

# PRODUCT DATASHEET

## FLOODLIGHT LED 50 W 4000 K BK SENSOR

LEDVANCE FLOODLIGHT LED SENSOR | LED floodlights



### AREAS OF APPLICATION

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

### PRODUCT BENEFITS

- High luminous efficacy
- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light
- 3 years guarantee

### PRODUCT FEATURES

- Microprismatic optics
- PIR motion and daylight sensor
- Type of protection: IP65
- Impact resistance: IK07
- Black polycarbonate housing, tempered glass cover
- Ambient temperature in operation: -20...+50 °C



## TECHNICAL DATA

### Electrical data

<b>Operating mode</b>	Electronic control gear (ECG)
<b>Nominal wattage</b>	50.00 W
<b>Nominal voltage</b>	220...240 V
<b>Mains frequency</b>	50/60 Hz
<b>Power factor <math>\lambda</math></b>	>0.95

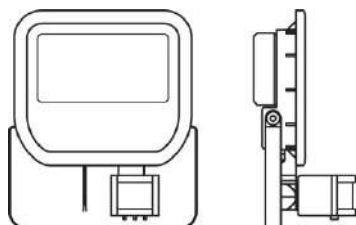
### Photometrical data

<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	4750 lm
<b>Light color (designation)</b>	Cool White
<b>Color rendering index Ra</b>	>80
<b>Standard deviation of color matching</b>	$\leq 5$ sdcn

### Light technical data

<b>Beam angle</b>	100.00 °
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### Dimensions & weight



<b>Length</b>	216.0 mm
<b>Width</b>	251.0 mm
<b>Height</b>	62.0 mm

### Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Product color</b>	Black
<b>Cover material</b>	Glass

### Temperatures & operating conditions

Ambient temperature range	-20...50 °C
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Lifespan

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

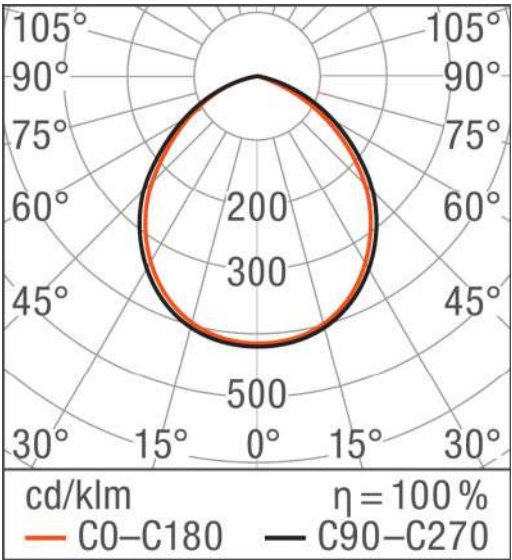
Capabilities

Dimmable	No
Type of sensor	Passive infrared (PIR) / Motion / Day/Night
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

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

Light Distribution



LDC typ polar

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**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075814738	FLOODLIGHT LED 50 W 4000 K BK SENSOR	Shipping carton box 10	488 mm x 342 mm x 286 mm	47.73 dm <sup>3</sup>	16376.00 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.

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**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.