

PRODUCT DATASHEET

FLOODLIGHT LED 20 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 detector 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

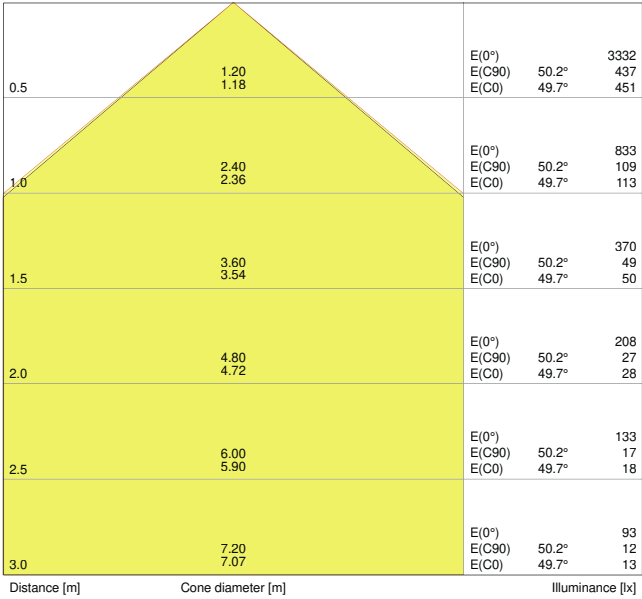
Electrical data

Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	250.000 mA
Max. no. of lum. on circuit break. B16 A	75
Max. no. of lum. on circuit break. C10 A	57
Max. no. of lum. on circuit break. C16 A	91
Power factor λ	> 0.95
Protection class	I
Operating mode	Electronic control gear (ECG)

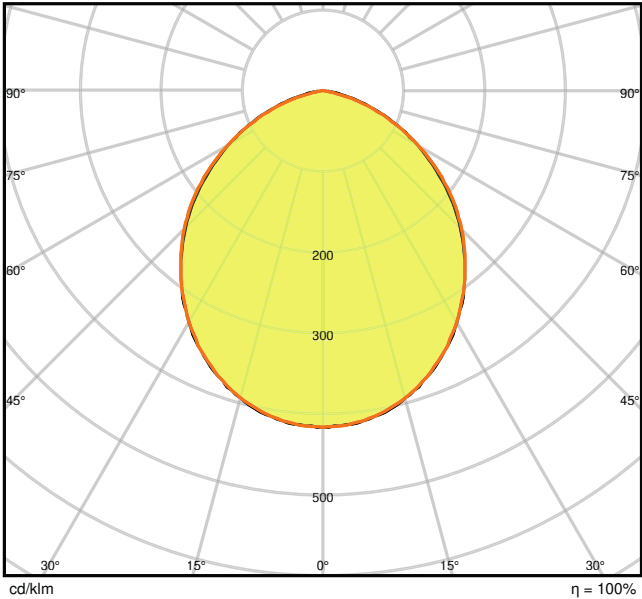
Photometrical data

Luminous flux	1900 lm
Luminous efficacy	95 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Photobiological safety group acc. to EN62778	RG0
Beam angle	100 °





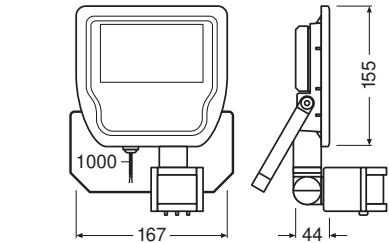
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LDC typ polar

Dimensions & Weight

Length	167.00 mm
Width	223.50 mm
Height	44.00 mm
Product weight	820.00 g
Cable length	1000 mm



Materials & Colors



Product color	Black
Housing color	Black
Body material	Polycarbonate (PC)
Cover material	Glass
Light emitting surface material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Floor
Application environment	Outdoor
LED module replaceable	Not replaceable

Lifespan

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

Sensor

Type of sensor	Motion / Light
Sensor technology	Passive infrared (PIR)
Sensor detection angle	110 °
Sensor controlled switching time	5 s...12 min
Detection range of motion sensor	3...12 m
Detection threshold of daylight sensor	4...1000 lx
Sensor IP rating	IP65

Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
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DOWNLOAD DATA



DOWNLOAD DATA



User instruction



Declarations Of Conformity CE



On-Pack-Info



LDT file (Eulumdat)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075814691	Folding box 1	253 mm x 185 mm x 66 mm	1024.00 g	3.09 dm ³
4058075814707	Shipping box 10	388 mm x 347 mm x 275 mm	9377.00 g	37.02 dm ³

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.

