DATA SHEET

ESYLUX

MD-FLAT-E 360i/8 ROUND WHITE

Item number	GTIN
EP10428548	4015120428548

230 V ~	Ø 8 m	c1			IP20	IR)))

blue mode	☐

Product description

- Design motion detector set, approx. range 8 m in Ø
- 1 channel, switching, with zero-cross switching, optimised for LED lights
- Master/slave (parallel wiring)
- Low profile design with design covers + H1:H2: round, including PD-FLAT installation box, white - variably interchangeable (alternative: glass, square, black)

Offers special product features like:
- Zero-cross switching
- Simple parameterisation, remote control and documentation with ESY-Pen and ESY-App

5 YEARS MANUFACTURER WARRANTY
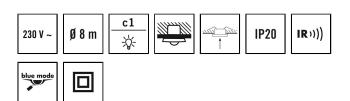
Technical data

GENERAL

Product-specific information	Configuration only possible via ESY-Pen, ESY-App and remote control
Warranty	5 years
Device category	Ceiling-mounted motion detector
Product information	Please note the Explanation of circuit breaker in the download area of the product!
Included in delivery	Lens mask and recessed ceiling mounting kit included
User interface	IR remote control with "blue mode" technology
Remote controllable	✓
Conformity	CE, EAC, RoHS, WEEE

ATTACHMENT

Installation type	Recessed mounting
Installation position	Ceiling
Installation dimension	Installation depth: 70 mm, Ø 63 mm
Type of connection	Push terminal
Connectable wire cross section	1.50 − 2.50 mm²

HOUSING

Dimensions	Height/Depth 76 mm, Ø 94 mm
Weight	116 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Permissible ambient temperature	0 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION

Control system	ON/OFF
Protection class	II
Nominal voltage	230 − 230 V ~ / 50 − 50 Hz
In-rush current	78 A / 5 ms
Power consumption	0.3 W

SENSORS

Detection angle	360°
Detection range diagonally	Ø 8 m
Detection range head-on	Ø 6 m
Field of detection	up to 50 m²
Recommended installation height	2.5 m
Max. mounting height	5 m
Light measurement	mixed light
Level of brightness	5−2000 lx

CHANNELS (LIGHTING / HVAC)

Number of light channels	1
Push button input lighting	1
Push button input HVAC	−
Number of parallel switchable detectors	10
Slave input	−
Mode	Semi-automatic, Fully automatic
Switching delay from "dark to light"	0 s
Switching delay from "light to dark"	30 s
Constant light control	−
Channel	**C1** Lighting
Function	Switching

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Switching capacity	230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED
Switch contact	make contact / non-floating

Push button input	✓
Impulse mode	✓
Switch-off delay time	60 s...30 min (adjustable in steps)

Factory settings

GENERAL

Sensitivity	100 %

CHANNELS (LIGHTING / HVAC)

Channel	**C1** Lighting

Operating mode	fully automatic
Level of brightness/switching threshold	100 lx
Switch-off delay time	5 min

Accessories

Product designation	Item number	Product description	GTIN
Cover			
FLAT COVER ROUND WH	EP00007231	Cover for FLAT series, round, white	4015120007231
FLAT COVER ROUND BK	EP00007279	Cover for FLAT series, round, black	4015120007279
FLAT COVER ROUND GY	EP00007316	Cover for FLAT series, round, grey	4015120007316
FLAT COVER LARGE ROUND WH	EP10428579	Cover for FLAT series, 105 mm, round, white	4015120428579
FLAT COVER LARGE ROUND BK	EP10428098	Cover for FLAT series, 105 mm, round, black	4015120428098
FLAT COVER SQUARE WH	EP00007248	Cover for FLAT series, square, white	4015120007248
FLAT COVER SQUARE BK	EP00007286	Cover for FLAT series, square, black	4015120007286
FLAT COVER GLASS ROUND WH	EP00007255	Cover for FLAT series, glass, round, white	4015120007255
FLAT COVER GLASS ROUND BK	EP00007293	Cover for FLAT series, glass, round, black	4015120007293
FLAT COVER GLASS ROUND GY	EP00007323	Cover for FLAT series, glass, round, grey	4015120007323
FLAT COVER GLASS SQUARE WH	EP00007262	Cover for FLAT series, glass, square, white	4015120007262
FLAT COVER GLASS SQUARE BK	EP00007309	Cover for FLAT series, glass, square, grey	4015120007309
Protection			
BASKET GUARD ROUND LARGE	EM10425608	Basket guard for presence and motion detectors and smoke detectors, Ø 180 mm, height 90 mm	4015120425608
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
Remote control			
ESY-Pen	EP10425356	ESY-Pen and ESY-App, two tools for every task: (1) Parameterisation, (2) remote control, (3) light measurement, (4) project management	4015120425356
REMOTE CONTROL MDi/PDi	EM10425509	IR remote control for presence detectors and motion detectors	4015120425509

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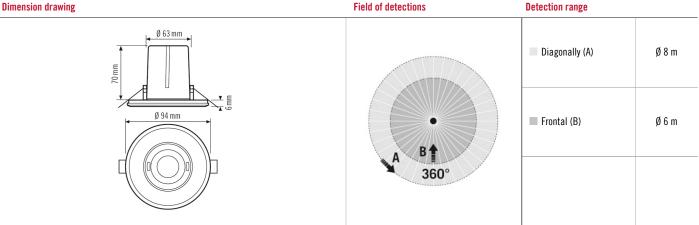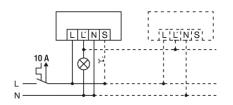## MD-FLAT-E 360i/8 ROUND WHITE

Item number	GTIN
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Dimension drawing

Field of detections

Detection range

Diagonally (A)		Ø 8 m
Frontal (B)		Ø 6 m

Circuit diagram

Standard operation

Detailed product description

- Design motion detector, approx. range 8 m in Ø
- 1 channel, switching, with zero-cross switching, optimised for LED lights
- Master/slave (parallel wiring)
- Low profile design with plastic design covers: round, including PD-FLAT installation box, white - variably interchangeable (alternative: glass, square, black)
- Flush mounting and ceiling flush mounting
- Switch input