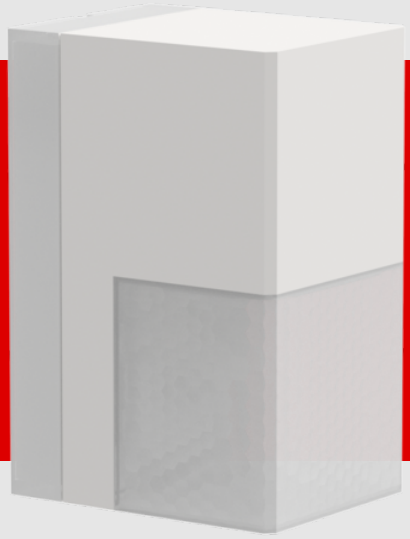
B.E.G. LUXOMAT® net



Aleum Glow WB KNXs

Prod.No. 93584 EAN: 4007529935840

KNX PIR outdoor motion detector with 180° detection range and a range of up to 16 m (400 m²), featuring anti-creep protection and ambient lighting

Order data

Designation	Colour	Art.No
Aleum Glow WB KNXs	white	93584

Areas of application

- outdoor areas (entrances/access roads)
- parking areas
- underground car parks
- corridors/hallways
- staircases

Technical data

Voltage:	via KNX BUS / 30 V DC (auxiliary voltage)
Dimensions:	105 x 54 x 71 mm
Typ. power input:	17.5 mA (KNX) 65 mA (30 V auxiliary voltage)
Power consumption:	3 W
Detection area:	horizontal 180° (Wall mounting)
Range:	max. 16 m across max. 5 m towards max. 3 m creep protection
Monitored area (tangential movement):	400 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 4 m / 2.5 m
Degree / class of protection:	IP54 / Class III
Impact strength:	IK03
Ambient temperature:	-25 °C to +50 °C
Temperature measurement range:	-20 °C to +45 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Number of light sensors:	1
Number of PIR sensors:	4
KNX TP 256:	Yes
KNX Secure:	Yes
Connections and wires:	KNX bus terminal black/red Bus terminal yellow/white (power supply), undeterred
Orientation light:	5 – 100 % / OFF / 1 min – 255 min
Night light:	5 – 100 %
Brightness set value:	5 – 2000 Lux

Product information

KNX presence detector for indoor and outdoor use

KNX Secure ready

Ambient lighting with orientation light and night light function (RGB)

HCL/RGB control

Individual adaption of detection sensitivity for each PIR sensor

PIR sensors can be deactivated individually

Direction of movement can be identified

Mixed light measurement using internal and remote (optional) light sensors

Intelligent semi-automatic mode, occupancy-independent regulating mode (photoelectric switch), full automatic mode

1 x light output (for regulating or switching), 1 x slave output, 3 x HVAC outputs (separately programmable)

Regulation of up to three lighting groups using offset (external influence possible)

Short presence, self-adjusting follow-up time, corridor function

Various locking functions

Soft-start

Two logic modules

Recall of light scenes

Deactivatable status indicators

Creep protection

Detection area can be extended thanks to master-slave-mode

Extensive optimization options for light measurement

Measured light value is communicated to the bus

Adaption of dimming curve

Bidirectionally remote control-capable with the IR adapter and the B.E.G. smartphone app

PIN code

IR remote control-capable via IR remote control (optionally)

HVAC mode (0=automatic, 1=comfort, 2=stand-by, 3=economy, 4=antifreeze/heat protection)

Manual influence via external KNX push buttons possible

Function control (heartbeat, cyclical sending)

Occupancy simulation

Forced switch-off

Intelligent central-off function

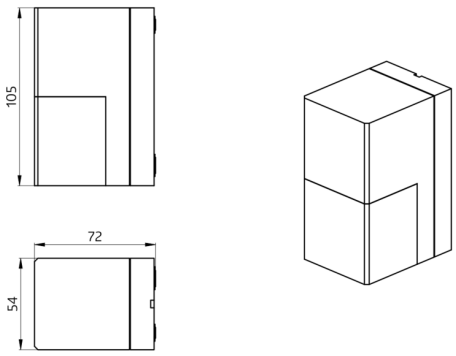
Premonition of switch-off

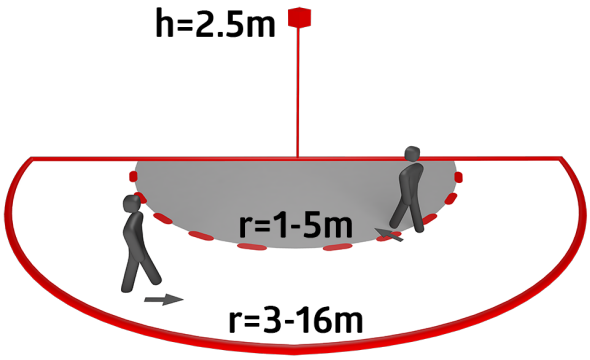
Behaviour upon bus voltage return definable at choice

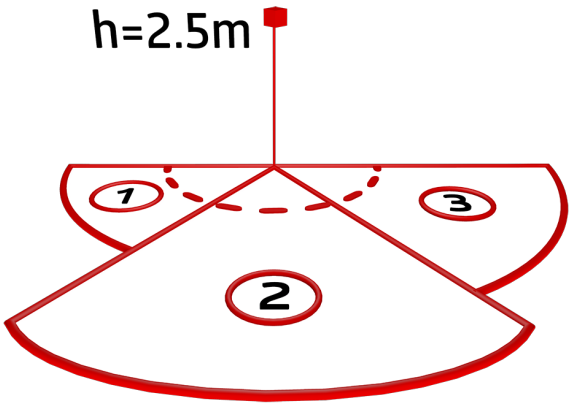
Variable safety pause after switching off the lights

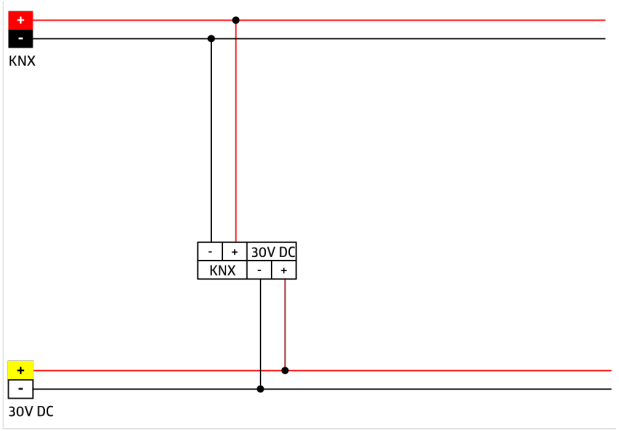
The product database can be downloaded from the B.E.G. homepage or imported directly from the ETS online catalogue

Application examples:
outdoor areas (entrances/access roads), parking areas, underground car parks, corridors/hallways, staircases


105
72
54


h=2.5m
r=1-5m
r=3-16m


h=2.5m
1
2
3


+
-
KNX
-
+
30V DC
KNX
-
+
+
-
30V DC