



TRE600



**IP55**



**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**

**Measurement**

Detection Method	Passive Infrared
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**Reach distance**

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

**Cover, door**

Cover	with push-on cover to limit the detection field
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**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 mm <sup>2</sup>
Conductor cross-section (rigid)	1...1.5 mm <sup>2</sup>
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
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**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°
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**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
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