PRODUCT FAMILY DATASHEET
FLOODLIGHT PHOTOCELL SENSOR 90

Floodlight with symmetrical light output with 90 W and daylight sensor

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

– Automatically switches on and off according to available daylight thanks to photocell light sensor
– Frosted cover made of tempered glass for uniform illumination
– No upper light output ratio (ULOR 0%) when mounted at 0° tilt
– Optimized weight and size due to compact design
– Energy savings of up to 90 % compared to halogen lamp floodlights
– 5 years guarantee

PRODUCT FEATURES

– Automatically switches on below 35 lux and off above 95 lux ambient light
– Luminaire efficacy: up to 110 lm/W
– Symmetrical beam angle: 100° x 100°
– Angled (30°) mounting bracket and up to 180° tilting
– Type of protection: IP65
– Impact resistance: IK08 (IK07 Photocell sensor)

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

TECHNICAL DATA
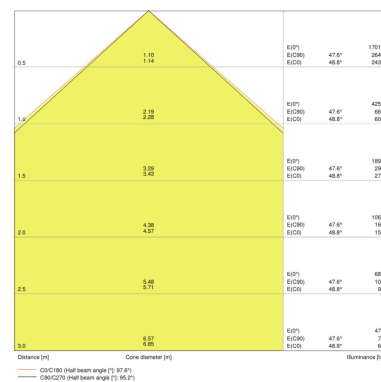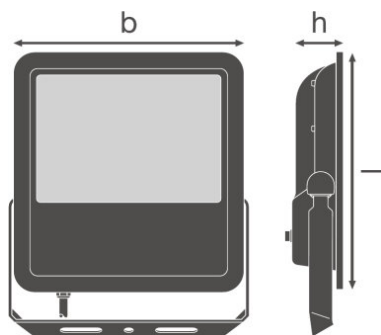
	Electrical data			Luminaire control gear data				Photometrical data
Product description	Nominal wattage	Nominal voltage	Mains frequency	Ouput current	Max. no. of lum. on circuit break. B16 A	Max. no. of lum. on circuit break. C10 A	Max. no. of lum. on circuit break. C16 A	Luminous flux
FLOODLIGHT SL 90 W 4000 K IP65 BK [1]	90.00 W	220...240 V	50/60 Hz	1200 mA	11	9	14	10000 lm

			Light technical data	Luminaire sensor data	Dimensions & weight				Colors & materials	
Product description	Light color (designation)	Color render-ing index Ra	Beam angle	Type of sensor	Length	Width	Height	Product weight	Body material	Product color
FLOODLIGHT SL 90 W 4000 K IP65 BK [1]	Cool White	≥80	100 ° x 100 °	Light	250.0 mm	240.0 mm	70.0 mm	2600.00 g	Aluminum	Black

		Temperatures & operating conditions	Lifespan				Capabilities
Product description	Cover material	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
FLOODLIGHT SL 90 W 4000 K IP65 BK [1]	Tempered glass	-20...+50 °C	100000	50000 h	30000 h	15000 h	Yes

			Certificates & standards		
Product description	Dimmable	Type of connection	Protection class	Type of protection	Luminaire with limited surface temperature, class "D"
FLOODLIGHT SL 90 W 4000 K IP65 BK [1]	No	Cable, 3-pole	I	IP65	Yes

[1] Available from July 2019

FLOODLIGHT SL 90 W 4000 K IP65 BK

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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
4058075216778	Shipping carton box 1	322 mm x 282 mm x 134 mm	3016.00 g	12.17 dm³

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.

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.

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