

## Simplitz® Waterproof Datasheet



IP65

Simplitz® Waterproof series is a flexible, sustainable, and easily maintainable solution with slim profile for humid and dusty environments. It is well-protected against water, dust and impact by extruded anti-UV high grade polycarbonate housing. Installation and maintenance are made easily with the dedicated structure design and flexible surface/suspended mounting options.

### Benefits

#### Product options

- Different combination of power options to match different lumen requirements

#### Highly reliable and full protection

- IP65 waterproof
- IK08 impact resistance
- 650°C glow wire test passed
- Extruded PC housing with anti-UV additives
- 50,000 hours lifetime

#### Energy saving

- High system efficacy, up to 120 lm/W

#### Easy installation and maintenance

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

#### Visual comfort

- No LED hot spot

### Applications

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

# Simplitz® Waterproof

## Technical Data

### Optical Specifications

		1200mm		1500mm	
		17W	33W	28W	50W
<b>Luminous Flux</b>	4000K	2000 lm	4000 lm	3400 lm	6000 lm
<b>Efficacy</b>		120 lm/W			
<b>CCT</b>		4000K, 6500K			
<b>CRI</b>		80			
<b>SDCM</b>		5			
<b>Beam Angle</b>		110°			

### Electrical and Mechanical Specifications

<b>Input Voltage</b>	220-240V AC 50/60Hz			
<b>Power Consumption</b>	17W	33W	28W	50W
<b>Power Factor</b>	>0.9			
<b>Total Harmonic Distortion</b>	<20%			
<b>Surge Protection</b>	Line-to-line 3KV			
<b>Dimensions (L x W x H)</b>	1200mm x 57mm x 67mm		1500mm x 57mm x 67mm	
<b>Weight</b>	860g		910g	
<b>Cover Lens</b>	PC			
<b>Brackets</b>	Stainless steel			
<b>Housing</b>	PC, Grey			

### System Specifications

<b>Power</b>	AC line
<b>Control</b>	ON/OFF only
<b>Mounting</b>	Surface and suspended mounting
<b>Operating Temperature</b>	-30°C to +40°C
<b>Storage Temperature</b>	-30°C to +80°C
<b>Environment</b>	IP65, IK08
<b>ECG Lifetime</b>	L70@25°C - 50,000hrs
<b>Safety Approval</b>	Electrical Protection Class II, CCC, CB

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.

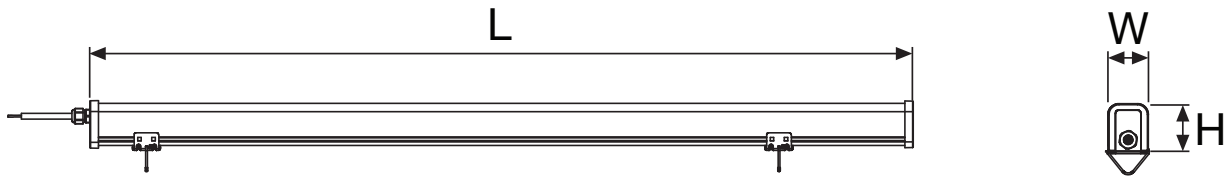
Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

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

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## Simplitz® Waterproof

### Dimensions



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### Dimensions

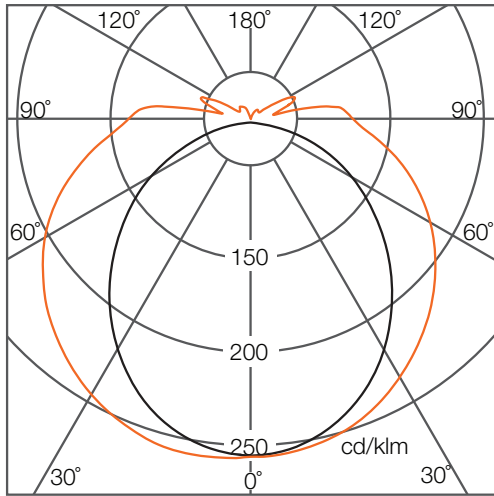
	1200mm	1500mm
<b>L</b>	1200mm	1500mm
<b>W</b>	57mm	
<b>H</b>	67mm	

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# Simplitz® Waterproof

## Photometrics

### Light Distribution Curve



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.

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## Simplitz® Waterproof Ordering Codes

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### Fixture

Short Text	Power	Length	CCT	Material	EAN10	EAN40
SIM WP 17W 840 L1200 GY 6X1 OSRAM	17W	1200mm	4000K	AM179740055	4052899587700	4052899587717
SIM WP 17W 865 L1200 GY 6X1 OSRAM	17W	1200mm	6500K	AM179760055	4052899587724	4052899587731
SIM WP 33W 840 L1200 GY 6X1 OSRAM	33W	1200mm	4000K	AM179770055	4052899587748	4052899587755
SIM WP 33W 865 L1200 GY 6X1 OSRAM	33W	1200mm	6500K	AM179790055	4052899587762	4052899587779
SIM WP 28W 840 L1500 GY 6X1 OSRAM	28W	1500mm	4000K	AM179800055	4052899587786	4052899587793
SIM WP 28W 865 L1500 GY 6X1 OSRAM	28W	1500mm	6500K	AM179820055	4052899587809	4052899587816
SIM WP 50W 840 L1500 GY 6X1 OSRAM	50W	1500mm	4000K	AM179830055	4052899587823	4052899587830
SIM WP 50W 865 L1500 GY 6X1 OSRAM	50W	1500mm	6500K	AM179850055	4052899587847	4052899587854