TRE600

2,5 m

quicklink

IP55

tebis
quicklink

LED floodlight with PIR 220/360° RF QL white

Technical properties

Architecture

Bus system	KNX

Functions

Mode of operation	µ-processor controlled mode of operation
ETS additional functions	ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
Function	easy additional functions: +6 scenes, on/off operating mode, scene call-up upon motion/no motion ; reset function (to factory setting) ; with memory function for presence simulation ; Party function for switching on for 2 hours ; Teach function for response brightness via button ; with keylock ; Switch-off pre-warning on dimmer inserts
Light scenes	scene opening via KNX radio appliances ; scene saving lockable
Quicklink functions	quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave

Compatibility

Extension unit	optional operation of extension units using installation push-button

Controls and indicators

Operation	remote control via quicklink transmitter
Button / push-button	with configuration and function button ; with button for on/off/automatic/memory/party function

Connectivity

Number of binary inputs	1
Radio protocol	KNX Radio
Receiver category	2

Main electrical features

Frequency	50/60 Hz

Dimensions

Recommended installation height	2.5...4 m
Nominal mounting height	2.5 m

Frequency

Radio transmission frequency	868.3 MHz

Power

Subject to technical modifications

Radio transmission power	< 10 mW

Measurement

Detection Method	Passive Infrared

Reach distance

Range, frontal	≈ 12 m
Range, side	each ≈ 8 m

Cover, door

Cover	with push-on cover to limit the detection field

Detection

Number of detection levels	2
Detection angle	360 °
Angle of vertical detection	100 °
Detection angle, settable	each side ≈ 45...90 °
Frontal detecting distance	12 m
Side detecting distance	8 m

Materials

RAL colour	RAL 9010 - Pure white
Surface appearance	matt

Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation
Lumen	3400 lm

LED control

Power LED	60 W
LED	with operation and status LED, red/green/orange ; with configuration and function LEDs

Installation, mounting

Maximum Mounting Height	4 m
Installation mode	for wall mounting ; Plug + Play connection

Connection

Conductor cross-section (flexible)	1...1.5 mm²
Conductor cross-section (rigid)	1...1.5 mm²
Type of connection	with Sanvis terminal
Bus connection	integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

Settings

Response sensitivity, settable	10...100 %
Delay time, adjustable	≈ 5 s...15 mn
Switch-off pre-warning to dimming value 50% for	30 s

Scope of delivery

Bus connection included	Yes

Subject to technical modifications

Equipment

Number of radio channels	1
Substation input	No
Number of channels	1
Number of quicklink links	max. 20 transmitter/receiver
Transmitter duty cycle	1 %
Angle of horizontal detection	360 °
Slewing	sensor can be swivelled ; LED spotlight horizontally adjustable 180° ; LED spotlight vertically adjustable 340°

Safety

REACH conform	Yes
RoHS conform	Yes
Protection	with crawl-under protection

Use conditions

Operating temperature	-20...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

Identification

Application, usage	Motion detector ; KNX radio- sensors