

# PRODUCT DATASHEET

## FLOODLIGHT VALUE 100 W 4000 K IP65 BK

FLOODLIGHT VALUE | Floodlight



### Areas of application

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Public areas
- Building facades
- Construction areas

### Product benefits

- Energy savings of up to 80 % compared to halogen lamp floodlights
- Semi-frosted, tempered glass cover for uniform illumination
- Quick and simple installation thanks to low profile, compact and light weight design
- 3 years guarantee

### Product features

- Luminous efficacy: up to 90 lm/W
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK06 (10 W to 50 W), IK08 (from 100 W)
- Ambient temperature in operation: -20...+45 °C



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## TECHNICAL DATA

### Electrical data

Nominal wattage	100.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	550 mA
Inrush current	15.0 A
Inrush current time $T_{h50}$	360 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	12
Max. number of luminaires per miniature circuit breaker C10	12
Max. number of luminaires per miniature circuit breaker C16	20
Power factor $\lambda$	$\geq 0.90$
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	9000 lm
Luminous efficacy	88 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	110 ° x 110 °



## Materials &amp; Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## Application &amp; Mounting

Ambient temperature range	-20...+45 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling / Floor
Application environment	Outdoor
Adjustable	Yes
Replaceable light source	No

## Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	10000









<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Certificates &amp; Standards

Standards	CE / CB / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

## DOWNLOAD DATA

Documents and certificates	Document name
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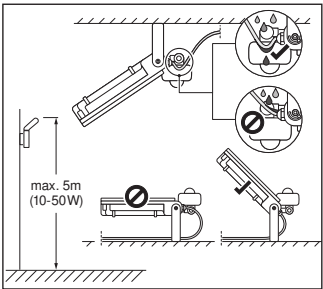
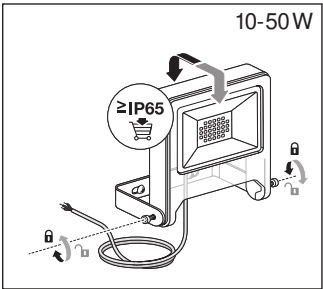
Documents and certificates		Document name
	Declarations of conformity	CE FLOODLIGHT VALUE 100W 840 AC16591
Photometric and lighting design files		Document name
	IES file (IES)	FLOOD VALUE 100W 4000K BK IP65
	LDT file (Eulumdat)	FLOOD VALUE 100W 4000K BK IP65
	UGR file (UGR table)	FLOOD VALUE 100W 4000K BK IP65
	Light distribution curve type cone	FLOOD VALUE 100W 4000K BK IP65
	Light distribution curve type cone	FLOOD VALUE 100W 4000K BK IP65
	Light distribution curve type polar	FLOOD VALUE 100W 4000K BK IP65
	Light distribution curve type polar	FLOOD VALUE 100W 4000K BK IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075268661	Folding box 1	120 mm x 326 mm x 375 mm	3569.00 g	14.67 dm <sup>3</sup>
4058075268678	Shipping box 2	340 mm x 255 mm x 395 mm	2656.00 g	34.25 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)

**DISCLAIMER**

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