

# PRODUCT DATASHEET

## FLOODLIGHT 50 W 4000 K IP65 WT

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, e.g. 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



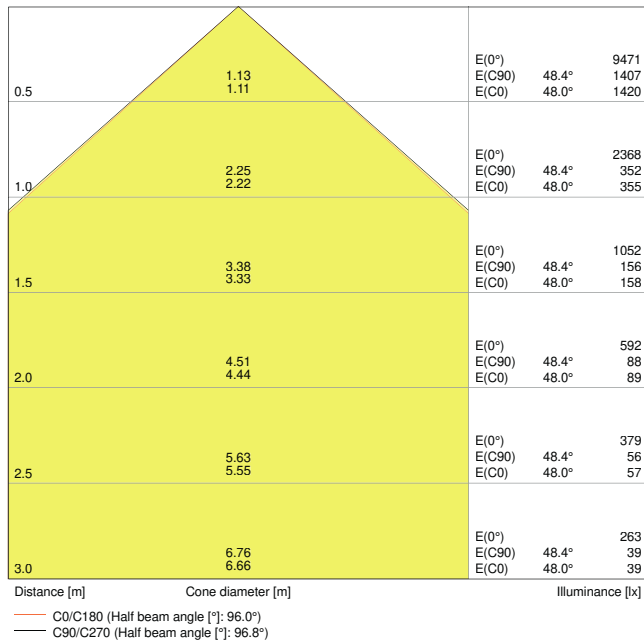
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**TECHNICAL DATA****Electrical data**

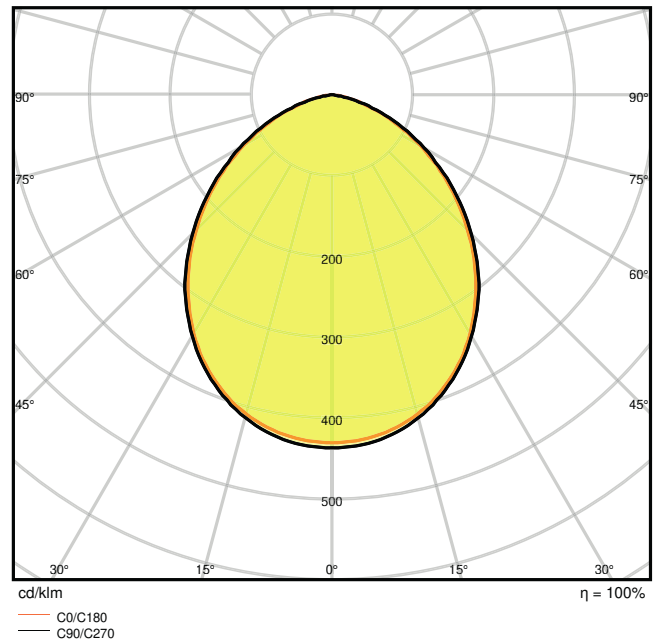
Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	240 mA
Inrush current	20 A
Inrush current time $T_{h50}$	1500 $\mu$ s
Max. no. of lum. on circuit break. B16 A	4
Max. no. of lum. on circuit break. C10 A	4
Max. no. of lum. on circuit break. C16 A	7
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 25 %
Protection class	I
Operating mode	Integrated LED driver

**Photometrical data**

Luminous flux	5500 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq$ 80
Standard deviation of color matching	$\leq$ 5 sdc <sub>m</sub>
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 ° x 100 °



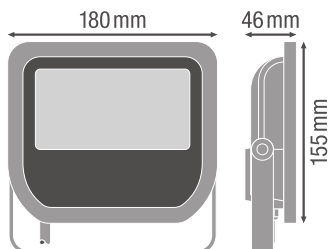
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### Dimensions & Weight

Length	155.00 mm
Width	180.00 mm
Height	46.00 mm
Product weight	930.00 g
Cable length	1000 mm



### Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum Polycarbonate (PC)
Cover material	Tempered glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK07
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling / Floor
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable


### Lifespan












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

### Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

### DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction

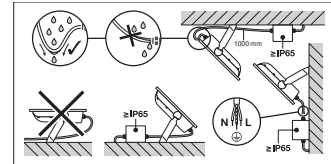
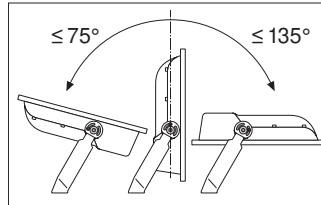
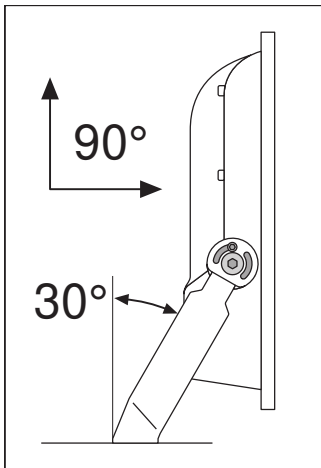
DOWNLOAD DATA	
	User instruction
	Certificates
	Declarations Of Conformity CE
	Declarations Of Conformity CE
	On-Pack-Info
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M4D file (3D Model with rotation axis)
	ULD file (DIALux)
	UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097629	Folding box 1	52 mm x 186 mm x 207 mm	999.00 g	2.00 dm <sup>3</sup>
4058075097636	Shipping box 10	393 mm x 285 mm x 238 mm	10420.00 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



### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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