

# PRODUCT DATASHEET

## FLOODLIGHT VALUE Sensor 50 W 4000 K IP44 BK

FLOODLIGHT VALUE SENSOR | Floodlight with motion and daylight sensor



### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Public areas
- Building facades
- Construction areas

### PRODUCT BENEFITS

- Energy savings of up to 80 % compared to halogen lamp floodlights
- Semi-frosted, tempered glass cover for uniform illumination
- Quick and simple installation thanks to low profile, compact and light weight design
- Demand optimized illumination due to flexible and programmable sensor
- 3 years guarantee

### PRODUCT FEATURES

- PIR motion detector and daylight sensor
- Luminous efficacy: up to 90 lm/W
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting
- Type of protection: IP44
- Impact resistance: IK06 (10 W to 50 W), IK08 (from 100 W)
- Ambient temperature in operation: -10...+40 °C



## TECHNICAL DATA

### Electrical data

Nominal wattage	50.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	$\geq 0.90$
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	20
Max. no. of lum. on circuit break. C10 A	12
Max. no. of lum. on circuit break. C16 A	20
Inrush current	6.0 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	102 $\mu$ s

### Photometrical data

Color temperature	4000 K
Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Standard deviation of color matching	<6 sdc <sub>m</sub>
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$

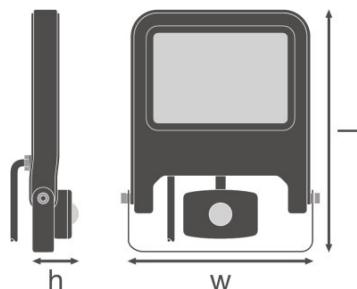
### Light technical data

Beam angle	110 ° x 110 °
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### Luminaire sensor data

Type of sensor	Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	120 °
Detection range of motion sensor	2...9 m
Detection threshold of daylight sensor	10...2000 lx
Sensor controlled switching time	10 s...10 min
Sensor IP rating	IP44

Dimensions & weight



<b>Length</b>	253.0 mm
<b>Width</b>	191.0 mm
<b>Height</b>	70.0 mm
<b>Product weight</b>	1150.00 g
<b>Cable length</b>	500 mm

Colors & materials

<b>Body material</b>	Aluminum
<b>Product color</b>	Black
<b>Housing color</b>	Black
<b>Cover material</b>	Glass

Temperatures & operating conditions

<b>Ambient temperature range</b>	-10...+40 °C
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Lifespan

<b>Number of switching cycles</b>	10000
<b>Lifespan L70/B50 at 25 °C</b>	30000 h

Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Wall / Ceiling / Floor

Capabilities

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

Certificates & standards

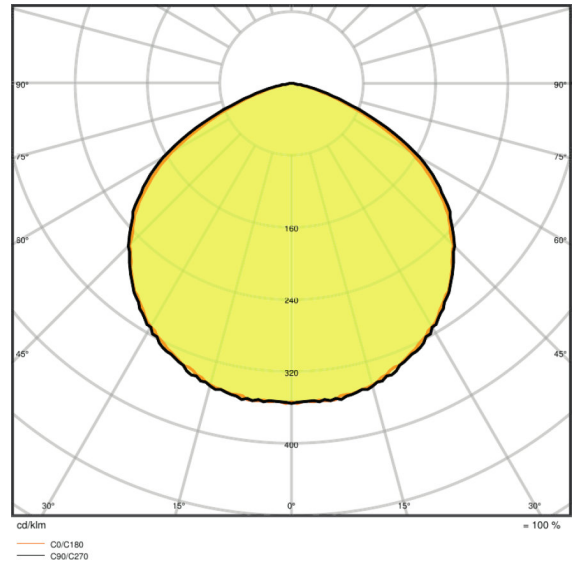
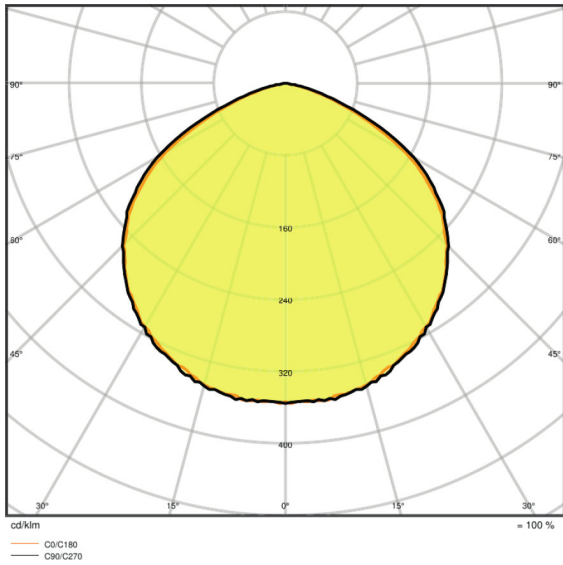
Protection class IK (shock resistance)	IK06
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 1
Protection class	I
Type of protection	IP44
Luminaire with limited surface temperature, class "D"	No
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ cone



LDC typ polar

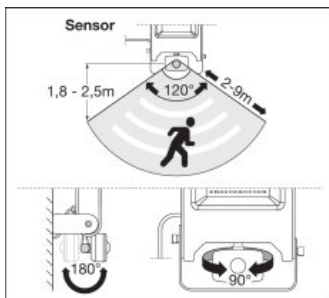
LDC typ polar

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075268746	Folding carton box 1	80 mm x 217 mm x 279 mm	1233.00 g	4.84 dm <sup>3</sup>
4058075268753	Shipping carton box 8	445 mm x 330 mm x 295 mm	10098.00 g	43.32 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.

**ADDITIONAL CATALOG INFORMATION**



**REFERENCES / LINKS**

For Guarantee see

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

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**DISCLAIMER**

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