

Simplitz® Waterproof V2 Datasheet



IK08

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

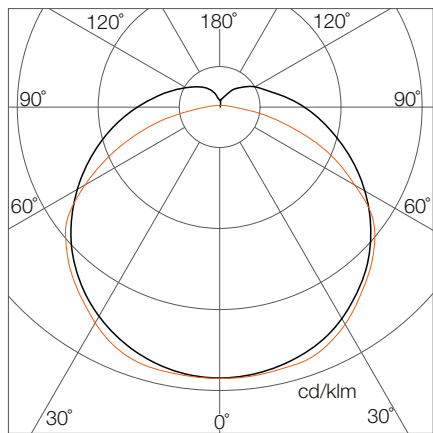


Dimensions

	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	4062172265379