

BASIC AFL TR 5000 830 MD BK

Item number

EL10810893

GTIN

4015120810893



Product description

- LED floodlight with compact aluminium housing for unobtrusive installation, black
- 50 W light output with 3000 K light colour (white)
- Excellent efficiency of approx. 100 lm/W

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.
Remote controllable	–
Conformity	CE, RoHS, WEEE
Warranty	3-year

ATTACHMENT

Installation type	Surface mounting
Installation position	Wall
Type of connection	Open end
Connectable wire cross section	0,75 - 2,50 mm ²
Length of cable	0,8 m

HOUSING

Dimensions	Length 252 mm x Width 240 mm x Height/Depth 60 mm
Weight	1270 g
Material	Aluminium and UV-stabilised plastic
Protection type	IP65
Permissible ambient temperature	-25 °C...+40 °C
Colour	Black, similar to RAL 9005
Glow wire test in accordance with IEC 60695-2-10	650 °C

ELECTRICAL VERSION

Protection class	I
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Nominal voltage	220 - 240 V / 50 - 60 Hz
In-rush current	2 A / 107 µs
Leakage current	0,179 mA

LIGHT

Diffusor	transparent
Light emission	direct
Beam angle	120 °
Unified Glare Rating	< 30
Flicker factor	<30%
Rated output	50 W
Luminous Flux (light)	5000 lm
Luminous efficacy	100 lm/W
Colour temperature	3000 K
Colour rendering index Ra	> 80
Color Quality Scale	>80
L70B10 lifetime at 25 °C	50000 h
Life time L70B50 at 25 °C	50000 h
Life time L80B10 at 25 °C	35000 h
Life time L80B50 at 25 °C	35000 h
Life time L90B10 at 25 °C	25000 h
Life time L90B50 at 25 °C	25000 h
Photobiological safety	RG0
Energy efficiency class	A++ to A

SENSORS

Detection angle	120° horizontally and vertically rotatable +/- 180°
Detection range diagonally	8 m

DATA SHEET

BASIC AFL TR 5000 830 MD BK

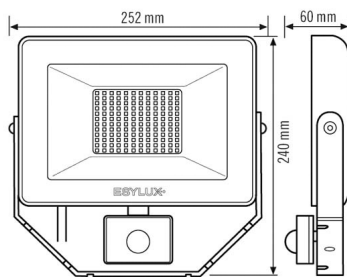
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Detection range head-on	3 m	Recommended installation height	2,5 m
Field of detection	76 m ²	Max. mounting height	3 m
Range adjustment	Mechanical	Light measurement	Daylight

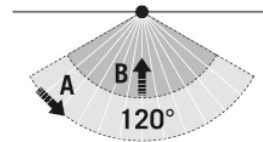
Accessories

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)	8 m
Frontal (B)	3 m

Light distribution

