

IS 2160 ECO

Huge flexibility.

At a tiny price.

Inexpensive, good and ideally suited to small premises, garage approaches and entrance ways. Not only impressing with outstanding value for money, this sensor also provides incredible flexibility: the detection zone can be adjusted to suit any situation simply by tilting and turning the sensor head.




infrared
sensor 160°


max. 12m

600w
max.


IP54


1,8-3m


40° horizontal
70° vertical


2-2000 lux

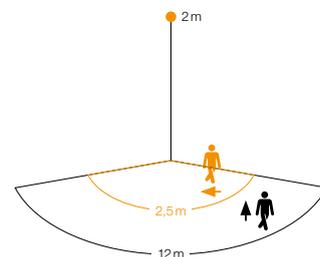
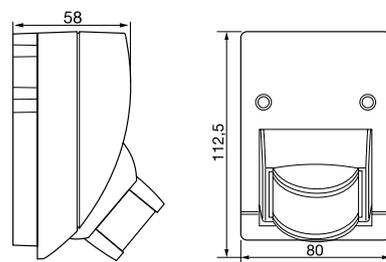

8sec-35min


energy
saving

5 JAHRE
GARANTIE
manufacturer's
warranty



EAN IS 2160 ECO, white	4007841 606015
EAN IS 2160 ECO, black	4007841 605919
Type	Motion detector
Dimensions (H x W x D)	113 x 78 x 73 mm
Power supply	230-240V, 50Hz
Sensor type	Passive infrared
Where to use	Indoors and outdoors
Installation	Wall
Mounting height	1.8-3m
Recommended mounting height	2 m
Output	max. 600 W (resistive load), max. 4 fluorescent lamps / LED lamps, $C \leq 88 \mu\text{F}$ max. 500 VA ($\cos \phi = 0.5$)
Angle of coverage	160° with 40° angle of aperture
Capability of masking out individual segments	Yes
Swivelling range	40°
Tilting range	70°
Reach	max. 12m
Sensor system	5 detection levels, 260 switching zones
Twilight setting	2-2000lx
Time setting	8 sec-35 min
IP rating	IP54
Temperature range	-20 to +50°C



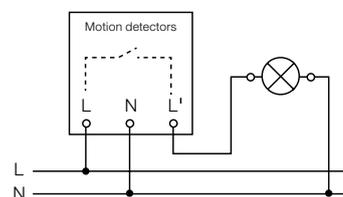
IS2160ECO detection zone
Possible mounting height: 1.8-3 m
Orange: radial
Black: tangential



White



Black



For solo operation only.

Further circuit diagrams starting on page 82

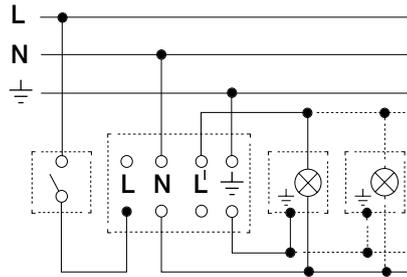
UV-resistant plastic



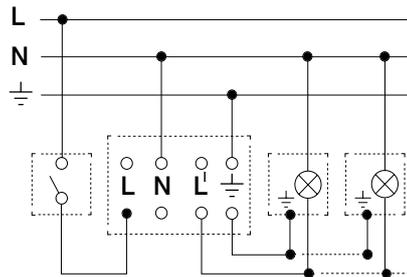
Wiring diagrams for 2000 ECO series

Connections for: IS 2180-5 / IS 2180-2 / IS 300 / IS 2160 ECO / IS 2180 ECO / IS 2360 ECO / IS 2360-3 ECO / IS 2360 DE ECO / IR 2180 concealed ECO

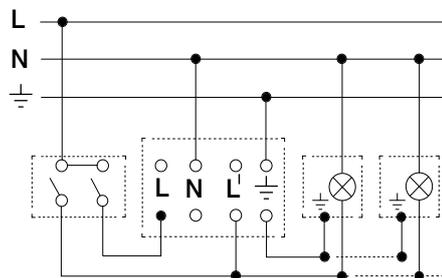
Light without neutral conductor



Light with neutral conductor



Connection using two-circuit switch for manual and automatic operation



Connection via a two-way switch for manual override and automatic operation

Setting I: automatic operation
 Setting II: manual operation
 Manual override for constant light
 Note: The system cannot be switched OFF, it is only possible to select operation via setting I or II.

