PRODUCT DATASHEET
FLOODLIGHT LED 20 W 4000 K BK

LEDVANCE FLOODLIGHT LED | LED floodlight luminaires



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light

PRODUCT FEATURES

- Luminaire efficacy: up to 100 lm/W
- Beam angle: 100°
- Type of protection: IP65



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TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Operating mode	Electronic control gear (ECG)
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz

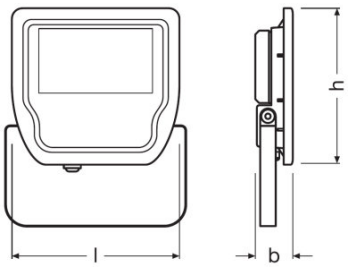
Photometrical data

Color temperature	4000 K
Luminous flux	2000 lm
Luminous efficacy	100 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	≥80

Light technical data

Beam angle	100 °

Dimensions & weight



Length	167.0 mm
Width	155.0 mm
Height	44.0 mm
Product weight	750.00 g
Cable length	1000 mm

Colors & materials

Body material	Polycarbonate (PC)
Housing color	Black

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Product color	Black

Temperatures & operating conditions

Ambient temperature range	-20…50 °C

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

Additional product data

Mounting type	Surface
Mounting location	Wall / Floor

Capabilities

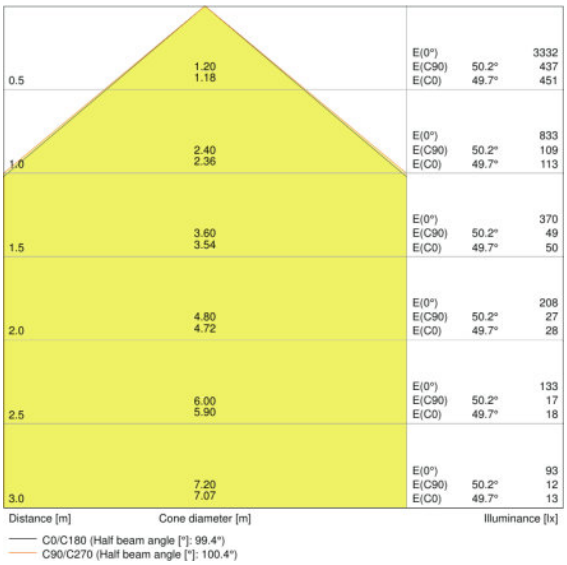
Dimmable	No
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

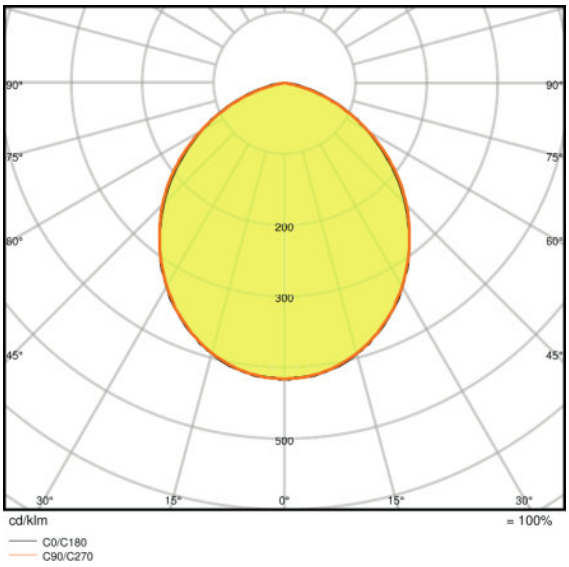
Protection class IK (shock resistance)	IK07
Photobiological safety group	RG 0
Protection class	I
Type of protection	IP65
Standards	CE/CB/TÜV SÜD/EAC/RoHS

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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
4058075810976	FLOODLIGHT LED 20 W 4000 K BK	Shipping carton box 10	384 mm x 298 mm x 220 mm	25.18 dm^3	8715.00 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.

DISCLAIMER

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

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