

DATA SHEET

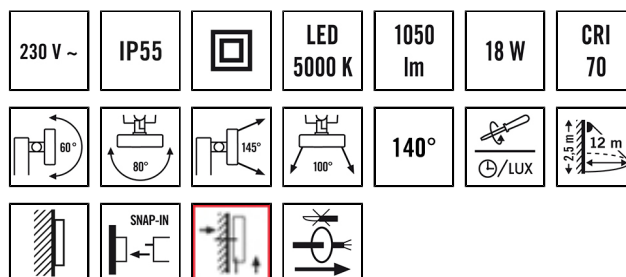
AFR 250 LED 5K WH

Item number EL10750205
GTIN 4015120750205



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, EAC, 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 137 mm x Width 132 mm x Height/Depth 216 mm
Weight	803 g
Material	Aluminium and UV-stabilised plastic
Protection type	IP55
Permissible ambient temperature	-25 °C...+50 °C
Colour	white, similar to RAL 9016
ELECTRICAL VERSION	
Control system	ON/OFF
Protection class	II



Product description

- Automatic floodlight with built-in motion detector
- Design lamp made of aluminum extruded profile and plastic
- 18 W, light colour approx. 5000 K white
- Rear Projection technology
- 140° field of detection, range up to 12 m at an installation height of 2.5 m

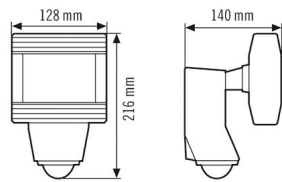
Nominal voltage	230 V AC / 50 Hz
Stand-by consumption	0.5 W
LIGHT	
Diffusor	transparent
Light emission	direct
Beam angle	110 °
Flicker factor	<10 %
Rated output P	18 W
Luminous Flux (light)	1050 lm
Luminous efficacy	58,00 lm/W
Colour temperature	5000 K
Colour rendering index Ra	> 70
L70B10 lifetime at 25 °C	80000 h
Life time L70B50 at 25 °C	100000 h
Life time L80B10 at 25 °C	50000 h
Life time L80B50 at 25 °C	65000 h
Life time L90B10 at 25 °C	25000 h
Life time L90B50 at 25 °C	30000 h
Energy efficiency class	A++ to A
SENSORS	
Detection angle	140°
Detection range diagonally	12 m
Field of detection	176 m ²
Range adjustment	mechanically with included cut to size lens mask
Recommended installation height	2,5 m

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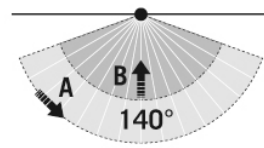
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Scale drawing



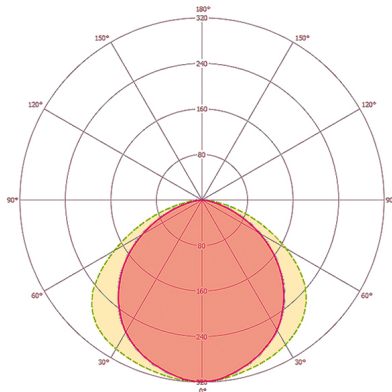
Field of detections



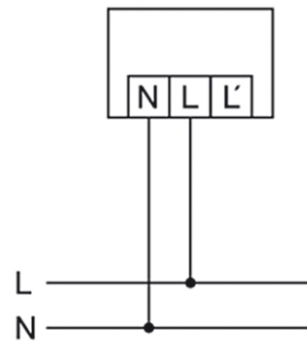
Detection range

Diagonally (A) 12 m

Light distribution

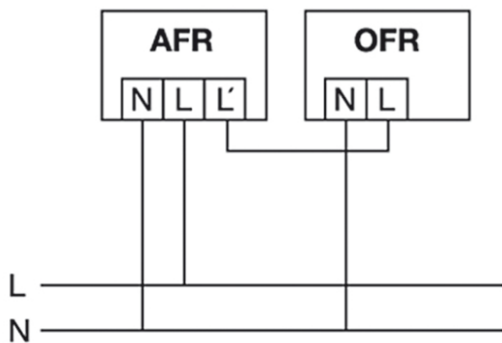


Circuit diagram



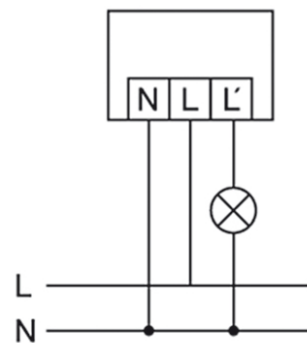
Standard operation

Circuit diagram



Activation of a maximum of 6 OFR 250 lights or 4 OFR 350 lights

Circuit diagram



Standard operation with additional connection of external loads