

DATA SHEET

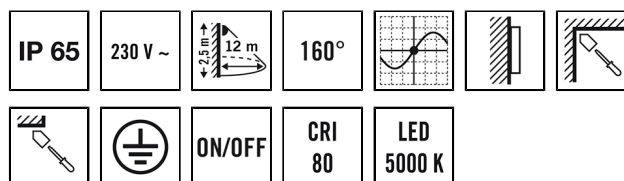
SUN AFL TR 3700 850 MD BK

Item number

EL10810183

GTIN

4015120810183



Product description

- LED floodlight with high-grade die-cast aluminium housing and integrated motion detector with 160° field of detection for convenient lighting control
- 30 W LED luminous efficiency corresponds to 155 W light bulb, light colour approx. 5000 K white
- High light yield of 130 lm/W, excellent colour rendering index Ra 80

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.
User interface	Adjusting controller
Remote controllable	–
Conformity	CE, RoHS, WEEE
Warranty	3-year
ATTACHMENT	
Installation type	Surface mounting
Installation position	Wall
Type of connection	Screwed terminal
Connectable wire cross section	1,50 - 2,50 mm ²
Number of contacts	3
HOUSING	
Dimensions	Length 290 mm x Width 250 mm x Height/Depth 86 mm
Weight	1880 g
Material	Die-cast aluminium and UV-stabilised plastic
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Impact resistance	IK08
Colour	Black, similar to RAL 9005
ELECTRICAL VERSION	

Protection class	I
Nominal voltage	230 V / 50 Hz
Stand-by consumption	0.5 W
In-rush current	2,6 A / 290 μs
Leakage current	0,215 mA

LIGHT	
Diffusor	transparent
Light emission	direct
Beam angle	110 °
Flicker factor	<20 %
Rated output	28 W
Luminous Flux (light)	3650 lm
Luminous efficacy	130 lm/W
Colour temperature	5000 K
Colour rendering index Ra	> 80
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
Energy efficiency class	A++ to A

SENSORS	
Detection angle	160°
Detection range diagonally	12 m
Detection range head-on	5 m
Field of detection	201 m ²

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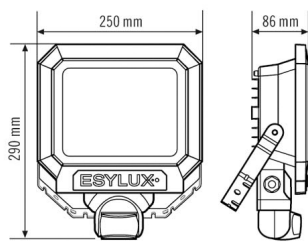
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Range adjustment	mechanically with included cut to size lens mask	Recommended installation height	2,5 m
		Max. mounting height	4 m

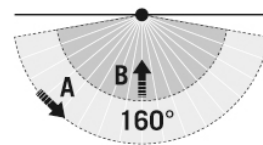
Accessories

Product designation	Item number	GTIN
FL WALL ARM 700 BK	EL10810534	4015120810534
FL GROUND SPIKE BK	EL10810558	4015120810558

Scale drawing



Field of detections



Detection range

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

Light distribution

