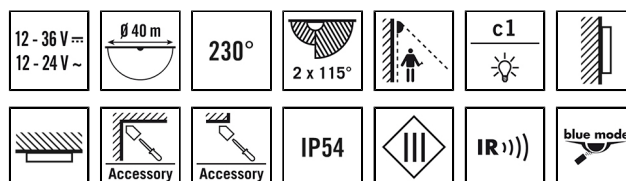


## RC 230i UC

**Item number**      **GTIN**  
 EM10015649      4015120015649



### Product description

- Motion detector with 230° field of detection and large range
- 360° creep protection for unbroken coverage, can be switched off by remote control
- Default settings ensure immediate operability
- Simple programming using remote control with "blue mode" technology.

### Technical data

GENERAL	
Device category	Outdoor motion detector
Special product features	Simple programming using remote control with "blue mode" technology
User interface	Adjusting controller, IR remote control
Remote controllable	✓
Conformity	CE, RoHS, WEEE
Warranty	5 years
ATTACHMENT	
Installation type	Surface mounting
Installation position	Ceiling / wall
Type of connection	Push terminal
Connectable wire cross section	1,50 - 2,50 mm <sup>2</sup>
HOUSING	
Dimensions	Length 135 mm x Width 78 mm x Height/Depth 105 mm
Weight	309 g
Material	UV-stabilised polycarbonate
Protection type	IP54
Permissible ambient temperature	-25 °C...+55 °C
Relative humidity	5 - 95 %, non-condensing
Colour	white, similar to RAL 9010
ELECTRICAL VERSION	
Protection class	III

Nominal voltage	12 - 24 V
Power consumption	0,3 W

SENSORS	
Detection angle	230° (2 x 115° separately adjustable) and 360° creep protection
Detection range diagonally	Ø 40 m
Detection range head-on	Ø 16 m
Detection range creep protection	Ø 6 m
Field of detection	up to 804 m <sup>2</sup>
Recommended installation height	2,5 m
Max. mounting height	4 m
Light measurement	mixed light

CONTROL	
Number of light channels	1
Push button input HVAC	–
Slave input	–
Konstantlichtregelung	–
Channel 1	Lighting
Interface	Switching
Contact	make contact / non-floating
Push button input channel 1	–
Switch-off delay channel 1	15 s...30 min
Master/slave function	–
Manual override	No

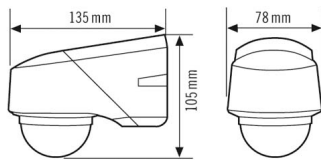
## RC 230i UC

Item number	GTIN
EM10015649	4015120015649

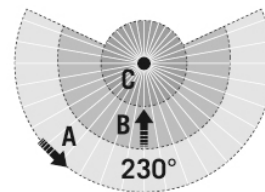
### Accessories

Product designation	Item number	GTIN
RC REMOTE CONTROL	EM10016004	4015120016004
REMOTE CONTROL USER	EM10016011	4015120016011
RC EDGE MOUNTING WH	EM10016110	4015120016110
ESY-Pen	EP10425356	4015120425356

### Scale drawing



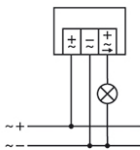
### Field of detections



### Detection range

Diagonally (A)	Ø 40 m
Frontal (B)	Ø 16 m
creep protection (C)	Ø 6 m

### Circuit diagram



Standard operation