



PRODUCT DATASHEET

FLOODLIGHT LED 100 W 6500 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



TECHNICAL DATA

Electrical data

Nominal wattage	100.00 W
Operating mode	Electronic control gear (ECG)
Nominal voltage	220...240 V
Mains frequency	50/60 Hz

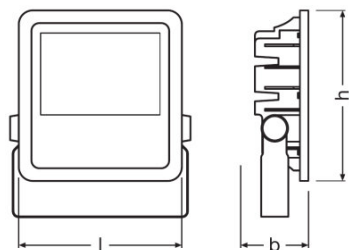
Photometrical data

Color temperature	6500 K
Luminous flux	10000 lm
Luminous efficacy	100.0 lm/W
Standard deviation of color matching	≤5 sdcn
Light color (designation)	Cool Daylight
Color rendering index Ra	≥80

Light technical data

Beam angle	100.00 °
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Dimensions & weight



Length	253.0 mm
Width	243.0 mm
Height	92.5 mm
Product weight	3600.00 g
Cable length	1000 mm

Colors & materials

Body material	Aluminum
Housing color	Black
Product color	Black

Cover material	Glass
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Temperatures & operating conditions

Ambient temperature range	-20...50 °C
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Lifespan

Lifespan L70 at 25 °C	50000 h
Lifespan L80 at 25 °C	40000 h
Lifespan L90 at 25 °C	20000 h
Number of switching cycles	30000

Additional product data

Mounting type	Surface
Mounting location	Wall / Floor

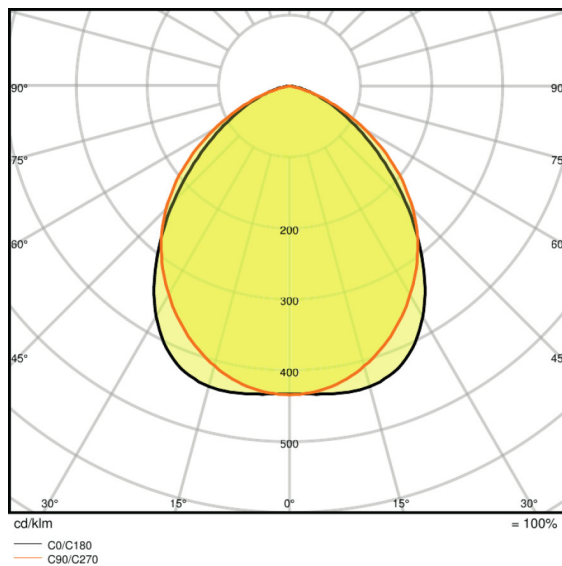
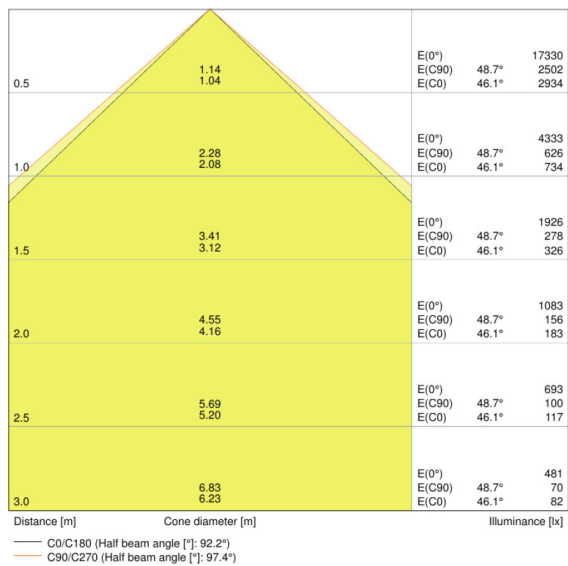
Capabilities

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

Certificates & standards

Protection class IK (shock resistance)	IK08
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP65
Standards	CE/CB/TÜV SÜD/EAC/RoHS

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
4058075811010	Shipping carton box 1	328 mm x 295 mm x 162 mm	3820.00 g	15.68 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.

DISCLAIMER

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