



85342279

## IR motion detector comfort 2.2 m, K.1, polar white glossy

### Technical characteristics

#### Architecture

Fixing mode	flush-mounting
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#### Functions

Mode of operation	μ-processor controlled mode of operation
Function	Teach function for response brightness via button, with keylock, Party function for switching on for 2 hours, with memory function for presence simulation
Operating mode	step operation with immunity time (e.g. for stair light/impact current circuits)

#### Controls and indicators

Button / push-button	with button for on/off/automatic
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#### Dimensions

Assembling height	34 mm
Nominal mounting height	2.2 m

#### Tripping

immunity time	≈ 10 s
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#### Measurement

Detection field, rectangular shaped	≈ 8 x 12 m
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#### Reach distance

Range, frontal	≈ 8 m
Range, side	each ≈ 6 m

#### Detection

Number of detection levels	3
Detection angle, settable	each side ≈ 45...90 °
Detection field Ø, on floor	0 m

#### Materials

Colour of design line	polar white
Colour	polarwhite
Material	thermoplastic

#### Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation
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#### LED control

LED

with operation and status LED, red/green/orange,  
LED application module/insert compatibility display**Settings**

Response value luminosity adjustable	Yes
Response value sensitivity adjustable	Yes
Response sensitivity, settable	10...100 %
Short time mode	200 ms
Delay time	≈ 180 s
Delay time, adjustable	≈ 10 s...30 mn
Switch-off pre-warning to dimming value 50% for	30 s

**Safety**

Protection index IP	IP20
REACH conform	No
RoHS conform	Yes
Halogen free	No
Protection	with dismantling protection

**Use conditions**

Operating temperature	-5...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

**Identification**

Application, usage	Light control, Motion detector
Main design line	Berker K.1
Secondary design line(s)	Motion detector, Berker K.1