



# PRODUCT DATASHEET

## FLOODLIGHT LED 50 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



**TECHNICAL DATA**

Electrical data

<b>Operating mode</b>	Electronic control gear (ECG)
<b>Nominal wattage</b>	50.00 W
<b>Nominal voltage</b>	220...240 V
<b>Power factor <math>\lambda</math></b>	>0.90
<b>Mains frequency</b>	50/60 Hz

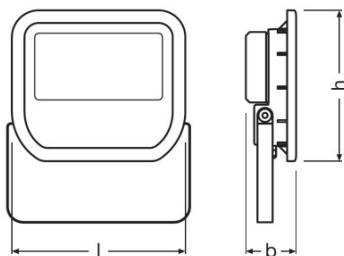
Photometrical data

<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	5000 lm
<b>Luminous efficacy</b>	100 lm/W
<b>Standard deviation of color matching</b>	$\leq 5$ sdc <sub>m</sub>
<b>Light color (designation)</b>	Cool White
<b>Color rendering index Ra</b>	$\geq 80$

Light technical data

<b>Beam angle</b>	100.00 °
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Dimensions & weight



<b>Length</b>	187.0 mm
<b>Width</b>	216.0 mm
<b>Height</b>	62.0 mm

Colors & materials

<b>Body material</b>	Polycarbonate (PC)
<b>Housing color</b>	Black
<b>Product color</b>	Black

## Temperatures &amp; operating conditions

Temperature range in operation	-20...50 °C
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 location	Wall / Floor
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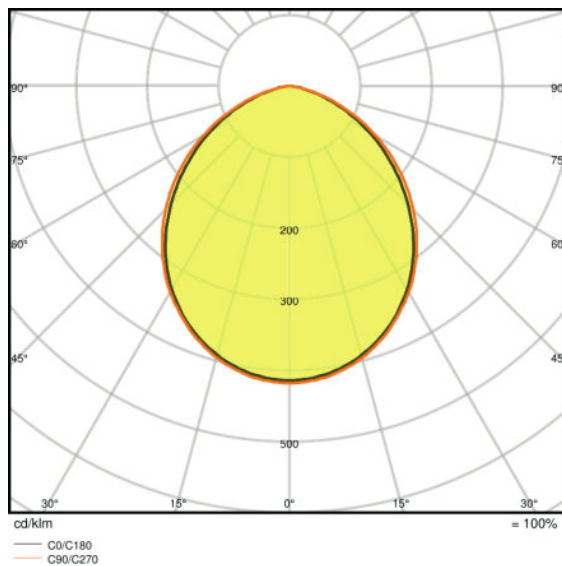
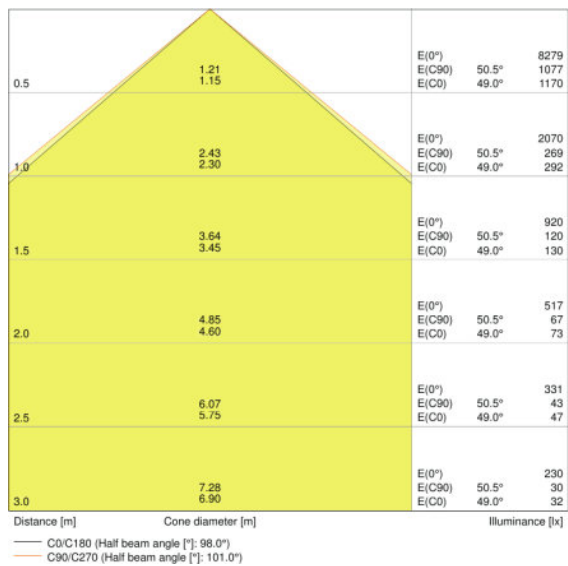
## Capabilities

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

## Certificates &amp; 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

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
4058075810990	FLOODLIGHT LED 50 W 4000 K BK	Shipping carton box 10	482 mm x 348 mm x 232 mm	38.91 dm <sup>3</sup>	14.21 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.