

# PRODUCT FAMILY DATASHEET

## FLOODLIGHT 180

Floodlight with symmetrical light output with 180 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

- 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: IK08
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



## TECHNICAL DATA

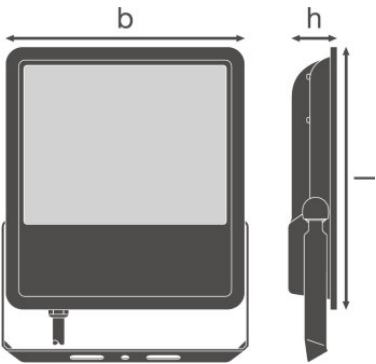
Product description	Electrical data			Luminaire control gear data				Photometrical data
	Nominal wattage	Nominal voltage	Mains frequency	Output current	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux
FLOODLIGHT 180 W 3000 K <sup>1)</sup>	180.00 W	220...240 V	50/60 Hz	790 mA	10	8	13	18900 lm
FLOODLIGHT 180 W 4000 K IP65 BK	180.00 W	220...240 V	50/60 Hz	790 mA	10	8	13	20000 lm
FLOODLIGHT 180 W 6500 K IP65 BK	180.00 W	220...240 V	50/60 Hz	790 mA	10	8	13	20000 lm

Product description	Light color (designation)	Color rendering index Ra	Light technical data	Dimensions & weight				Colors & materials			
			Beam angle	Length	Width	Height	Product weight	Body material	Housing color	Product color	Cover material
FLOODLIGHT 180 W 3000 K <sup>1)</sup>	Warm White	≥80	100 ° x 100 °	340.0 mm	310.0 mm	81.0 mm	4900.00 g	Aluminum	Black	Black	Tempered glass
FLOODLIGHT 180 W 4000 K IP65 BK	Cool White	≥80	100 ° x 100 °	340.0 mm	310.0 mm	81.0 mm	4900.00 g	Aluminum	Black	Black	Tempered glass
FLOODLIGHT 180 W 6500 K IP65 BK	Cool Daylight	≥80	100 ° x 100 °	340.0 mm	310.0 mm	81.0 mm	4900.00 g	Aluminum	Black	Black	Tempered glass

Product description	Temperatures & operating conditions	Lifespan				Capabilities	
	Ambient temperature range	Number of switching cycles	Lifespan L70/B50 at 25 °C	Lifespan L80/B10 at 25 °C	Lifespan L90/B10 at 25 °C	Adjustable	Dimmable
FLOODLIGHT 180 W 3000 K <sup>1)</sup>	-20...+50 °C	100000	50000 h	30000 h	15000 h	Yes	No
FLOODLIGHT 180 W 4000 K IP65 BK	-20...+50 °C	100000	50000 h	30000 h	15000 h	Yes	No
FLOODLIGHT 180 W 6500 K IP65 BK	-20...+50 °C	100000	50000 h	30000 h	15000 h	Yes	No

Product description	Type of connection	Certificates & standards		
		Protection class	Type of protection	Luminaire with limited surface temperature, class "D"
FLOODLIGHT 180 W 3000 K <sup>1)</sup>	Cable, 3-pole	I	IP65	Yes
FLOODLIGHT 180 W 4000 K IP65 BK	Cable, 3-pole	I	IP65	Yes
FLOODLIGHT 180 W 6500 K IP65 BK	Cable, 3-pole	I	IP65	Yes

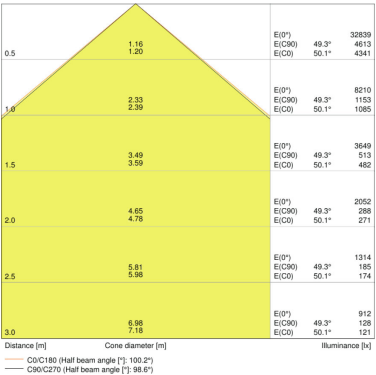
<sup>1)</sup> Available from November 2019



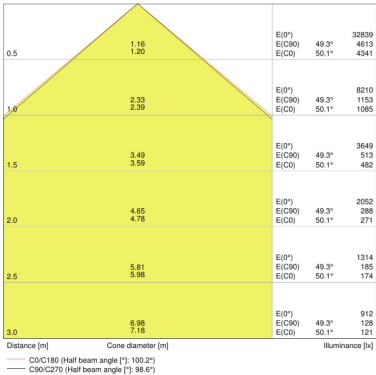
FLOODLIGHT 180 W 3000 K ,  
FLOODLIGHT 180 W 4000 K IP65 BK,  
FLOODLIGHT 180 W 6500 K IP65 BK



FLOODLIGHT 180 W 3000 K



FLOODLIGHT 180 W 4000 K IP65 BK



FLOODLIGHT 180 W 6500 K IP65 BK

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075352162	Shipping carton box 1	423 mm x 355 mm x 144 mm	5710.00 g	21.62 dm <sup>3</sup>
4058075097728	Shipping carton box 1	423 mm x 355 mm x 144 mm	5710.00 g	21.62 dm <sup>3</sup>
4058075097735	Shipping carton box 1	423 mm x 355 mm x 144 mm	5699.00 g	21.62 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.

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#### REFERENCES / LINKS

For Guarantee see

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

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