

## DATA SHEET

### AFR 250 LED 5K

#### Order description

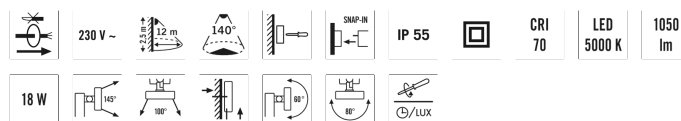
AFR 250 LED 5K black

#### Item number

EL10750212

#### GTIN

4015120750212



#### 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

#### Technical data

GENERAL	
Conformity	CE, RoHS, WEEE
warranty	3-year
MOUNTING	
Installation type	Surface mounting
Mounting location	Wall
HOUSING	
Dimensions	Length 137 mm x Width 132 mm x Height/Depth 216 mm
Weight	1090 g
Material	Aluminium and UV-stabilised plastic
Protection type	IP 55
Permissible ambient temperature	-25 °C...+50 °C
Colour	Black, similar to RAL 9005
Terminal	2,5 mm <sup>2</sup> / 1,5 mm <sup>2</sup>
ELECTRICAL VERSION	
Protection class	II

Nominal voltage	230 - 230 V / 50 Hz
Stand-by consumption	0.5 W
LIGHT	
Diffuser	transparent
Light emission	direkt
Beam angle	110 °
Flicker factor	<10 %
Rated output	18 W
Luminous Flux (light)	1050 lm
Luminous efficacy	58 lm/W
LED service life	L80B10 = 50.000 h
Colour temperature	5000 K
Colour rendering index Ra	> 70
Energy efficiency class	A++ to A
SENSORS	
Detection angle	140°
Detection range diagonally	12 m
Field of detection	44 m <sup>2</sup>
Recommended installation height	2,5 m

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### AFR 250 LED 5K

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AFR 250 LED 5K black

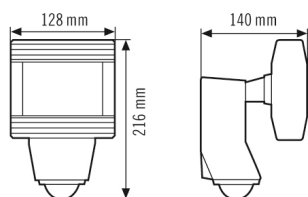
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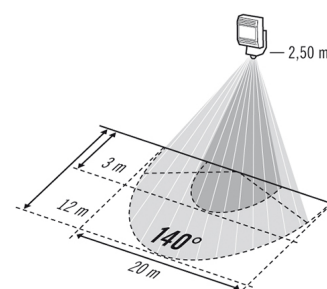
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#### Scale drawing

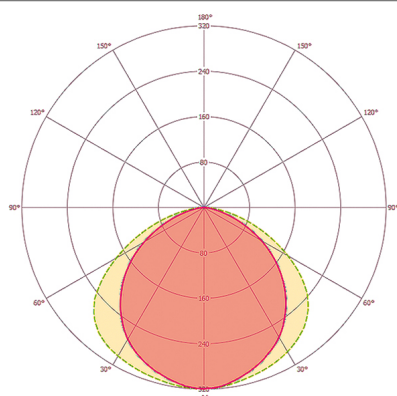


#### Field of detection

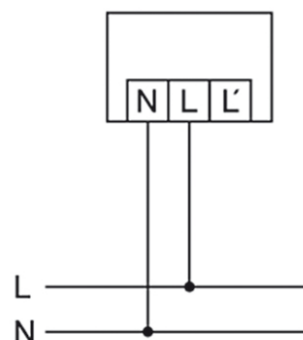


■ Head-on to detector  
■ Passage area / diagonally to detector

#### Light distribution

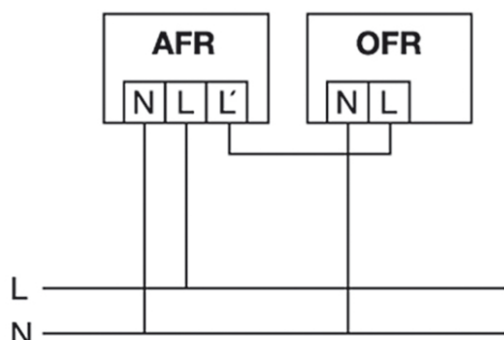


#### Circuit diagram



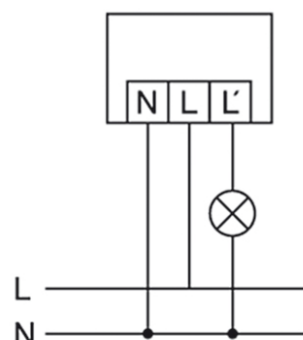
Standard operation

#### 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

**Energy Conservation Solutions Pty Ltd**

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