

# PRODUCT DATASHEET

## FLOODLIGHT 50 W 4000 K IP65 BK

FLOODLIGHT 50 | Floodlight with symmetrical light output with 50 W



### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

### PRODUCT BENEFITS

- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- 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

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK07
- Ambient temperature in operation: -20...+50 °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 $\lambda$	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	4
Max. no. of lum. on circuit break. C10 A	4
Max. no. of lum. on circuit break. C16 A	7
Inrush current	< 20 A
Total harmonic distortion	< 25 %
Inrush current time $T_{h50}$	1500 $\mu$ s

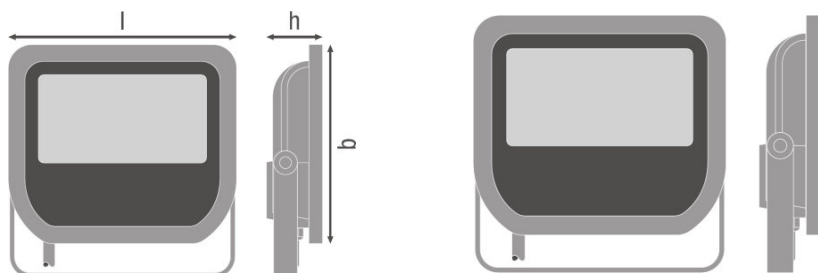
Photometrical data

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

Light technical data

Beam angle	100 ° x 100 °
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Dimensions & weight



Length	155.0 mm
Width	180.0 mm
Height	46.0 mm

<b>Product weight</b>	930.00 g
<b>Cable length</b>	1000 mm

### Colors & materials

<b>Body material</b>	Aluminum/Polycarbonate (PC)
<b>Product color</b>	Black
<b>Housing color</b>	Black
<b>Cover material</b>	Tempered glass

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+50 °C
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### Lifespan

<b>Number of switching cycles</b>	100000
<b>Lifespan L70/B50 at 25 °C</b>	50000 h
<b>Lifespan L80/B10 at 25 °C</b>	30000 h
<b>Lifespan L90/B10 at 25 °C</b>	15000 h

### Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Wall / Ceiling / Floor

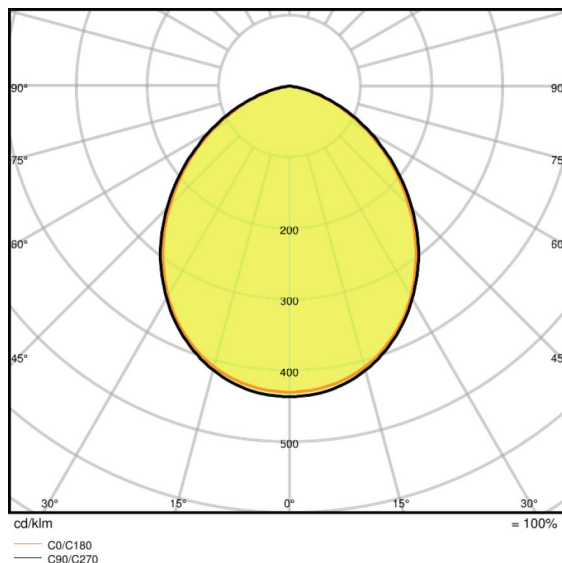
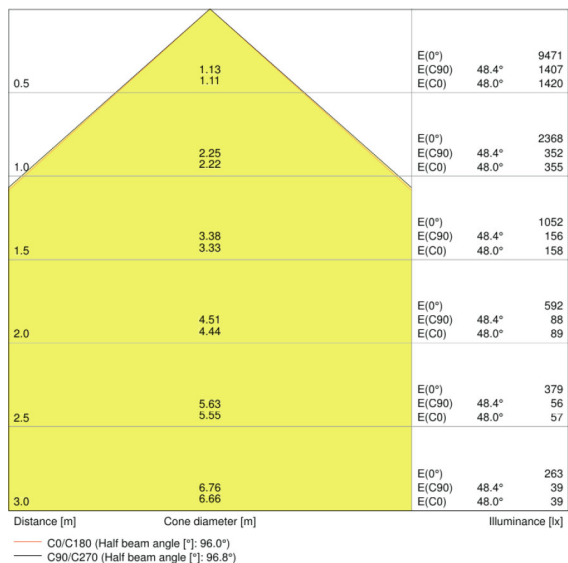
### Capabilities

<b>Adjustable</b>	Yes
<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK07
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 1
<b>Photobio. safety group acc. to EN62471</b>	RG 0
<b>Protection class</b>	I
<b>Type of protection</b>	IP65
<b>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

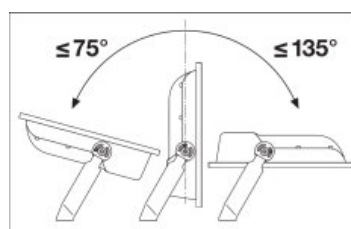
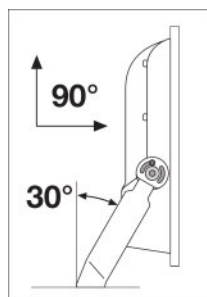
LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097605	Folding carton box 1	52 mm x 186 mm x 207 mm	999.00 g	2.00 dm <sup>3</sup>
4058075097612	Shipping carton box 10	393 mm x 285 mm x 238 mm	10670.00 g	26.66 dm <sup>3</sup>

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.

ADDITIONAL CATALOG INFORMATION



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## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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