

PRODUCT DATASHEET

FLOODLIGHT 50 W 3000 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
Nominal current	240 mA
Inrush current	20 A
Inrush current time T_{h50}	1500 μ s
Power factor λ	> 0,90
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
Total harmonic distortion	< 25 %

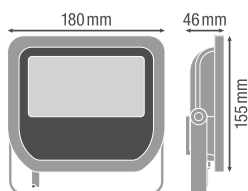
Photometrical data

Color temperature	3000 K
Luminous flux	5250 lm
Luminous efficacy	105 lm/W
Light color (designation)	Warm White
Standard deviation of color matching	≤ 5 sdcn
Color rendering index Ra	≥ 80

Light technical data

Beam angle	100 ° x 100 °
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Dimensions & weight



Length	155.00 mm
Height	46.00 mm

Width	180.00 mm
Cable length	1000 mm
Product weight	930.00 g

Colors & materials

Body material	Aluminum Polycarbonate (PC)
Product color	Black
Housing color	Black
Cover material	Tempered glass
Light emitting surface material	Glass

Temperatures & operating conditions

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

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

Additional product data

Mounting type	Surface
Mounting location	Wall / Ceiling / Floor

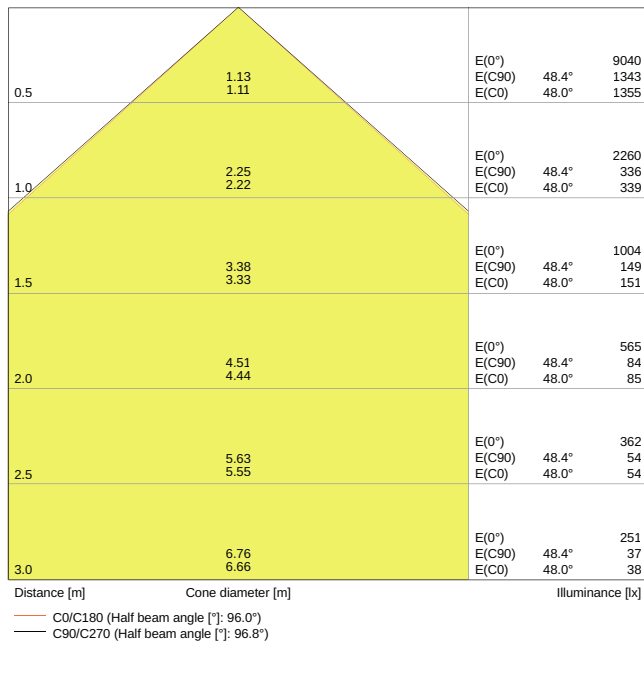
Capabilities

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

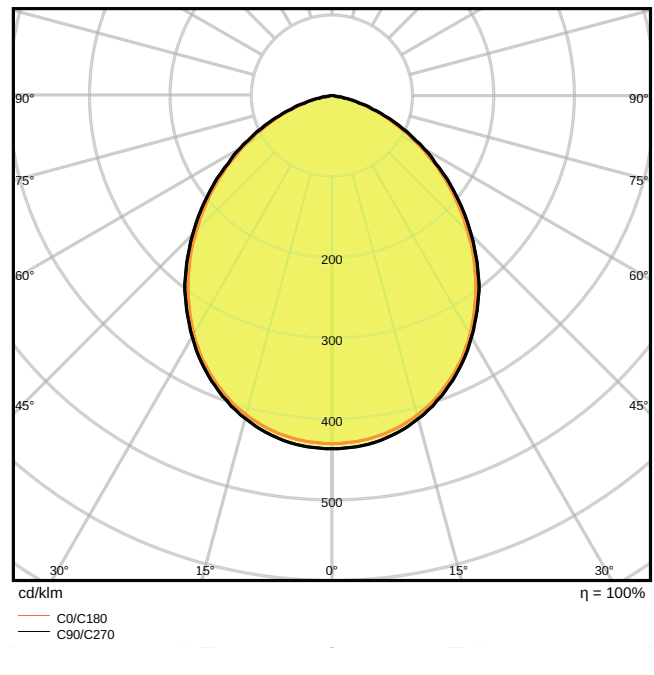
Certificates & standards

Protection class IK (shock resistance)	IK07
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Protection class	I
Type of protection	IP65
Ball shot safe	No

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, class "D"	Yes













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DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction User Instruction Floodlight LED 100 DEG
	User instruction FLOODLIGHT 100DEG
	PRODUCT DATASHEET FLOODLIGHT LED 50 W 3000 K BK
	Tender documents Tender Text 4058075097568
	Certificates Floodlight 100 DEG CE Certificate
	Certificates EAEC N RU D-DE.MYu62.B.02016 20 14.07.2020-13.07.2025

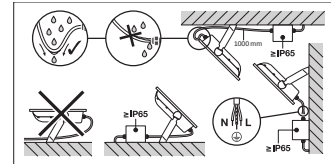
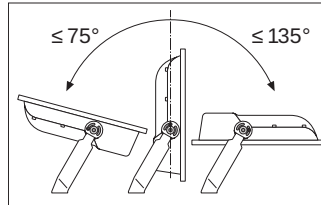
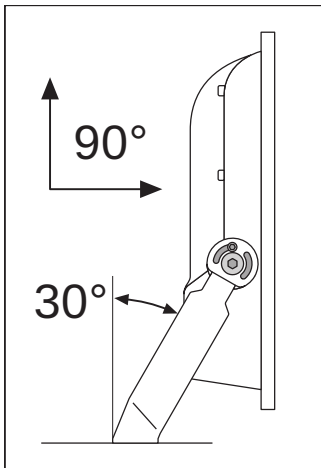
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	Certificates RU C-DE.AJa46.B.08654 19 16.10.2019-15.10.2024
	Declarations of conformity Attestation of Conformity Floodlight 100DEG TÜV
	Declarations of conformity EU Declaration of Conformity Floodlight 100DEG LEDV
	On-Pack-Info Legal Insert Floodlight 100 DEG
	IES file (IES) Flood LED Sym 50W 3000K BK IP65
	LDT file (Eulumdat) Flood LED Sym 50W 3000K BK IP65
	R3D file (Relux 3D Model) Floodlight 50w
	M4D file (3D Model with rotation axis) Floodlight_50W
	ULD file (DIALux) FLOODLIGHT5050W3000KIP65BK
	UGR file (UGR table) Flood LED Sym 50W 3000K BK IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097568	Folding box 1	52 mm x 186 mm x 207 mm	999.00 g	2.00 dm ³
4058075097575	Shipping box 10	393 mm x 285 mm x 238 mm	11143.00 g	26.66 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.

ADDITIONAL CATALOG INFORMATION



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.