

# PRODUCT DATASHEET

## FLOODLIGHT 70 W 3000 K IP65 BK

FLOODLIGHT 70 | Floodlight with symmetrical light output with 70 W



### Areas of application

- Replacement for floodlights with halogen lamps
- 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
- 5 years guarantee

### Product features

- Symmetrical beam angle: 100° x 100°
- Luminaire efficacy: up to 110 lm/W
- Angled (30°) mounting bracket and up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK08
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



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## TECHNICAL DATA

### Electrical data

Nominal wattage	70.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	320 mA
Inrush current	60 A
Inrush current time $T_{h50}$	1000 $\mu$ s
Max. no. of lum. on circuit break. B16 A	15
Max. no. of lum. on circuit break. C10 A	12
Max. no. of lum. on circuit break. C16 A	19
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

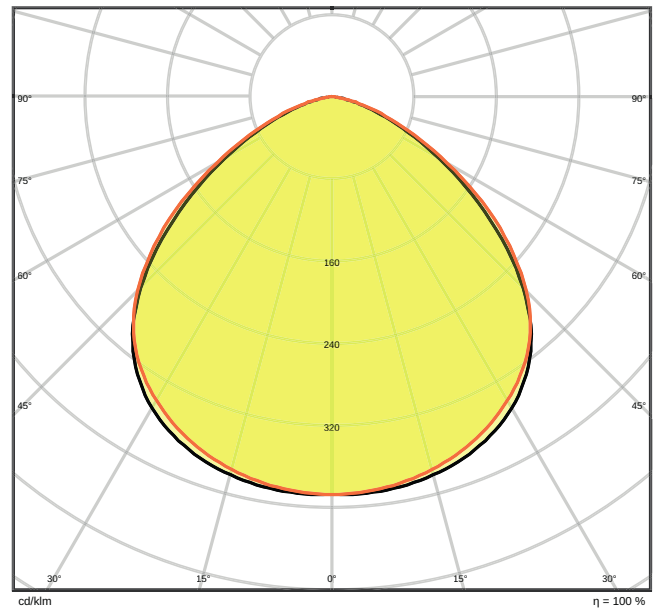
### Photometrical data

Luminous flux	7300 lm
Luminous efficacy	105 lm/W
Color temperature	3000 K
Light color (designation)	Warm 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 °





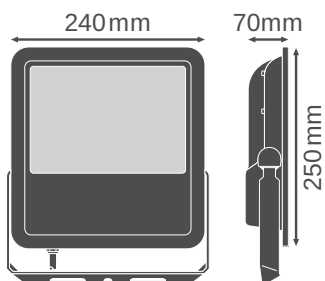
LDC typ cone



LDC typ polar

### Dimensions & Weight

Length	250.00 mm
Width	240.00 mm
Height	70.00 mm
Product weight	2500.00 g
Cable length	1000 mm



## Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
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)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling / Floor
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 FLOODLIGHT 100DEG

**DOWNLOAD DATA**

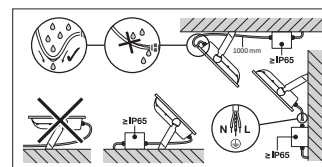
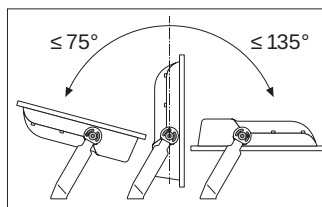
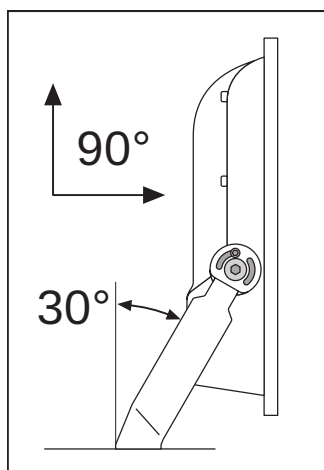
	Tender documents Tender Text 4058075352131
	Declarations of conformity FLOOD LED 70W/3000K BK 100DEG IP65
	IES file (IES) FLOOD LED 70W 3000K BK 100DEG IP65
	LDT file (Eulumdat) FLOOD LED 70W 3000K BK 100DEG IP65
	R3D file (Relux 3D Model) FLOODLIGHT 70
	M4D file (3D Model with rotation axis) FLOODLIGHT 70
	UGR file (UGR table) FLOOD LED 70W 3000K BK 100DEG IP65

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075352131	Shipping box 1	95 mm x 266 mm x 281 mm	2604.00 g	7.10 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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