

PRODUCT DATASHEETFLOODLIGHT 20 W 4000 K IP65 WT

FLOODLIGHT 20 | Floodlight with symmetrical light output with 20 W



AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

PRODUCT BENEFITS

- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 3 years guarantee

PRODUCT FEATURES

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK07
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Operating mode	Integrated LED driver
Nominal voltage	220240 V
Power factor λ	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	83
Max. no. of lum. on circuit break. C10 A	66
Max. no. of lum. on circuit break. C16 A	106
Inrush current	19.0 A
Total harmonic distortion	< 25 %

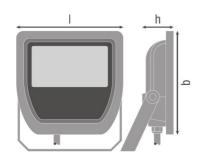
Photometrical data

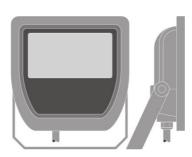
Color temperature	4000 К
Luminous flux	2200 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	≥80

Light technical data

Ī	Beam angle	100 ° x 100 °

Dimensions & weight

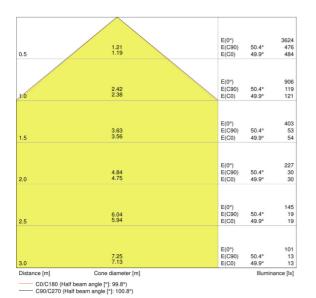


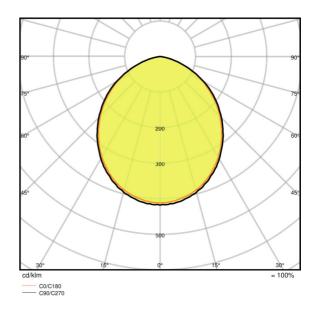


Length	130.0 mm
Width	140.0 mm
Height	41.0 mm
Product weight	560.00 g

Cable length	1000 mm		
Colors & materials			
Body material	Aluminum/Polycarbonate (PC)		
Product color	White		
Housing color	White		
Cover material	Tempered glass		
Temperatures & operating conditions			
Ambient temperature range	-20+50 °C		
Lifespan			
Number of switching cycles	100000		
Lifespan L70/B50 at 25 °C	50000 h		
Lifespan L80/B10 at 25 °C	30000 h		
Lifespan L90/B10 at 25 °C	15000 h		
Additional product data			
Mounting type	Surface		
Mounting location	Wall / Ceiling / Floor		
Capabilities			
Adjustable	Yes		
Dimmable	No		
Type of connection	Cable, 3-pole		
LED module replaceable	Not replaceable		
Certificates & standards			
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Certificates & standards Protection class IK (shock resistance)	IK07		
	IK07 650 °C		
Protection class IK (shock resistance)			
Protection class IK (shock resistance) Glow Wire Test according to IEC 695-2-1	650 °C		
Protection class IK (shock resistance) Glow Wire Test according to IEC 695-2-1 Photobiological safety group EN62778	650 °C RG 1		
Protection class IK (shock resistance) Glow Wire Test according to IEC 695-2-1 Photobiological safety group EN62778 Photobio. safety group acc. to EN62471	650 °C RG 1 RG 0		
Protection class IK (shock resistance) Glow Wire Test according to IEC 695-2-1 Photobiological safety group EN62778 Photobio. safety group acc. to EN62471 Protection class	650 °C RG 1 RG 0		

Light Distribution





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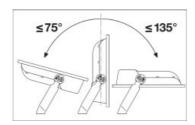
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097506	Folding carton box 1	46 mm x 146 mm x 197 mm	611.00 g	1.32 dm³
4058075097513	Shipping carton box 10	309 mm x 255 mm x 228 mm	6660.00 g	17.97 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION





REFERENCES / LINKS

For Guarantee see

www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.