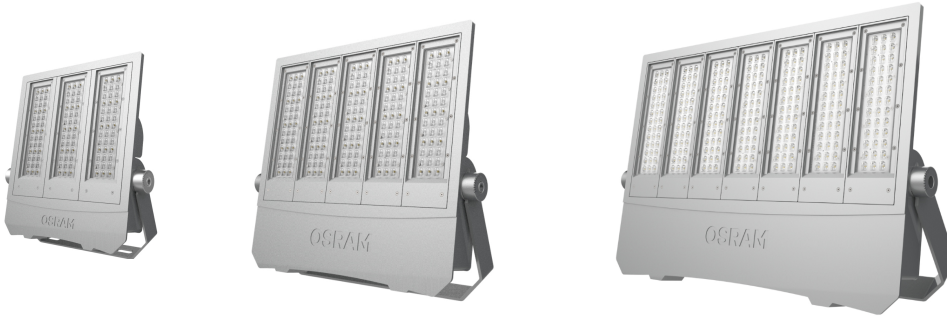


SIMPLITZ® LED Flood Light Datasheet



SIMPLITZ® LED Flood Light series, rated for outdoor use, the luminaires are designed to replace the traditional 100W, 250W and 400W HID flood lights with excellent energy savings. Special optical designs in slim, rugged aluminum alloy housing made to fit many forward lighting applications such as billboard illumination, flood lighting and façade lighting. Advertisers and store owners can rest assured that their important company messages will shine brightly through the night, all year round. The durable construction and remarkably long lifetime of SIMPLITZ® offers big savings in maintenance costs, particularly for hard-to-reach installation locations, such as building façades and rooftop billboards. The energy efficient SIMPLITZ® LED lighting with specially designed optics promises that the target area will be blanketed in smooth consistent light while the customer benefits from cost savings and a small carbon footprint.

Benefits

True traditional 100W, 250W and 400W HID flood light replacement

- Energy saving alternative to traditional flood lights with matching brightness level and more

Special designed optics of various applications

- Tailored light distribution with asymmetric optic for billboard lighting; symmetric optics for flood lighting and façade and building illumination

High efficiency options

- Up to 130 lm/W

IP66 protection

- Undergone rigorous testing to ensure dust & water ingress protection

Light weight and compact

- Lightest LED flood light in its class, and weight comparable to traditional flood lights

Tilt lockable yoke with aiming marks

- Mounting yoke with lockable aiming marks at 10° intervals for accurate light projection

Long lifetime

- Long life saving maintenance cost, particularly good for difficult to access locations such as façades and roof top billboards

Applications

- Billboard illuminations
- Flood lightings
- Façade and building illuminations
- Area lightings

SIMPLITZ® LED Flood Light

Technical Data

Optical Specifications

		SIMPLITZ S		SIMPLITZ M		SIMPLITZ L	
Luminous Flux	3000K	8950 lm	12,100 lm	18,800 lm	23,660 lm	28,970 lm	32,060 lm
	4000K	9270 lm	12,500 lm	19,500 lm	24,500 lm	30,000 lm	33,200 lm
	5700K	9460 lm	12,750 lm	19,890 lm	24,990 lm	30,600 lm	33,860 lm
Efficacy	3000K	128 lm/W	121 lm/W	125 lm/W	118 lm/W	121 lm/W	116 lm/W
	4000K	132 lm/W	125 lm/W	130 lm/W	123 lm/W	125 lm/W	119 lm/W
	5700K	135 lm/W	128 lm/W	133 lm/W	125 lm/W	128 lm/W	121 lm/W
CCT		3000K, 4000K, 5700K					
CRI		70 (CRI80 can be customized, but lumen output will be decreased at least 5%)					
SDCM		5					
Beam Angle		15° , 60° , 130° × 20°					

Electrical and Mechanical Specifications

Input Voltage	110-240V AC 50/60Hz						
Power Consumption	70W	100W	150W	200W	240W	280W	
Power Factor	>0.9						
Total Harmonic Distortion	<15%						
ESD Protection	Contact 4KV, air 8KV						
Surge Protection	Line-to-line 5KV, line-to-ground 10KV						
Dimensions	Length	385mm		425mm		455mm	
	Width	384mm		499mm		667mm	
	Height	62mm		62mm		62mm	
Weight	7.5kg		10kg		12kg		
Cover Lens	PC						
Housing	Die-casting aluminium housing, RAL9007						

System Specifications

Power	AC line
Dimmable	ON/OFF, *1-10V dimming
Mounting Type	Bracket mounting
Adjustment Option	+60° to -160°
Operating Temperature	-40°C to +50°C
Storage Temperature	-40°C to +85°C
Environment	Outdoor (IP66, IK09)
Lumen Maintenance	L70 @35°C - 50,000hrs
Safety Approval	Electrical Protection Class I, CB, CE, CQC, Photobiological safety, RoHS

Items with * are non-standard items and are available on request. Specification is subject to change due to continuous improvement.

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.

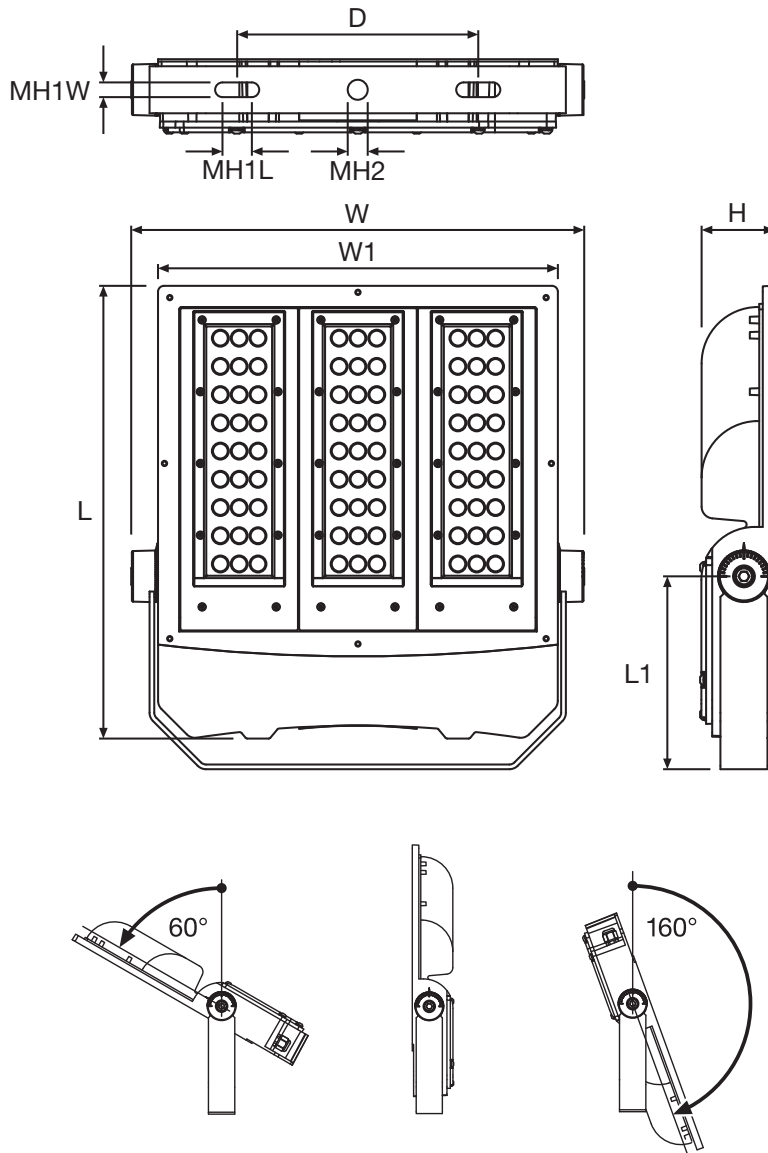
5/26 V1.1 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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SIMPLITZ® LED Flood Light

Dimensions

SIMPLITZ S



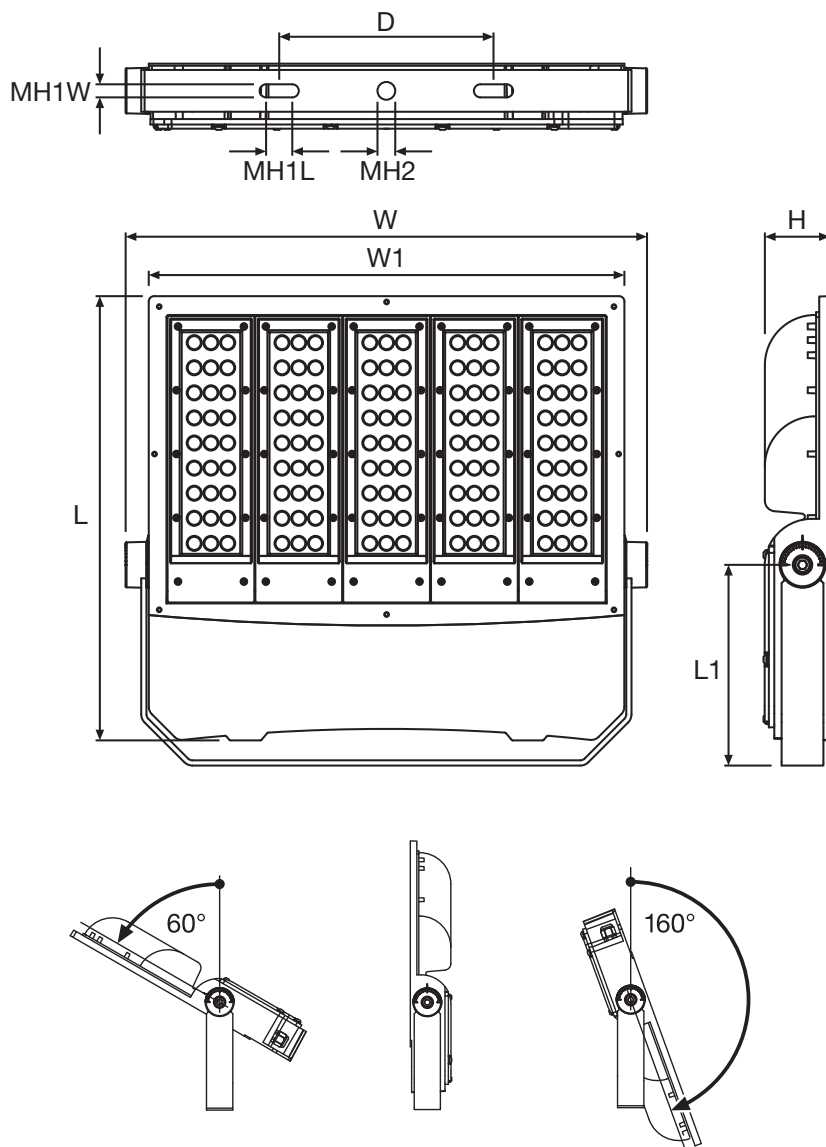
Dimensions

L	385mm
W	384mm
H	62mm
D	205mm
L1	164mm
W1	340mm
MH1L	25mm
MH1W	12.5mm
MH2	17mm

SIMPLITZ® LED Flood Light

Dimensions

SIMPLITZ M



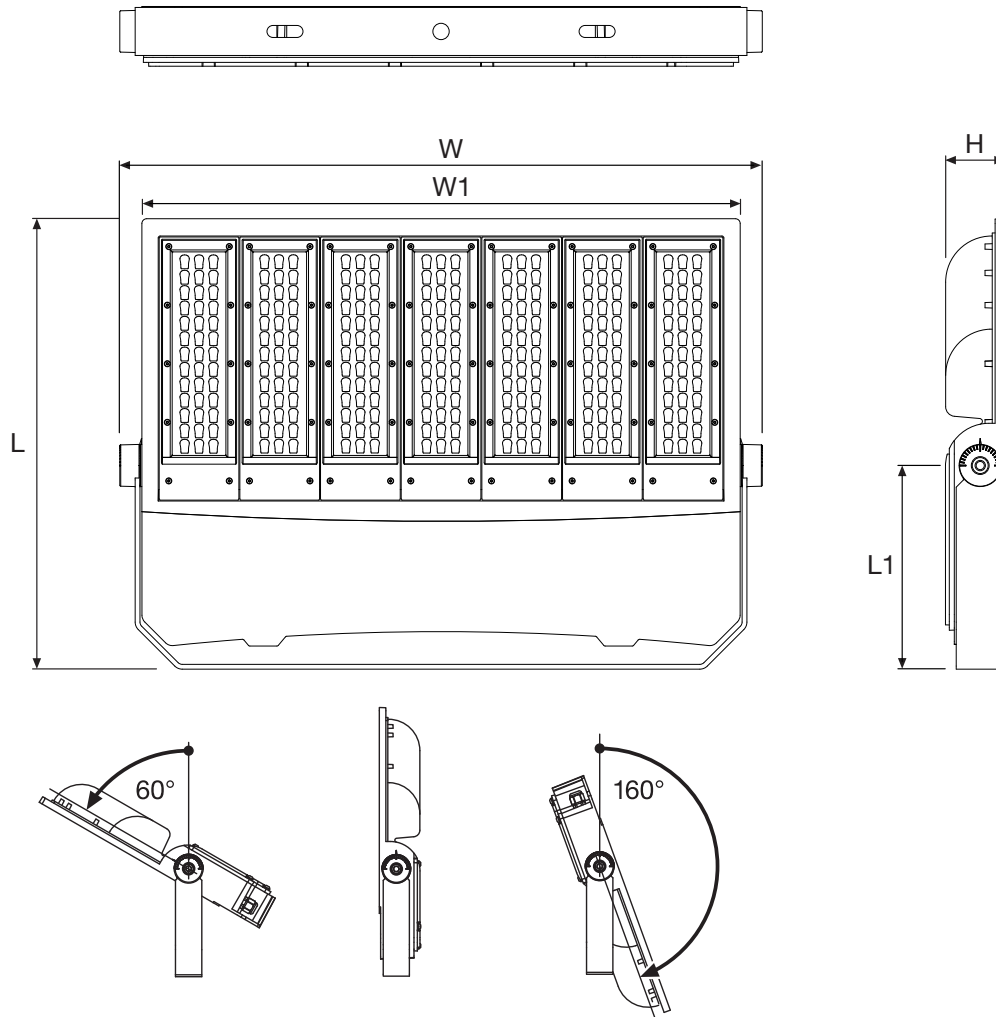
Dimensions

L	425mm
W	499mm
H	62mm
D	205mm
L1	192mm
W1	455mm
MH1L	25mm
MH1W	12.5mm
MH2	17mm

SIMPLITZ® LED Flood Light

Dimensions

SIMPLITZ L



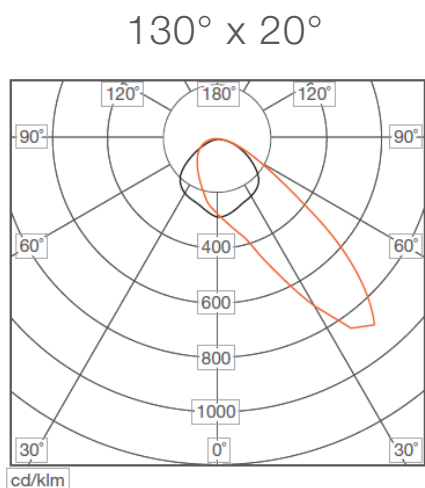
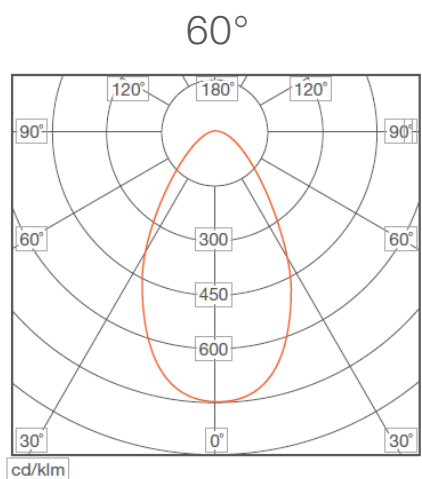
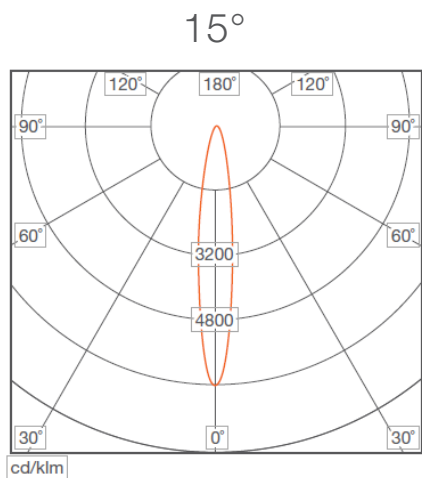
Dimensions

L	445mm
W	667mm
H	62mm
L1	212mm
W1	623mm

SIMPLITZ[®] LED Flood Light

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® LED Flood Light

Ordering Codes

Fixture (SIMPLITZ S)

Short Text	Power	CCT	Beam Angle	Material	EAN40
SIMPLITZ 70W 730 AS VS1 OSRAM	70W	3000K	130° × 20°	AM054240055	4052899495593
SIMPLITZ 70W 740 AS VS1 OSRAM	70W	4000K	130° × 20°	AM054250055	4052899495609
SIMPLITZ 70W 757 AS VS1 OSRAM	70W	5700K	130° × 20°	AM054260055	4052899495616
SIMPLITZ 70W 730 NB VS1 OSRAM	70W	3000K	15°	AM054270055	4052899495623
SIMPLITZ 70W 740 NB VS1 OSRAM	70W	4000K	15°	AM054280055	4052899495630
SIMPLITZ 70W 757 NB VS1 OSRAM	70W	5700K	15°	AM054290055	4052899495647
SIMPLITZ 70W 730 MB VS1 OSRAM	70W	3000K	60°	AM054300055	4052899495654
SIMPLITZ 70W 740 MB VS1 OSRAM	70W	4000K	60°	AM054310055	4052899495661
SIMPLITZ 70W 757 MB VS1 OSRAM	70W	5700K	60°	AM054320055	4052899495678
SIMPLITZ 100W 730 AS VS1 OSRAM	100W	3000K	130° × 20°	AM054330055	4052899495685
SIMPLITZ 100W 740 AS VS1 OSRAM	100W	4000K	130° × 20°	AM054340055	4052899495692
SIMPLITZ 100W 757 AS VS1 OSRAM	100W	5700K	130° × 20°	AM054350055	4052899495708
SIMPLITZ 100W 730 NB VS1 OSRAM	100W	3000K	15°	AM054360055	4052899495715
SIMPLITZ 100W 740 NB VS1 OSRAM	100W	4000K	15°	AM054770055	4052899495722
SIMPLITZ 100W 757 NB VS1 OSRAM	100W	5700K	15°	AM054370055	4052899495739
SIMPLITZ 100W 730 MB VS1 OSRAM	100W	3000K	60°	AM054380055	4052899495746
SIMPLITZ 100W 740 MB VS1 OSRAM	100W	4000K	60°	AM054390055	4052899495753
SIMPLITZ 100W 757 MB VS1 OSRAM	100W	5700K	60°	AM054400055	4052899495760

Fixture (SIMPLITZ M)

Short Text	Power	CCT	Beam Angle	Material	EAN40
SIMPLITZ 150W 730 AS VS1 OSRAM	150W	3000K	130° × 20°	AM054410055	4052899495777
SIMPLITZ 150W 740 AS VS1 OSRAM	150W	4000K	130° × 20°	AM054420055	4052899495784
SIMPLITZ 150W 757 AS VS1 OSRAM	150W	5700K	130° × 20°	AM054430055	4052899495791
SIMPLITZ 150W 730 NB VS1 OSRAM	150W	3000K	15°	AM054440055	4052899495807
SIMPLITZ 150W 740 NB VS1 OSRAM	150W	4000K	15°	AM054450055	4052899495814
SIMPLITZ 150W 757 NB VS1 OSRAM	150W	5700K	15°	AM054460055	4052899495821
SIMPLITZ 150W 730 MB VS1 OSRAM	150W	3000K	60°	AM054470055	4052899495838
SIMPLITZ 150W 740 MB VS1 OSRAM	150W	4000K	60°	AM054480055	4052899496347
SIMPLITZ 150W 757 MB VS1 OSRAM	150W	5700K	60°	AM054490055	4052899496354
SIMPLITZ 200W 730 AS VS1 OSRAM	200W	3000K	130° × 20°	AM054500055	4052899496392
SIMPLITZ 200W 740 AS VS1 OSRAM	200W	4000K	130° × 20°	AM054510055	4052899496415
SIMPLITZ 200W 757 AS VS1 OSRAM	200W	5700K	130° × 20°	AM054520055	4052899496422
SIMPLITZ 200W 730 NB VS1 OSRAM	200W	3000K	15°	AM054530055	4052899496439
SIMPLITZ 200W 740 NB VS1 OSRAM	200W	4000K	15°	AM054540055	4052899496446
SIMPLITZ 200W 757 NB VS1 OSRAM	200W	5700K	15°	AM054550055	4052899496453
SIMPLITZ 200W 730 MB VS1 OSRAM	200W	3000K	60°	AM054560055	4052899496460
SIMPLITZ 200W 740 MB VS1 OSRAM	200W	4000K	60°	AM054570055	4052899496477
SIMPLITZ 200W 757 MB VS1 OSRAM	200W	5700K	60°	AM054580055	4052899496484

SIMPLITZ® LED Flood Light

Ordering Codes

Fixture (SIMPLITZ L)

Short Text	Power	CCT	Beam Angle	Material	EAN40
SIMPLITZ 240W 730 AS VS1 OSRAM	240W	3000K	130° × 20°	AM054590055	4052899496491
SIMPLITZ 240W 740 AS VS1 OSRAM	240W	4000K	130° × 20°	AM054600055	4052899496507
SIMPLITZ 240W 757 AS VS1 OSRAM	240W	5700K	130° × 20°	AM054610055	4052899496514
SIMPLITZ 240W 730 NB VS1 OSRAM	240W	3000K	15°	AM054620055	4052899496521
SIMPLITZ 240W 740 NB VS1 OSRAM	240W	4000K	15°	AM054630055	4052899496538
SIMPLITZ 240W 757 NB VS1 OSRAM	240W	5700K	15°	AM054640055	4052899496545
SIMPLITZ 240W 730 MB VS1 OSRAM	240W	3000K	60°	AM054650055	4052899496552
SIMPLITZ 240W 740 MB VS1 OSRAM	240W	4000K	60°	AM054660055	4052899496569
SIMPLITZ 240W 757 MB VS1 OSRAM	240W	5700K	60°	AM054670055	4052899496576
SIMPLITZ 280W 730 AS VS1 OSRAM	280W	3000K	130° × 20°	AM054680055	4052899496583
SIMPLITZ 280W 740 AS VS1 OSRAM	280W	4000K	130° × 20°	AM054690055	4052899496590
SIMPLITZ 280W 757 AS VS1 OSRAM	280W	5700K	130° × 20°	AM054700055	4052899496606
SIMPLITZ 280W 730 NB VS1 OSRAM	280W	3000K	15°	AM054710055	4052899496613
SIMPLITZ 280W 740 NB VS1 OSRAM	280W	4000K	15°	AM054720055	4052899496620
SIMPLITZ 280W 757 NB VS1 OSRAM	280W	5700K	15°	AM054730055	4052899496631
SIMPLITZ 280W 730 MB VS1 OSRAM	280W	3000K	60°	AM054740055	4052899496638
SIMPLITZ 280W 740 MB VS1 OSRAM	280W	4000K	60°	AM054750055	4052899496645
SIMPLITZ 280W 757 MB VS1 OSRAM	280W	5700K	60°	AM054760055	4052899496652