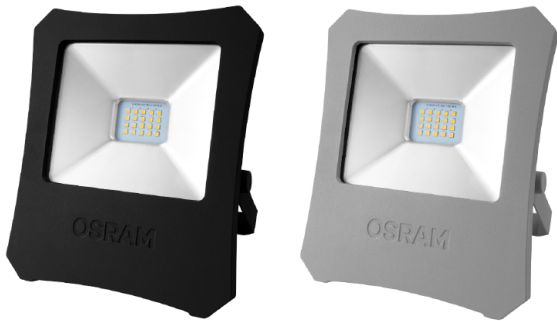


LUXCOMFO™ LED Flood Light

Datasheet



LUXCOMFO™ LED Flood Light is a very cost-effective LED flood light series. The IP65 outdoor rated flood lights are designed to replace traditional halogen lamps with excellent energy and cost savings. Robust design makes it slim and nice look but strong and IP65 protected. The durable construction and long lifetime offer big savings in maintenance costs when compared to traditional lamps for buildings façades and flood lighting.

Benefits

Energy saving

- Perfect substitution for halogen lights
- Excellent brightness and low energy consumption, ideal for replacing traditional halogen lamps

Elegant design

- Customized cover with different color to hide luminaire in daytime

High reliability and low maintenance cost

- 30,000hrs long lifetime
- Test proven IP65 dust and water ingress rating

Flexible mounting options

- Adjustable luminaire allow almost infinite mounting position with no mounting height limitation

Applications

- Warehouses
- Workshops
- Public areas
- Offices
- Shops
- Residential areas

LUXCOMFO™ LED Flood Light

Technical Data

Optical Specifications

		20W	30W	60W
Luminous Flux	3000K	1600 lm	2000 lm	4200 lm
	4000K	1650 lm	2050 lm	4300 lm
	5700K	1700 lm	2100 lm	4400 lm
Efficacy	3000K	80 lm/W	67 lm/W	70 lm/W
	4000K	83 lm/W	68 lm/W	72 lm/W
	5700K	85 lm/W	70 lm/W	73 lm/W
CCT		3000K, 4000K, 5700K		
CRI		80		
Beam Angle		120°		

Electrical and Mechanical Specifications

Input Voltage	220-240V AC 50/60Hz			
Power Consumption	20W	30W	60W	
Power Factor	≥0.95			
Total Harmonic Distortion	≤15%			
Surge Protection	Line-to-line 1.5KV, Line-to-ground 3KV			
Dimensions	Length	200mm	200mm	310mm
	Width	166mm	166mm	260mm
	Height	47mm	47mm	60mm
Weight	1.24kg	1.24kg	2.875kg	
Cover Lens	Clear glass cover			
Housing	Aluminium housing, Black (RAL9004) / Grey (RAL9006)			

System Specifications

Power	AC line		
Dimmable	ON/OFF only		
Mounting Type	Surface mounting with bracket		
Mounting Diameter	83mm-93mm	83mm-93mm	71mm-105mm
Operating Temperature	-25°C to +40°C		
Storage Temperature	-40°C to +60°C		
Environment	Outdoor (IP65)		
Lumen Maintenance	L70@30°C - 30,000hrs		
Safety Approval	Electrical Protection Class I, CB, CE, CQC, 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.

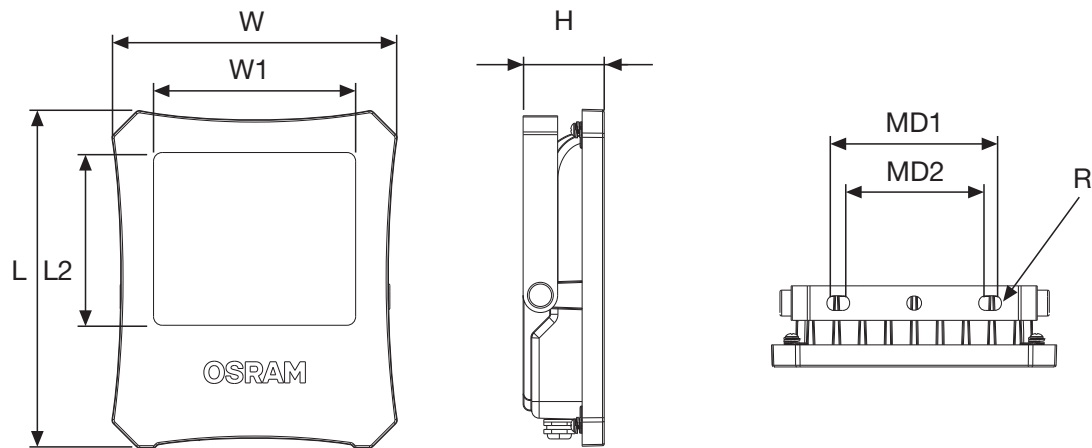
Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

10/16 V1.0 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

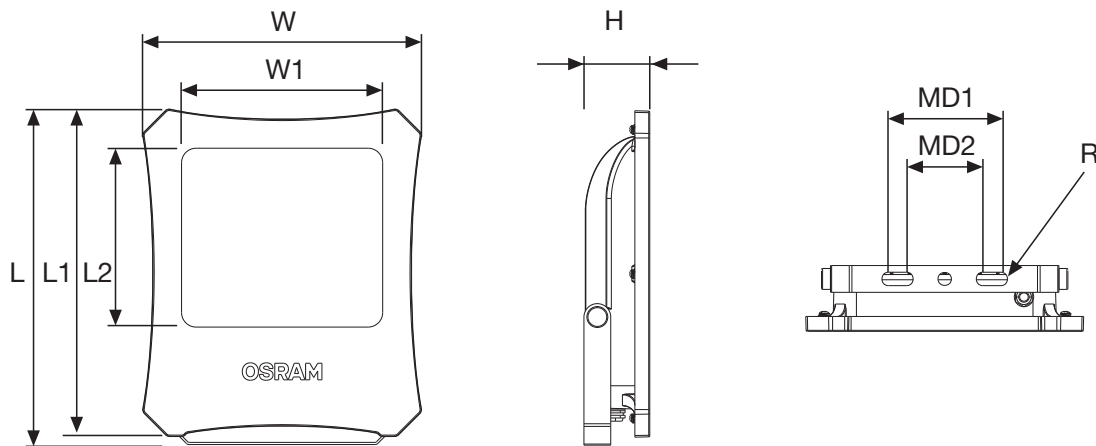
LUXCOMFO™ LED Flood Light

Dimensions

20W / 30W



60W



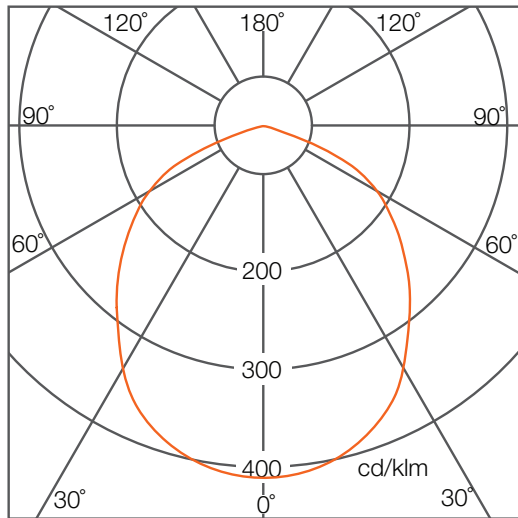
Dimensions

	20W / 30W	60W
L	195mm	312mm
W	165mm	259mm
H	47mm	61mm
L1	N/A	305mm
L2	100mm	166mm
W1	117mm	187mm
MD1	93mm	105mm
MD2	83mm	71mm
R	4.3mm	6.3mm

LUXCOMFO™ LED Flood Light

Photometrics

Light Distribution Curve (3000K, 4000K, 5700K)



Illuminance at a distance (3000K, 4000K, 5700K)

	Center Beam Lux/klm	Beam Width
0.5m	1677	1.23m
1m	419	2.45m
1.5m	186	3.68m
2m	105	4.90m
2.5m	67	6.13m
3m	47	7.36m

● Horiz. Spread: 101.6°
For fc divide by 10.7

For feet multiply by 3.28

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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LUXCOMFO™ LED Flood Light

Ordering Codes

Fixture (APAC Version)

Short Text	Power	CCT	Housing Color	Material	EAN10	EAN40
LUXCOMFO LED FLOOD 20W 830 BK 12X1 OSRAM	20W	3000K	Black	AB392310055	4052899353794	4052899353800
LUXCOMFO LED FLOOD 20W 830 GY 12X1 OSRAM	20W	3000K	Grey	AB392300055	4052899353831	4052899353848
LUXCOMFO LED FLOOD 20W 840 GY 12X1 OSRAM	20W	4000K	Grey	AB392320055	4052899353855	4052899353862
LUXCOMFO LED FLOOD 20W 840 BK 12X1 OSRAM	20W	4000K	Black	AB392330055	4052899353879	4052899353886
LUXCOMFO LED FLOOD 20W 857 GY 12X1 OSRAM	20W	5700K	Grey	AB392340055	4052899353893	4052899353909
LUXCOMFO LED FLOOD 20W 857 BK 12X1 OSRAM	20W	5700K	Black	AB392350055	4052899353916	4052899353923
LUXCOMFO LED FLOOD 30W 830 GY 12X1 OSRAM	30W	3000K	Grey	AB392360055	4052899353930	4052899353947
LUXCOMFO LED FLOOD 30W 830 BK 12X1 OSRAM	30W	3000K	Black	AB392370055	4052899353954	4052899353961
LUXCOMFO LED FLOOD 30W 840 GY 12X1 OSRAM	30W	4000K	Grey	AB392380055	4052899353978	4052899353985
LUXCOMFO LED FLOOD 30W 840 BK 12X1 OSRAM	30W	4000K	Black	AB392390055	4052899353992	4052899354005
LUXCOMFO LED FLOOD 30W 857 GY 12X1 OSRAM	30W	5700K	Grey	AB392400055	4052899354012	4052899354029
LUXCOMFO LED FLOOD 30W 857 BK 12X1 OSRAM	30W	5700K	Black	AB392410055	4052899354036	4052899354043
LUXCOMFO LED FLOOD 60W 830 GY 6X1 OSRAM	60W	3000K	Grey	AB392420055	4052899354050	4052899354067
LUXCOMFO LED FLOOD 60W 830 BK 6X1 OSRAM	60W	3000K	Black	AB392430055	4052899354074	4052899354081
LUXCOMFO LED FLOOD 60W 840 GY 6X1 OSRAM	60W	4000K	Grey	AB392440055	4052899354098	4052899354104
LUXCOMFO LED FLOOD 60W 840 BK 6X1 OSRAM	60W	4000K	Black	AB392450055	4052899354111	4052899354128
LUXCOMFO LED FLOOD 60W 857 GY 6X1 OSRAM	60W	5700K	Grey	AB392460055	4052899354135	4052899354142
LUXCOMFO LED FLOOD 60W 857 BK 6X1 OSRAM	60W	5700K	Black	AB392470055	4052899354159	4052899354166

Fixture (CN Version)

Short Text	Power	CCT	Housing Color	Material	EAN10	EAN40
LUXCOMFO LED FLOOD 20W 830GY CN12X1OSRAM	20W	3000K	Grey	AB392480055	4052899353459	4052899353466
LUXCOMFO LED FLOOD 20W 830BK CN12X1OSRAM	20W	3000K	Black	AB392490055	4052899353473	4052899353480
LUXCOMFO LED FLOOD 20W 840GY CN12X1OSRAM	20W	4000K	Grey	AB392500055	4052899353534	4052899353541
LUXCOMFO LED FLOOD 20W 840BK CN12X1OSRAM	20W	4000K	Black	AB392550055	4052899353558	4052899353565
LUXCOMFO LED FLOOD 20W 857GY CN12X1OSRAM	20W	5700K	Grey	AB392560055	4052899353572	4052899353589
LUXCOMFO LED FLOOD 20W 857BK CN12X1OSRAM	20W	5700K	Black	AB392570055	4052899353596	4052899353602
LUXCOMFO LED FLOOD 30W 830GY CN12X1OSRAM	30W	3000K	Grey	AB392580055	4052899353619	4052899353626
LUXCOMFO LED FLOOD 30W 830BK CN12X1OSRAM	30W	3000K	Black	AB392590055	4052899353633	4052899353640
LUXCOMFO LED FLOOD 30W 840GY CN12X1OSRAM	30W	4000K	Grey	AB392600055	4052899353657	4052899353664
LUXCOMFO LED FLOOD 30W 840BK CN12X1OSRAM	30W	4000K	Black	AB392610055	4052899353671	4052899353688
LUXCOMFO LED FLOOD 30W 857GY CN12X1OSRAM	30W	5700K	Grey	AB392620055	4052899353695	4052899353701
LUXCOMFO LED FLOOD 30W 857BK CN12X1OSRAM	30W	5700K	Black	AB392630055	4052899353718	4052899353725
LUXCOMFO LED FLOOD 60W 830 GY CN6X1OSRAM	60W	3000K	Grey	AB392640055	4052899353732	4052899353749
LUXCOMFO LED FLOOD 60W 830 BK CN6X1OSRAM	60W	3000K	Black	AB392650055	4052899353756	4052899353763
LUXCOMFO LED FLOOD 60W 840 GY CN6X1OSRAM	60W	4000K	Grey	AB392660055	4052899353770	4052899353787
LUXCOMFO LED FLOOD 60W 840 BK CN6X1OSRAM	60W	4000K	Black	AB392670055	4052899353817	4052899353824
LUXCOMFO LED FLOOD 60W 857 GY CN6X1OSRAM	60W	5700K	Grey	AB392280055	4052899354456	4052899354463
LUXCOMFO LED FLOOD 60W 857 BK CN6X1OSRAM	60W	5700K	Black	AB392290055	4052899354470	4052899354487