

# PRODUCT DATASHEET

## FLOODLIGHT 50 W 3000 K IP65 BK S

**FLOODLIGHT SENSOR 50 | Floodlight with symmetrical light output with 50 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 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	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	7
Max. no. of lum. on circuit break. C10 A	7
Max. no. of lum. on circuit break. C16 A	12
Inrush current	22.0 A
Total harmonic distortion	< 25 %
Inrush current time $T_{h50}$	460 $\mu$ s

### Photometrical data

Color temperature	3000 K
Luminous flux	5500 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$

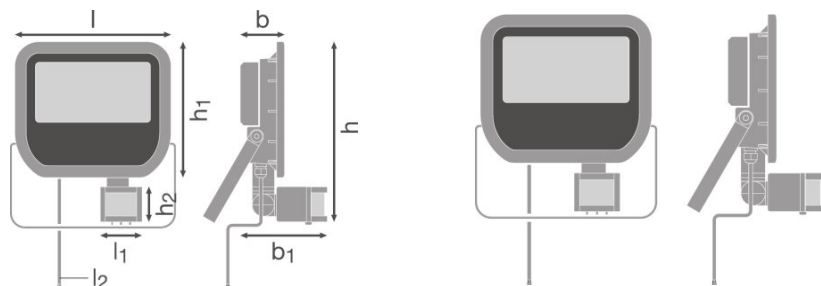
### Light technical data

Beam angle	100 ° x 100 °
------------	---------------

### 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>	251.0 mm
<b>Width</b>	216.0 mm
<b>Height</b>	122.0 mm
<b>Product weight</b>	930.00 g
<b>Cable length</b>	1000 mm

Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Product color</b>	Black
<b>Housing color</b>	Black
<b>Cover material</b>	Tempered glass

Temperatures & operating conditions

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

Lifespan

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

Additional product data

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

Capabilities

<b>Adjustable</b>	Yes
<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole

<b>LED module replaceable</b>	Not replaceable
-------------------------------	-----------------

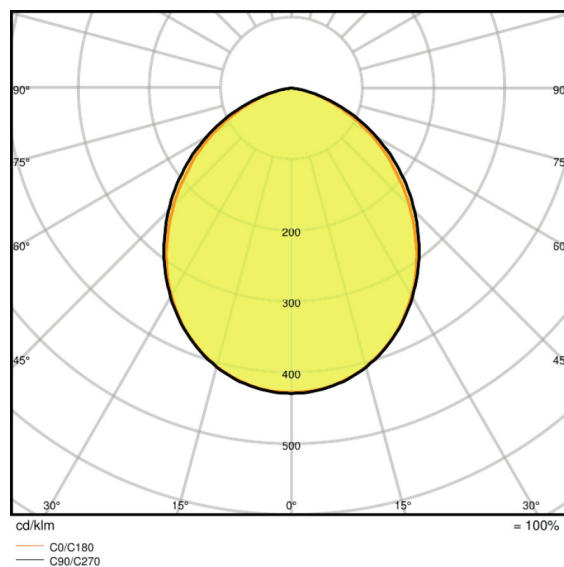
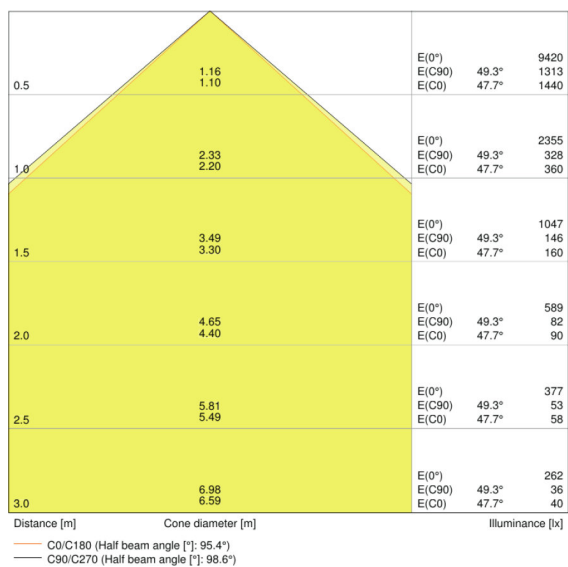
Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK07
<b>Glow Wire Test according to IEC 60695-2-12</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>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/TÜV SÜD/EAC/RoHS

Logistical data

<b>Temperature range at storage</b>	-40...+70 °C
-------------------------------------	--------------

Light Distribution



LDC typ cone

LDC typ polar

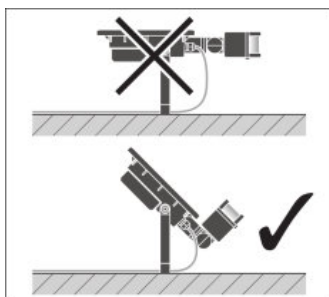
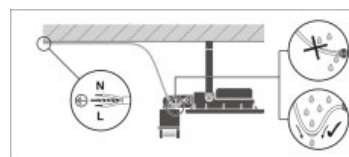
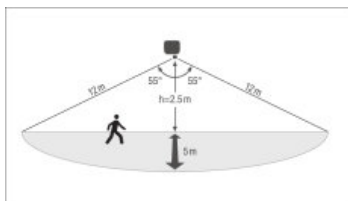
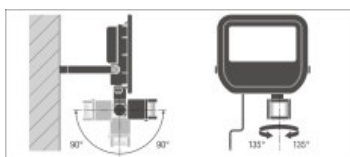
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075143579	Folding carton box 1	269 mm x 237 mm x 66 mm	1010.00 g	4.21 dm <sup>3</sup>

4058075143586	Shipping carton box 10	488 mm x 342 mm x 286 mm	10740.00 g	47.73 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)

**DISCLAIMER**

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