

# PRODUCT DATASHEET

## FLOODLIGHT 20 W 3000 K IP65 BK S

**FLOODLIGHT MOTION SENSOR 20 | Luminaire with symmetrical light distribution with 20 W and motion and daylight 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

Nominal wattage	20.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.90$
Mains frequency	50/60 Hz

### Photometrical data

Color temperature	3000 K
Luminous flux	2200 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$

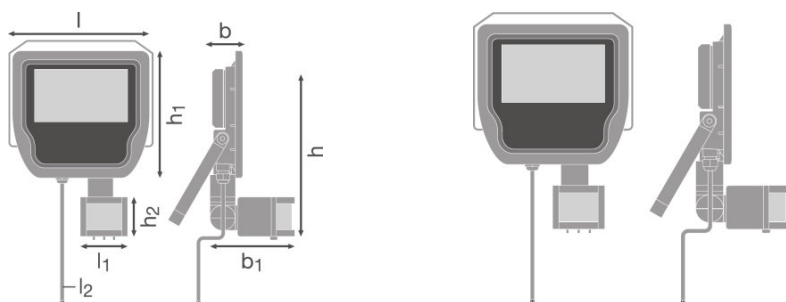
### Light technical data

Beam angle	100 ° x 100 °
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### Luminaire sensor data

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

### 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 / Ceiling

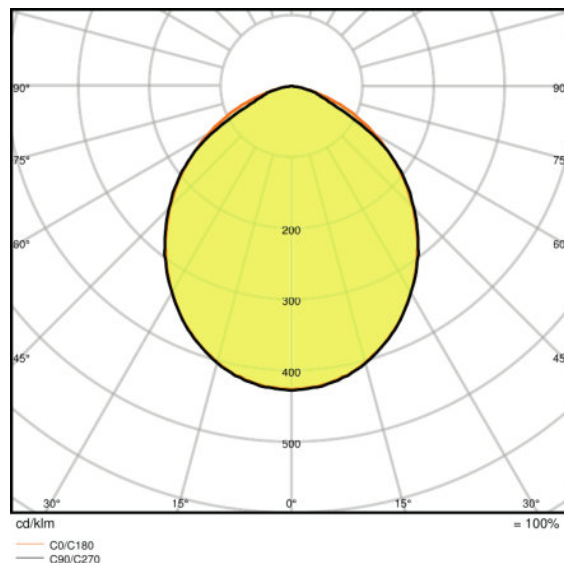
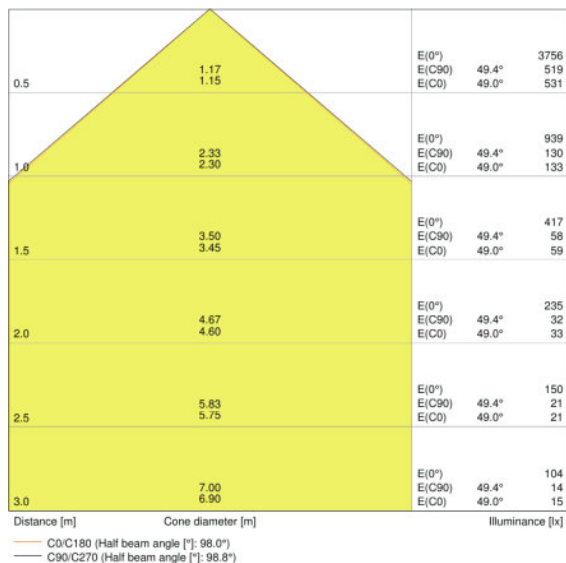
#### Capabilities

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

#### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK07
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 1
<b>Photobio. safety group acc. to EN62471</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP65
<b>Standards</b>	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075143531	Folding carton box 1	253 mm x 185 mm x 66 mm	622.00 g	3.09 dm <sup>3</sup>
4058075143548	Shipping carton box 10	388 mm x 347 mm x 275 mm	6780.00 g	37.02 dm <sup>3</sup>

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.