

PRODUCT DATASHEET

FLOODLIGHT 50 W 4000 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 λ	≥ 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 μ s

Photometrical data

Color temperature	4000 K
Luminous flux	5500 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	≤ 5 sdcn
Light color (designation)	Cool White
Color rendering index Ra	≥ 80

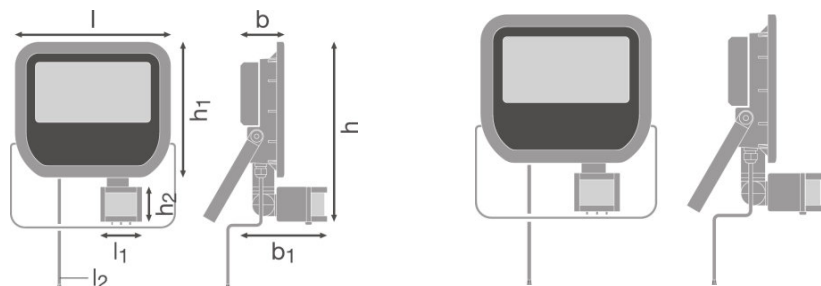
Light technical data

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



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)
Product color	Black
Housing color	Black
Cover material	Tempered glass

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

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

Additional product data

Mounting type	Surface
Mounting location	Wall / Ceiling

Capabilities

Adjustable	Yes
Dimmable	No
Type of connection	Cable, 3-pole

LED module replaceable	Not replaceable
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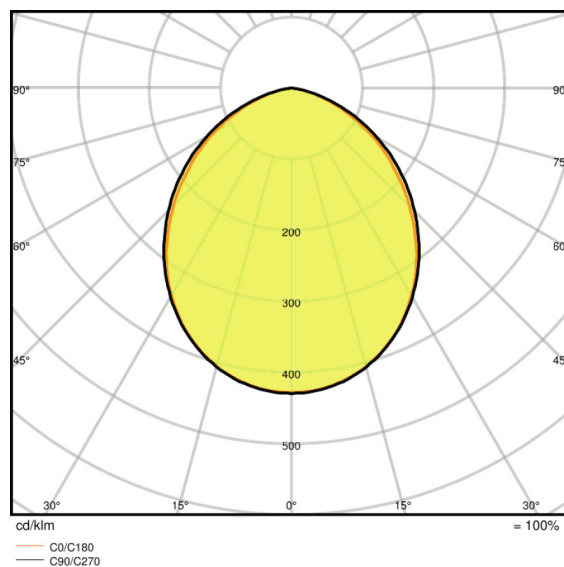
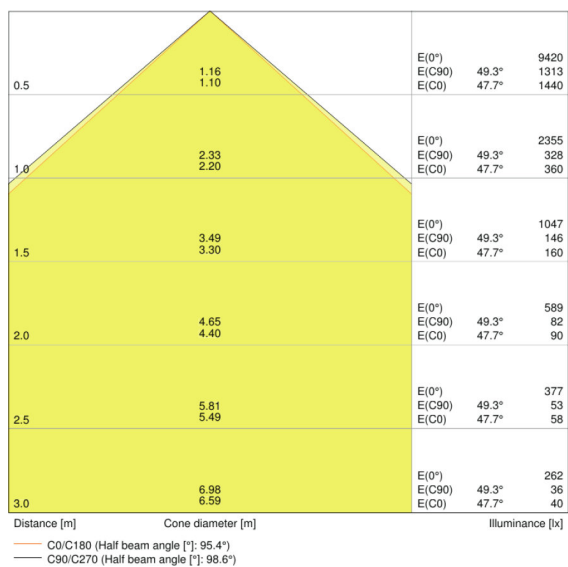
Certificates & standards

Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 1
Photobio. safety group acc. to EN62471	RG 0
Protection class	I
Type of protection	IP65
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/TÜV SÜD/EAC/RoHS

Logistical data

Temperature range at storage	-40...+70 °C
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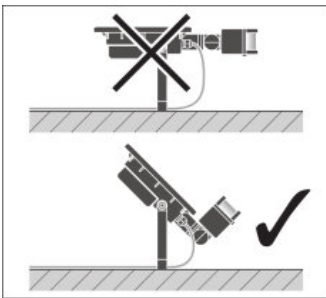
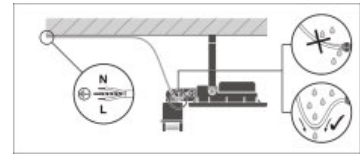
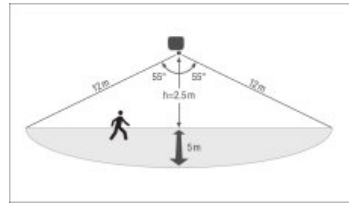
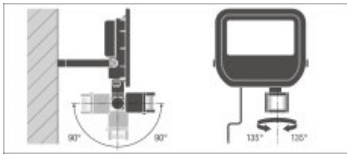
Light Distribution



LDC typ cone

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ADDITIONAL CATALOG INFORMATION



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.