iHF 3D KNX - anthracite

MOTION DETECTOR

EAN 4007841059620
E-Nr. 535940401

- Control unit for adjusting the detection zone along 3 axes
- Control dials behind the designer trim panel
- iHF sensor protected in enclosure
- UV-resistant plastic

120 x 117 x 120 mm



iHF 3D KNX - anthracite

MOTION DETECTOR

EAN 4007841059620
E-Nr. 535940401

Technical Data

IDENTIFICATION

Version	Motion detectors

DIMENSIONS

Dimensions L × W × H	120 x 117 x 120 mm

ELECTRICAL

Supply voltage detail	KNX bus

SENSOR TECHNOLOGY

Max. mounting height	2,00 m
Sensor technology	iHF (intelligent high-frequency technology)
Transmission power	< 1 mW
HF technology	5,8 GHz
With motion detector	Yes
Detection angle	160 °
Opening angle	100 °
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	Yes
Mechanical scalability	No
Range detail	Detection zone adjustable on 3 axes
Radial range	r = 5 m (35 m²)
Tangential range	r = 5 m (35 m²)
Mounting height	1,80 – 2,00 m
Optimal mounting height	1,8 m

CONNECTIVITY

Networking	Yes
Type of networking	Master/master\nMaster/slave
KNX functions	Photo-cell controller\nBasic light level function\nLight level\nLight output 2x\nPresence output\nDay / night function\nLogic gate\nDirection of movement\nDistance\nSabotage protection
With bus coupler	Yes
Control technology	On/Off-Leuchte

LIGHTING TECHNOLOGY

Soft light start	Yes
Continuous light	selectable
Constant light regulation	No

SETTINGS

Twilight switch	Yes
Twilight setting	10 – 2000 lx
Time setting	10 s – 1092 Min.
Base light function	Yes
Base light function time	10s - 18h 12min 15s
Main light adjustable	0 - 100 %
Functions	Presence detector logic
Settings via	software\nBus\nBluetooth\nApp\nPot
Twilight setting teach	Yes
Base light function in percent	0 – 100 %
Base light function percent from	0 %

HOUSING & MATERIAL

Protection class (IP)	IP54
Ambient temperature	from -20 up to 50 °C
Housing material	Plastic
Mounting location	wall
Application location	Outdoors
Mounting type	Surface wiring
Material	Plastic
Application room	all round the building courtyard & driveway front door outdoors terrace / balcony
Colour	Anthracite
RAL colour	7016

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

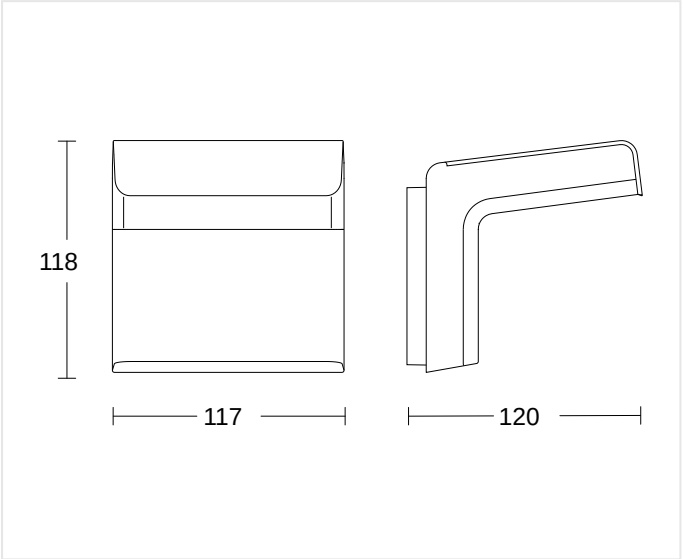
iHF 3D KNX - anthracite

MOTION DETECTOR

EAN **4007841059620**
E-Nr. **535940401**

Illustrations

TECHNICAL DRAWINGS



120 x 117 x 120 mm

MOUNTING HEIGHT

1,80 – 2,00 m	1,8 m	2,00 m
BEREICH	OPTIMAL	MAX

iHF 3D KNX - anthracite

MOTION DETECTOR

EAN **4007841059620**
E-Nr. **535940401**

Accessories

ORDERING INFORMATION

Art.-Nr.	4007841059620
EAN	4007841059620
E-Number	535940401
Typ	**iHF 3D KNX - anthracite**

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss