

# PRODUCT DATASHEET

## FLOODLIGHT 20 W 4000 K IP65 BK S

FLOODLIGHT SENSOR 20 | Luminaire with symmetrical light output with 20 W and sensor



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### 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

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### PRODUCT BENEFITS

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Frosted cover made of tempered glass for uniform illumination
- Easy adjustment of range, daylight and motion detection via rotary switch
- 3 years guarantee

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### PRODUCT FEATURES

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- PIR motion and daylight sensor
- Deactivation of the sensor by switch setting
- Mounting bracket for 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

<b>Nominal wattage</b>	20.00 W
<b>Operating mode</b>	Electronic control gear (ECG)
<b>Nominal voltage</b>	220...240 V
<b>Power factor <math>\lambda</math></b>	$\geq 0.90$
<b>Mains frequency</b>	50/60 Hz

### Photometrical data

<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	2200 lm
<b>Luminous efficacy</b>	110 lm/W
<b>Standard deviation of color matching</b>	$\leq 5$ sdc <sub>m</sub>
<b>Light color (designation)</b>	Cool White
<b>Color rendering index Ra</b>	$\geq 80$
<b>Luminous efficacy of lamp in luminaire</b>	110 lm/W

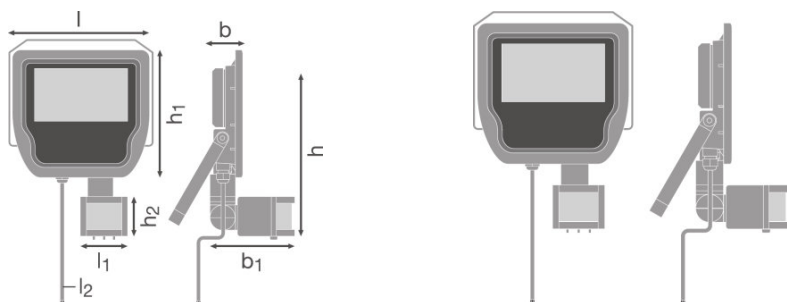
### Light technical data

<b>Beam angle</b>	100 ° x 100 °
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### Luminaire sensor data

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

Dimensions & weight



<b>Length</b>	223.5 mm
<b>Width</b>	167.0 mm
<b>Height</b>	104.0 mm
<b>Product weight</b>	560.00 g
<b>Cable length</b>	1000 mm

Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Housing color</b>	Black
<b>Product color</b>	Black
<b>Cover material</b>	TEMPERED GLASS

Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...40 °C
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Lifespan

<b>Lifespan L70 at 25 °C</b>	50000 h
<b>Lifespan L80 at 25 °C</b>	30000 h
<b>Lifespan L90 at 25 °C</b>	15000 h

Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Wall / Floor
<b>Product remark</b>	Available from July 2018

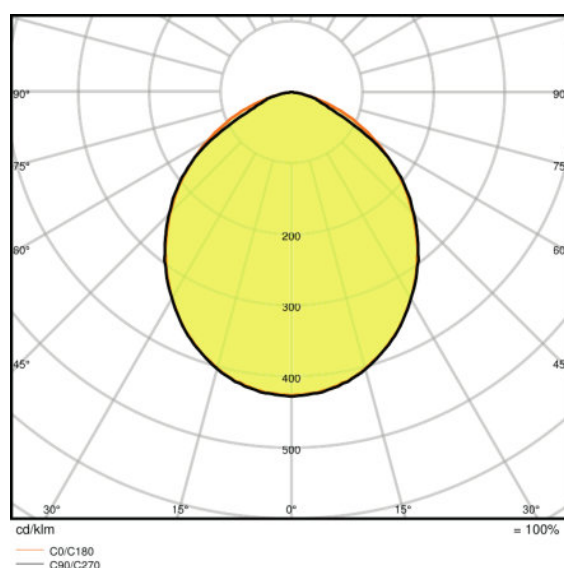
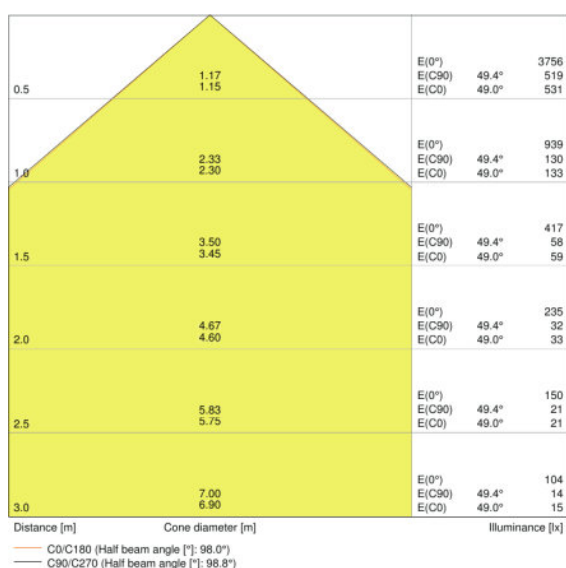
Capabilities

<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

Certificates & standards

Protection class IK (shock resistance)	IK07
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP65
Standards	CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075143555	FLOODLIGHT 20 W 4000 K IP65 BK S	Shipping carton box 10	388 mm x 347 mm x 275 mm	37.02 dm <sup>3</sup>	6780.00 g

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.

REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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