



Simplitz® Waterproof V2 Datasheet



IP65 **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 @ 4ft	33W @ 4ft	28W @ 5ft	50W @ 5ft
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			
UGR		≤27			
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, L/N-Ground 2KV			
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	-20°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, RoHS

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

Dimension (Unit: mm)



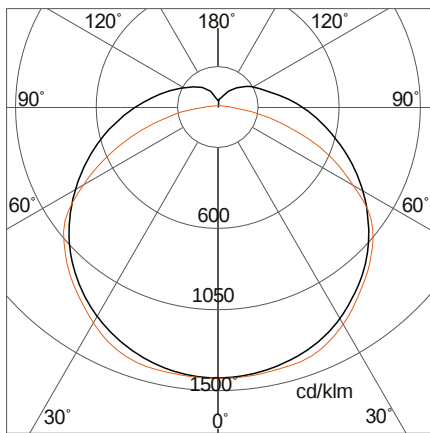
Dimensions

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

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Photometrics

Light Distribution Curve



Illuminance at 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

For feet multiply by 3.28

For fc divide by 10.7

■ Horiz.Spread: 126.4°
■ Vert.Spread: 138.2°

Simplitz® Waterproof V2

Ordering Codes

Fixture

Short Text	Power	CCT	Beam Angle	IC
SIM WP V2 17W 840 L1200 WH 9X1 OSRAM	17W	4000K	120°	GL24100856655
SIM WP V2 17W 857 L1200 WH 9X1 OSRAM	17W	5700K	120°	GL24100856755
SIM WP V2 17W 865 L1200 WH 9X1 OSRAM	17W	6500K	120°	GL24100856855
SIM WP V2 33W 840 L1200 WH 9X1 OSRAM	33W	4000K	120°	GL24100856955
SIM WP V2 33W 857 L1200 WH 9X1 OSRAM	33W	5700K	120°	GL24100857055
SIM WP V2 33W 865 L1200 WH 9X1 OSRAM	33W	6500K	120°	GL24100857155
SIM WP V2 28W 840 L1500 WH 9X1 OSRAM	28W	4000K	120°	GL24100857255
SIM WP V2 28W 857 L1500 WH 9X1 OSRAM	28W	5700K	120°	GL24100857355
SIM WP V2 28W 865 L1500 WH 9X1 OSRAM	28W	6500K	120°	GL24100857455
SIM WP V2 50W 840 L1500 WH 9X1 OSRAM	50W	4000K	120°	GL24100857555
SIM WP V2 50W 857 L1500 WH 9X1 OSRAM	50W	5700K	120°	GL24100857655
SIM WP V2 50W 865 L1500 WH 9X1 OSRAM	50W	6500K	120°	GL24100857755
SIM WP V2 17W 840 L1200 DA WH 9X1 OSRAM	17W	4000K	120°	GL24100903655
SIM WP V2 17W 857 L1200 DA WH 9X1 OSRAM	17W	5700K	120°	GL24100903755
SIM WP V2 17W 865 L1200 DA WH 9X1 OSRAM	17W	6500K	120°	GL24100903855
SIM WP V2 33W 840 L1200 DA WH 9X1 OSRAM	33W	4000K	120°	GL24100903955
SIM WP V2 33W 857 L1200 DA WH 9X1 OSRAM	33W	5700K	120°	GL24100904055
SIM WP V2 33W 865 L1200 DA WH 9X1 OSRAM	33W	6500K	120°	GL24100904155
SIM WP V2 28W 840 L1500 DA WH 9X1 OSRAM	28W	4000K	120°	GL24100904255
SIM WP V2 28W 857 L1500 DA WH 9X1 OSRAM	28W	5700K	120°	GL24100904355
SIM WP V2 28W 865 L1500 DA WH 9X1 OSRAM	28W	6500K	120°	GL24100904455
SIM WP V2 50W 840 L1500 DA WH 9X1 OSRAM	50W	4000K	120°	GL24100904555
SIM WP V2 50W 857 L1500 DA WH 9X1 OSRAM	50W	5700K	120°	GL24100904655
SIM WP V2 50W 865 L1500 DA WH 9X1 OSRAM	50W	6500K	120°	GL24100904755



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