

PRODUCT DATASHEET

FLOODLIGHT 20 W 3000 K IP65 BK S

FLOODLIGHT SENSOR 20 | Floodlight with symmetrical light output with 20 W and motion and daylight sensor



Areas of application

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

Product benefits

- Easy adjustment of range, daylight and motion detection via rotary switch
- Frosted cover made of tempered glass for uniform illumination
- 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

- Symmetrical beam angle: 100° x 100°
- Luminaire efficacy: up to 110 lm/W
- PIR motion detector and daylight sensor
- Deactivation of the sensor by switch setting
- Angled (30°) mounting bracket and up to 180° tilting



- Type of protection: IP65
- Impact resistance: IK07
- Ambient temperature in operation: -20...+40 °C
- Connection via 1 m cable, wiring required

TECHNICAL DATA

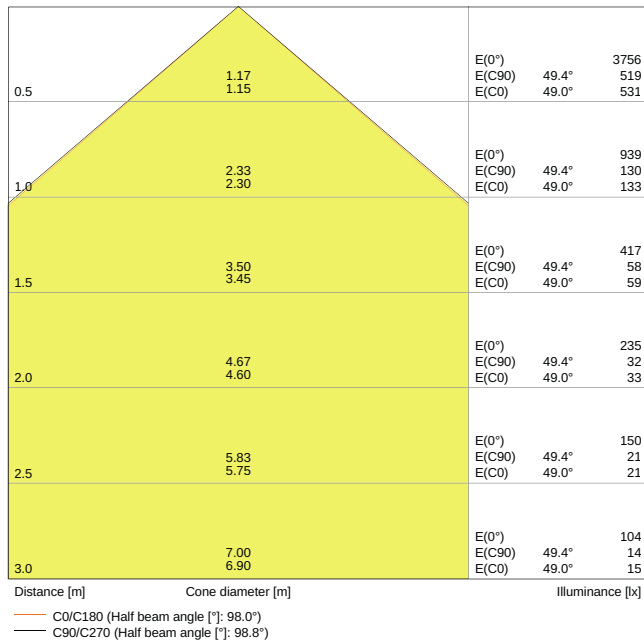
Electrical data

Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	96 mA
Inrush current	17 A
Inrush current time T_{h50}	400 μ s
Max. no. of lum. on circuit break. B16 A	10
Max. no. of lum. on circuit break. C10 A	10
Max. no. of lum. on circuit break. C16 A	16
Power factor λ	≥ 0.90
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

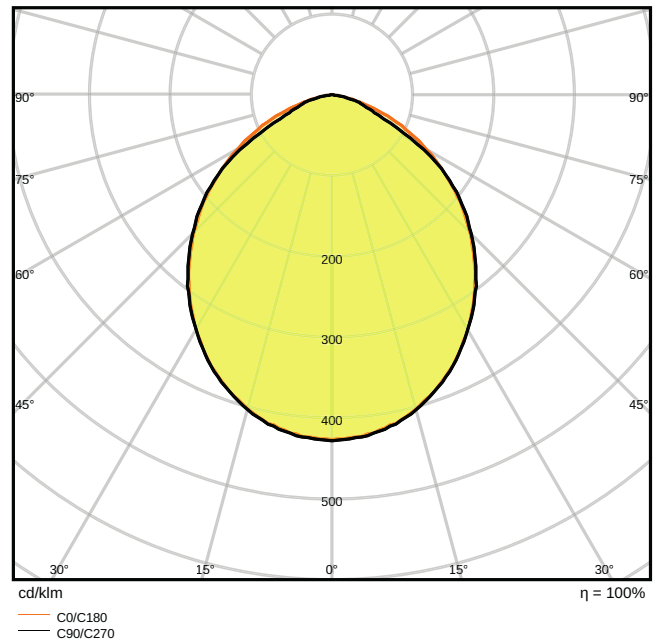
Photometrical data

Luminous flux	2200 lm
Luminous efficacy	110 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 ° x 100 °





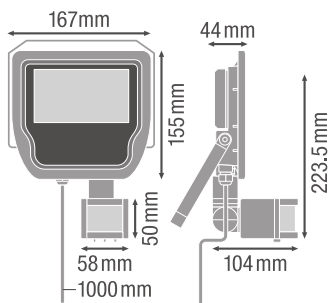
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Dimensions & Weight

Length	223.50 mm
Width	167.00 mm
Height	104.00 mm
Product weight	560.00 g
Cable length	1000 mm



Materials & Colors

Product color	Black
Housing color	Black
Body material	Polycarbonate (PC)
Cover material	Tempered glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-40...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling
Adjustable	Yes
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	30000 h
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	50000

Sensor











Type of sensor	Motion / Light
Sensor technology	Infrared/Photocell
Sensor detection angle	110 °
Detection range of motion sensor	0...12 m
Detection threshold of daylight sensor	0...1000 lx
Sensor IP rating	IP65

Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
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Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction User Instruction Floodlight LED 100 DEG
	Tender documents Tender Text 4058075143531
	Certificates CE Certificate Floodlight Sensor 100 DEG
	Declarations of conformity EU Declaration of Conformity Floodlight sensor 100 DEG LEDV
	IES file (IES) Floodlight LED 20W 3000K BK S IP65
	LDT file (Eulumdat) Floodlight LED 20W 3000K BK S IP65
	R3D file (Relux 3D Model) Floodlight 20w sensor
	M4D file (3D Model with rotation axis) Floodlight_20W_Sensor
	ULD file (DIALux) FLOODLIGHTSENSOR2020W3000KIP65BK5
	UGR file (UGR table) Floodlight LED 20W 3000K BK S IP65

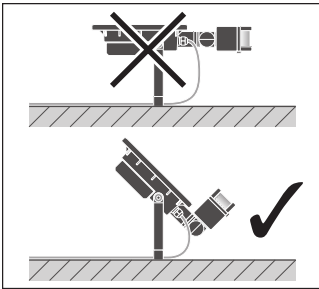
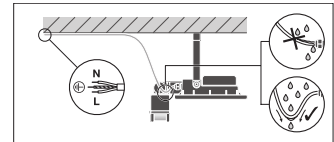
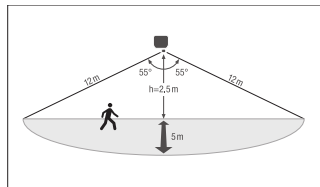
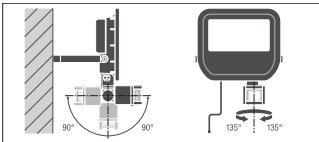
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075143531	Folding box 1	253 mm x 185 mm x 66 mm	622.00 g	3.09 dm ³
4058075143548	Shipping box 10	389 mm x 355 mm x 275 mm	6780.00 g	37.98 dm ³

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.