 - 72 | 10540/12240 | 170 | 5700 | 4x2.5 | 2.1 |
| **Emergency kit 3 hour/DALI2** | | | | | | | | |
| 531000036600 | LEDWaterproof-P5-L12-34W-DALI-840-EM3 | TL 2x36W | 34 | 5780 | 170 | 4000 | 5x2.5 | 1.7 |
| 531000038800 | LEDWaterproof-P5-L15-48W-DALI-840-EM3 | TL 2x58W | 48 | 8160 | 170 | 4000 | 5x2.5 | 2.1 |
| 531000040300 | LEDWaterproof-P5-L15-72W-DALI-840-EM3 | TL 2x80W | 72 | 12240 | 170 | 4000 | 5x2.5 | 2.1 |
| **Emergency kit 3 hour/Smart** | | | | | | | | |
| 531000036200 | LEDWaterproof-P5-L12-34W-BLE2-840-EM3 | TL 2x36W | 34 | 5780 | 170 | 4000 | 4x2.5 | 1.7 |
| 531000038400 | LEDWaterproof-P5-L15-48W-BLE2-840-EM3 | TL 2x58W | 48 | 8160 | 170 | 4000 | 4x2.5 | 2.1 |
| 531000040000 | LEDWaterproof-P5-L15-72W-BLE2-840-EM3 | TL 2x80W | 72 | 12240 | 170 | 4000 | 4x2.5 | 2.1 |

### Technical Specifications

| | |
|---|---|
| Lifetime (L70) | 100,000 h |
| Lifetime (L80) | 100,000 h |
| On-/Off-cycles | 100,000 |
| Colour consistency (SDCM) | 4 |
| Dimmability | On-Off / DALI2 / BLE2 |
| Beam angle | 120° |
| Finishing | Grey RAL 7035 |
| Colour rendering index (CRI) | > 80 |
| Ingress Protection (IP) | IP66 |
| Impact strength (IK) | IK08 |
| Protection class | II |
| Risk group (EN 62471) | RG0 |
| With control gear | Yes |
| Glow wire test | 850°C |
| Driver failure rate (at 5,000 hrs) | < 1% |
| Power factor | > 0.95 |
| Input wire Ø (mm²) | 1mm² - 2.5mm² |
| Input cable Ø (mm²) | 7 - 15.5 mm² |

### Electrical Supply

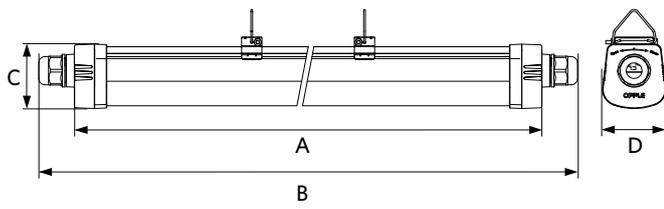| | |
|---|---|
| Frequency | 50 - 60 Hz |
| Nominal voltage | 220 - 240 V |
| DC input voltage | See catalogue appendix Connection Specifications |

### Mechanical Properties

| | |
|---|---|
| Housing material | Polycarbonate |
| Mounting clips | Stainless steel |

### Ambient Conditions

| | |
|---|---|
| Operating temperature | -30 ~ 45°C |
| Operating temperature (EM) | 0 ~ 45°C |
| Application temperature | 25°C |
| Storage environment | -30 ~ 60°C |
| Storage environment (EM) | 0 ~ 60°C |

WARRANTY 5 YEARS

# Dimensional Drawing (mm)



| Type | A | B | C | D |
|------|------|------|----|----|
| L600 | 600 | 680 | 73 | 71 |
| L1200 | 1200 | 1280 | 73 | 71 |
| L1500 | 1500 | 1580 | 73 | 71 |

# Product Highlights