

Simplitz® Waterproof V2 Datasheet



Simplitz® Waterproof V2 series is a flexible, sustainable and easily maintainable solution for humid and dusty environments. It is well-protected water, dust and impact with compact design. Installation and maintenance are made easily with dedicated structure design and flexible surface/suspended mounting options.

Benefits

Wide range of product options

- Different combination of power options to match different lumen requirements
- 4 powers: 17W/33W/28W/50W
- CCT: 4000K/5700K/6500K

Highly reliable and full protection

- IP65 waterproof
- IK08 impact resistance
- Up to 140 lm/W
- L70 @25°C - 50,000hrs of lumen maintenance

Easy installation and maintenance

- Slim profile, suitable for limited space
- Surface and suspended mounting

Visual comfort

- No LED hot spot

Applications

- Roofed outdoor areas
- General indoor lightings
- Wet and dusty environments
- Industrial areas
- Car parking areas

Simplitz® Waterproof V2

Technical Data

Optical Specifications

| | | 17W | 33W | 28W | 50W |
|------------------------|--------|-------------------|---------|---------|---------|
| Luminous Flux (ON/OFF) | @4000K | 2380 lm | 4620 lm | 3920 lm | 7000 lm |
| Luminous Flux (DALI) | @4000K | 2210 lm | 4290 lm | 3640 lm | 6500 lm |
| Efficacy (ON/OFF) | @4000K | 140 lm/W | | | |
| Efficacy (DALI) | @4000K | 130 lm/W | | | |
| CCT | | 4000K/5700K/6500K | | | |
| CRI | | >80 | | | |
| SDCM | | 5 | | | |
| Beam Angle | | 120° | | | |

Electrical and Mechanical Specifications

| | | | | | |
|-------------------|--------|---------------------|------|------|------|
| Input Voltage | | 220-240V AC 50/60Hz | | | |
| Power Consumption | | 17W | 33W | 28W | 50W |
| Power Factor | | >0.9 | | | |
| Surge Protection | | Line to line 3KV | | | |
| Dimensions (mm) | Length | 1188 | 1188 | 1468 | 1468 |
| | Width | 64 | 64 | 64 | 64 |
| | Height | 66 | 66 | 66 | 66 |
| Weight (ON/OFF) | (kg) | 0.90 | 0.90 | 1.04 | 1.04 |
| Weight (DALI) | (kg) | 1.03 | 1.03 | 1.19 | 1.25 |
| Cover Lens | | PC | | | |
| Brackets | | Stainless Steel | | | |
| Housing | | PC, White | | | |

System Specifications

| | | |
|-----------------------|--|--|
| Power | | 220-240V AC 50/60Hz |
| Control | | ON/OFF, DALI |
| Installation | | Surface and suspended mounting |
| Operating Temperature | | -30°C to +40°C |
| Storage Temperature | | -30°C to +80°C |
| Environment | | Indoor (IP65) |
| Lumen Maintenance | | L70 @25°C - 50,000hrs |
| Safety Approval | | Electrical Protection Class I, CB, CCC |

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

Simplitz® Waterproof V2

Dimensions

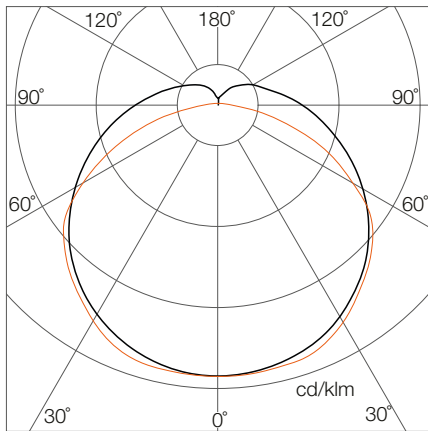


Dimensions

| | 17W | 33W | 28W | 50W |
|--------|------|------|------|------|
| L (mm) | 1188 | 1188 | 1468 | 1468 |
| W (mm) | 64 | 64 | 64 | 64 |
| H (mm) | 66 | 66 | 66 | 66 |

Photometrics

Light Distribution Curve



Illuminance at a distance

| | Center Beam Lux/klm | Beam Width | |
|------|---------------------|------------|--------|
| | | V | H |
| 0.5m | 925 | 2.62m | 1.98m |
| 1.0m | 231 | 5.24m | 3.96m |
| 1.5m | 103 | 7.86m | 5.94m |
| 2.0m | 58 | 10.47m | 7.92m |
| 2.5m | 37 | 13.09m | 9.90m |
| 3.0m | 26 | 15.71m | 11.88m |

● Horiz.Spread: 126.4°

● Vert.Spread: 138.2°

For feet multiply by 3.28

For fc divide by 10.7

Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

Ordering Codes

Fixture

| Short Text | Power | CCT | Beam Angle | IC | EAN10 | EAN40 |
|---|-------|-------|------------|-------------|---------------|---------------|
| SIM WP V2 17W 840 L1200 WH 9X1 OSRAM | 17W | 4000K | 120° | AM443850055 | 4062172265362 | 4062172265379 |
| SIM WP V2 17W 857 L1200 WH 9X1 OSRAM | 17W | 5700K | 120° | AM443860055 | 4062172265386 | 4062172265393 |
| SIM WP V2 17W 865 L1200 WH 9X1 OSRAM | 17W | 6500K | 120° | AM443870055 | 4062172265409 | 4062172265416 |
| SIM WP V2 33W 840 L1200 WH 9X1 OSRAM | 33W | 4000K | 120° | AM443880055 | 4062172265423 | 4062172265430 |
| SIM WP V2 33W 857 L1200 WH 9X1 OSRAM | 33W | 5700K | 120° | AM443890055 | 4062172265447 | 4062172265454 |
| SIM WP V2 33W 865 L1200 WH 9X1 OSRAM | 33W | 6500K | 120° | AM443900055 | 4062172265461 | 4062172265478 |
| SIM WP V2 28W 840 L1500 WH 9X1 OSRAM | 28W | 4000K | 120° | AM443910055 | 4062172265485 | 4062172265492 |
| SIM WP V2 28W 857 L1500 WH 9X1 OSRAM | 28W | 5700K | 120° | AM443920055 | 4062172265508 | 4062172265515 |
| SIM WP V2 28W 865 L1500 WH 9X1 OSRAM | 28W | 6500K | 120° | AM443930055 | 4062172265522 | 4062172265539 |
| SIM WP V2 50W 840 L1500 WH 9X1 OSRAM | 50W | 4000K | 120° | AM443940055 | 4062172265546 | 4062172265553 |
| SIM WP V2 50W 857 L1500 WH 9X1 OSRAM | 50W | 5700K | 120° | AM443950055 | 4062172265560 | 4062172265577 |
| SIM WP V2 50W 865 L1500 WH 9X1 OSRAM | 50W | 6500K | 120° | AM443960055 | 4062172265584 | 4062172265591 |
| SIM WP V2 17W 840 L1200 DA WH 9X1 OSRAM | 17W | 4000K | 120° | AM443970055 | 4062172265607 | 4062172265614 |
| SIM WP V2 17W 857 L1200 DA WH 9X1 OSRAM | 17W | 5700K | 120° | AM443980055 | 4062172265621 | 4062172265638 |
| SIM WP V2 17W 865 L1200 DA WH 9X1 OSRAM | 17W | 6500K | 120° | AM443990055 | 4062172265645 | 4062172265652 |
| SIM WP V2 33W 840 L1200 DA WH 9X1 OSRAM | 33W | 4000K | 120° | AM444000055 | 4062172265669 | 4062172265676 |
| SIM WP V2 33W 857 L1200 DA WH 9X1 OSRAM | 33W | 5700K | 120° | AM444010055 | 4062172265683 | 4062172265690 |
| SIM WP V2 33W 865 L1200 DA WH 9X1 OSRAM | 33W | 6500K | 120° | AM444020055 | 4062172265706 | 4062172265713 |
| SIM WP V2 28W 840 L1500 DA WH 9X1 OSRAM | 28W | 4000K | 120° | AM444030055 | 4062172265720 | 4062172265737 |
| SIM WP V2 28W 857 L1500 DA WH 9X1 OSRAM | 28W | 5700K | 120° | AM444040055 | 4062172265744 | 4062172265751 |
| SIM WP V2 28W 865 L1500 DA WH 9X1 OSRAM | 28W | 6500K | 120° | AM444050055 | 4062172265768 | 4062172265775 |
| SIM WP V2 50W 840 L1500 DA WH 9X1 OSRAM | 50W | 4000K | 120° | AM444060055 | 4062172265782 | 4062172265799 |
| SIM WP V2 50W 857 L1500 DA WH 9X1 OSRAM | 50W | 5700K | 120° | AM444070055 | 4062172265805 | 4062172265812 |
| SIM WP V2 50W 865 L1500 DA WH 9X1 OSRAM | 50W | 6500K | 120° | AM444080055 | 4062172265829 | 4062172265839 |