

DATA SHEET

ESYLUX

MD 180 BASIC white

Item number

EM10055089

GTIN

4015120055089



Technical data

GENERAL

Device category	Outdoor motion detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
User interface	Adjusting controller
Remote controllable	—
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT

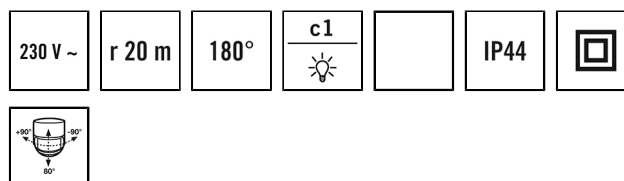
Installation type	Surface mounting
Installation position	Wall
Type of connection	Push terminal
Connectable wire cross section	1,50 – 1,50 mm ²

HOUSING

Dimensions	Length 80 mm x Width 55 mm x Height/Depth 66 mm
Weight	25 g
Material	UV-stabilised polycarbonate
Protection type	IP44
Permissible ambient temperature	-20 °C...+40 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 V AC / 50 Hz
In-rush current	40 A / 20 ms



Product description

- Motion detector with **180° field of detection** for convenient light switching
- Sensing and range adjustment due to revolving and tilting spherical head technology

Offers special product features like:

- One-hand plug-in base
- Zero-cross switching

Power consumption	0,5 W
Stand-by consumption	< 0.5 W

SENSORS

Detection angle	180° horizontally and vertically rotatable +/- 30°
Detection range diagonally	Ø 20 m
Detection range head-on	Ø 10 m
Field of detection	up to 157 m ²
Range adjustment	Mechanical
Recommended installation height	2,5 m
Max. mounting height	3 m
Light measurement	mixed light
Level of brightness	5 - 1000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Push button input HVAC	—
Number of parallel switchable detectors	6
Slave input	—
Constant light control	—
Channel	C1 Lighting
Function	Switching
Switching capacity	230 V/50 Hz 800 W/5 A (cos phi = 1) 500 VA/2,5 A (cos phi = 0,5) 250 W LED
Switch contact	make contact / non-floating
Push button input	—
Impulse mode	—

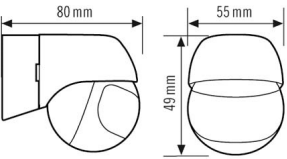
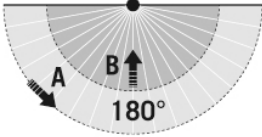
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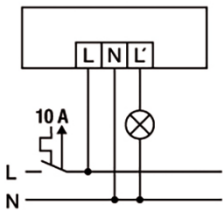
Switch-off delay time	10 s...15 min (adjustable in steps)
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Accessories

Product designation	GTIN
Electrical accessories	
CURRENT LIMITING MODULE 230V	4015120426353

Dimension drawing	Field of detections	Detection range	
		■ Diagonally (A)	Ø 20 m
		■ Frontal (B)	Ø 10 m

Circuit diagram



Standard operation