

# PRODUCT DATASHEET

## FLOODLIGHT SL 70 W 4000 K IP65 BK

FLOODLIGHT PHOTOCELL SENSOR 70 | Floodlight with symmetrical light output with 70 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, e.g. 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

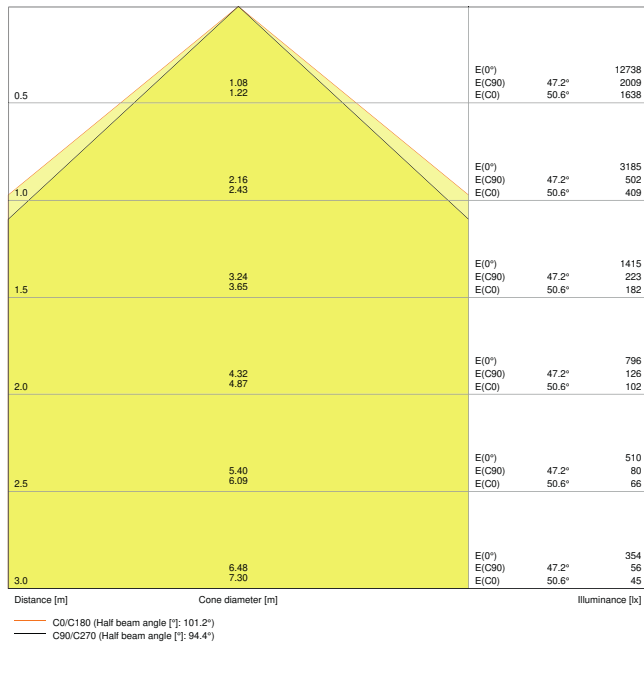
## TECHNICAL DATA

### Electrical data

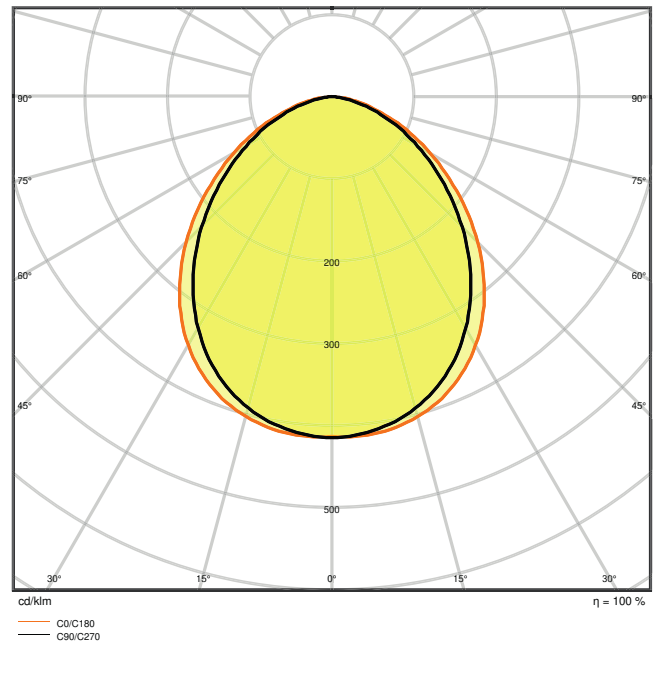
Nominal wattage	70.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	320 mA
Inrush current	60 A
Inrush current time $T_{h50}$	1000 $\mu$ s
Max. no. of lum. on circuit break. B16 A	15
Max. no. of lum. on circuit break. C10 A	12
Max. no. of lum. on circuit break. C16 A	19
Power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

### Photometrical data

Luminous flux	7700 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	< 5 sdcn
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG0
Beam angle	100 ° x 100 °



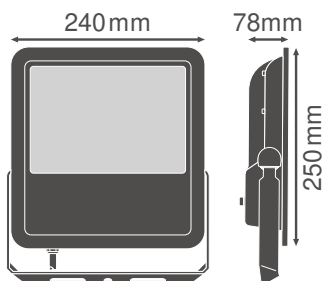
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### Dimensions & Weight

Length	250.00 mm
Width	240.00 mm
Height	78.00 mm
Product weight	2600.00 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 <sup>1)</sup>
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling / Floor
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable

<sup>1)</sup> Protection class of Sensor IK07

## 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

## Control gear

Output current	1050 mA
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## Sensor

Type of sensor	Light
Sensor technology	Photocell
Detection threshold of daylight sensor	35...95 lx
Sensor IP rating	IP65

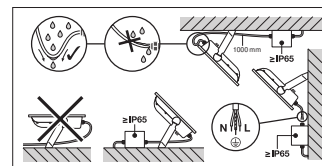
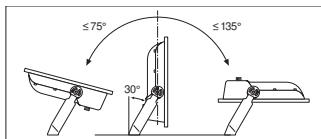
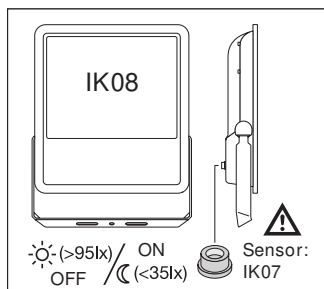
### Certificates & Standards

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

### DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations Of Conformity CE
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M4D file (3D Model with rotation axis)
	UGR file (UGR table)

### ADDITIONAL CATALOG INFORMATION



### References / Links

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

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