



Aleum Glow AD KNXs

Prod.No. 93585 EAN: 4007529935857

KNX PIR outdoor motion detector with 180° detection angle 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 AD KNXs	anthracite	93585

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) max. 16 m across max. 5 m towards
Range:	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:	anthracite mat, similar to RAL7016
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



