PRODUCT DATASHEET
FLOODLIGHT 50 W 3000 K IP65 BK S

FLOODLIGHT MOTION SENSOR 50 | Luminaire with symmetrical light distribution 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

- 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

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



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– 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 λ	≥0.90
Mains frequency	50/60 Hz

Photometrical data

Color temperature	3000 K
Luminous flux	5500 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Warm White
Color rendering index Ra	≥80

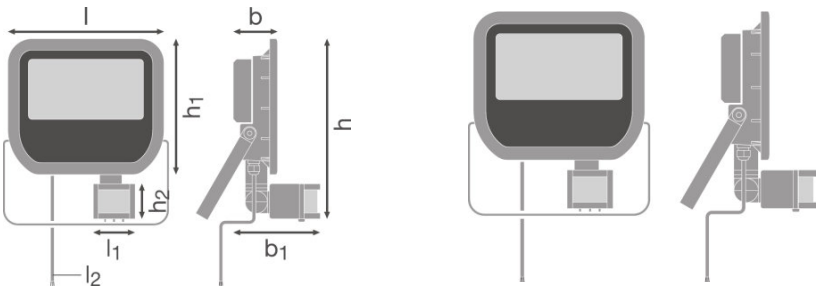
Light technical data

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



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Length	251.0 mm
Width	216.0 mm
Height	122.0 mm
Product weight	930.00 g
Cable length	1000 mm

Colors & materials

Body material	Polycarbonate (PC)
Housing color	Black
Product color	Black
Cover material	Tempered glass

Temperatures & operating conditions

Ambient temperature range	-20…40 °C

Lifespan

Lifespan L70 at 25 °C	50000 h
Lifespan L80 at 25 °C	30000 h
Lifespan L90 at 25 °C	15000 h

Additional product data

Mounting type	Surface
Mounting location	Wall / Ceiling

Capabilities

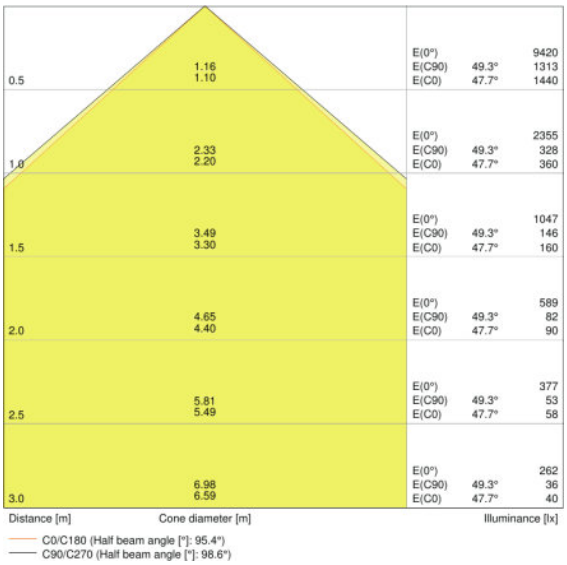
Dimmable	No
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

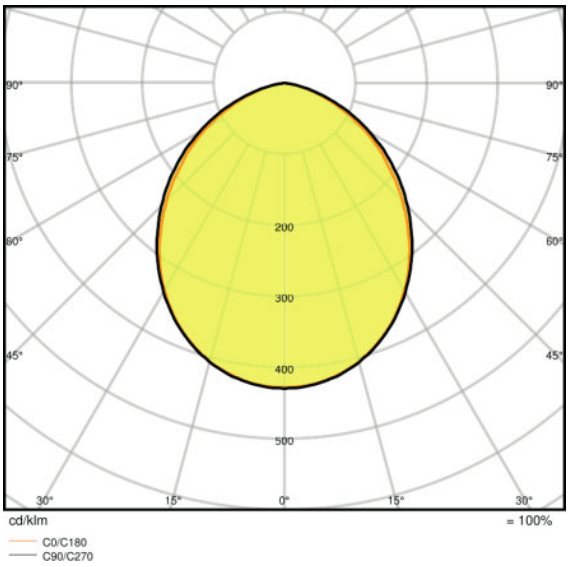
Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 695-2-1	650 °C
Photobiological safety group	RG 1
Photobio. safety group acc. to EN62471	RG 0
Protection class	I
Type of protection	IP65
Standards	CE/CB/TÜV SÜD/EAC/RoHS

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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
4058075143579	FLOODLIGHT 50 W 3000 K IP65 BK S	Shipping carton box 10	488 mm x 342 mm x 286 mm	47.73 dm^3	10740.00 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

DISCLAIMER

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

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