

# DATA SHEET

# ESYLUX

## SUN AFL TR 1000 850 MD WH

### Item number

EL10810077

### GTIN

4015120810077



### Technical data

#### GENERAL

Device category	Floodlights
Product information	The floodlights are intended for use outdoors. If used inside (e. g. below the ceiling) the heat cannot be sufficiently discharged where necessary. Intense sunlight over a longer period of time can change the color tone.
User interface	Adjusting controller
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Warranty	3 years

#### ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Type of connection	Screwed terminal
Connectable wire cross section	1.5 – 2.5 mm <sup>2</sup>
Number of contacts	3

#### HOUSING

Dimensions	Length 210 mm x Width 133 mm x Height/Depth 75 mm
Weight	682 g
Material	Die-cast aluminium and UV-stabilised plastic
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Impact resistance	IK08
Colour	white, similar to RAL 9016

#### ELECTRICAL VERSION

Control system	ON/OFF
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ON/OFF	LED 5200 K	CRI 81	Phi 1000 lm	103 lm/W	IP65	
r 12 m						

### Product description

- LED floodlight with high-grade die-cast aluminium housing and integrated motion detector with 160° field of detection for convenient lighting control
- 10 W LED luminous efficiency corresponds to 63 W light bulb, light colour approx. 5000 K white
- High light yield of 103 lm/W, excellent colour rendering index Ra 80

### Offers special product features like:

- Overvoltage protection up to 2.5 kV
- Integrated motion detector
- Zero-cross switching

Protection class	I
Nominal voltage	230 V ~ / 50 Hz
In-rush current	2.8 A / 303 µs
Leakage current	0.019 mA
Stand-by consumption	0.5 W

#### LIGHT

Diffuser	transparent
Light emission	direct
Beam angle	95 °
Flicker factor	<20 %
Rated output P	9.7 W
Luminous flux	1000 lm
Luminous efficacy	103 lm/W
Colour temperature	5200 K
Colour rendering index Ra	> 80
Colour tolerance	5 SDCM
L70B10 lifetime at 25 °C	45000 h
Life time L70B50 at 25 °C	45000 h
Life time L80B10 at 25 °C	30000 h
Life time L80B50 at 25 °C	30000 h
Life time L90B10 at 25 °C	15000 h
Life time L90B50 at 25 °C	15000 h

#### SENSORS

Detection angle	160°
Detection range diagonally	12 m
Detection range head-on	5 m
Range adjustment	mechanically with included cut to size lens mask

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EL10810077	4015120810077		
Field of detection	201 m <sup>2</sup>	Level of brightness	3 - 1000 lx
Recommended installation height	2.5 m	Switch-off delay time	10 s...15 min (adjustable in steps)
Max. mounting height	4 m		

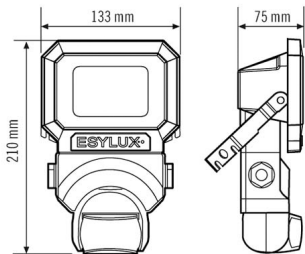
Factory settings

Channel	C1	Switch-off delay time	3 min
Level of brightness/switching threshold	300 lx		

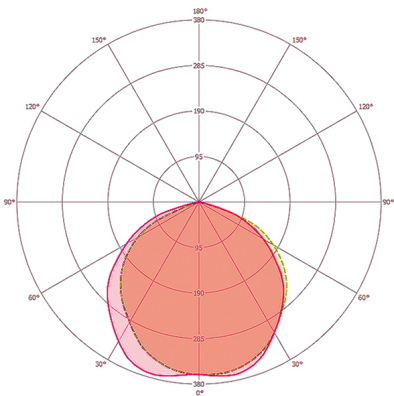
Accessories

Product designation	Item number	Product description	GTIN
<b>Mounting</b>			
FL WALL ARM 700 WH	EL10810527	Wall arm for floodlight, 700 mm, including adapter, white	4015120810527
FL GROUND SPIKE WH	EL10810541	Wall arm for floodlight, including adapter, white	4015120810541

Dimension drawing



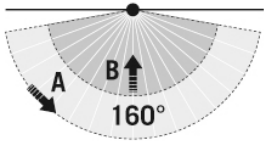
Light distribution



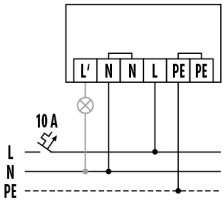
Field of detections

Detection range

Circuit diagram



Diagonally (A)	12 m
Frontal (B)	5 m



Standard operation with optional connection of external loads.

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### Detailed product description

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- LED floodlight with high-grade die-cast aluminium housing and integrated motion detector with 160° field of detection for convenient lighting control
- 10 W LED luminous efficiency corresponds to 63 W light bulb, light colour approx. 5000 K white
- High light yield of 103 lm/W
- Excellent colour rendering index Ra 80
- Stainless steel ITD special bracket, additionally varnished, for wall, inner and outer corner mounting
- Secure mounting thanks to separate connection box with easily accessible connection clamps
- All external screws made from stainless steel
- Life time L80B50 at 25 °C: 30000 h