



## LED floodlight with PIR 220/360 RF QL

TRE600

### Architecture

Bus system	KNX
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### Functions

- $\mu$ -processor controlled mode of operation
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- 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
- scene opening via KNX radio appliances
- scene saving lockable
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button, Memory, forced control, Master-Slave

### Compatibility

- optional operation of extension units using installation push-button

### Controls and indicators

- remote control via quicklink transmitter
- 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
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### Frequency

Radio transmission frequency	868,3 MHz
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### Power

Radio transmission power	< 10 mW
- low intrinsic energy requirement	

### Endurance

Transmitter duty cycle	1 %
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### Measurement

Relative humidity (without condensation)	0 65 % (without condensation)
Detection Method	Passive Infrared

### Reach distance

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

### Cover, door

- with push-on cover to limit the detection field

### Detection

Number of detection levels	2
Frontal detecting distance	12 m
Side detecting distance	8 m
Detection angle	360 °
Angle of vertical detection	100 °
Detection angle, settable	each side ~ 45 90 °
Diameter of the floor detection area	16 m

### Materials

RAL colour	RAL 9010 - Pure white
Material	PC-ABS
Surface appearance	matt

### Dimensions

Nominal mounting height	2,5 m
Recommended installation height	2,5 4 m

### Lighting control

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

#### LED control

Lighting power LED lamps	60 W
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- with operation and status LED, red/green/orange
- with configuration and function LEDs

#### Installation, mounting

Maximum Mounting Height	4 m
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- for wall mounting
- Plug + Play connection

#### Connection

Conductor cross-section (flexible)	1 1,5 mm <sup>2</sup>
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Conductor cross-section (rigid)	1 1,5 mm <sup>2</sup>
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- with Sanvis terminal
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system

#### Settings

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

Number of radio channels	1
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Number of quicklink links	max. 20 transmitter/receiver
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Number of channels	1
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Transmitter duty cycle	1 %
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Angle of horizontal detection	360 °
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- sensor can be swivelled
- LED spotlight horizontally adjustable 180°
- LED spotlight vertically adjustable 340°

#### Safety

- with crawl-under protection

#### Use conditions

Operating temperature	-20 45 °C
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#### Identification

Application, usage	Motion detector, KNX radio-sensors
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