

LEDVANCE ST8 Connected sensor Low Bay / High Bay sensor Generation2

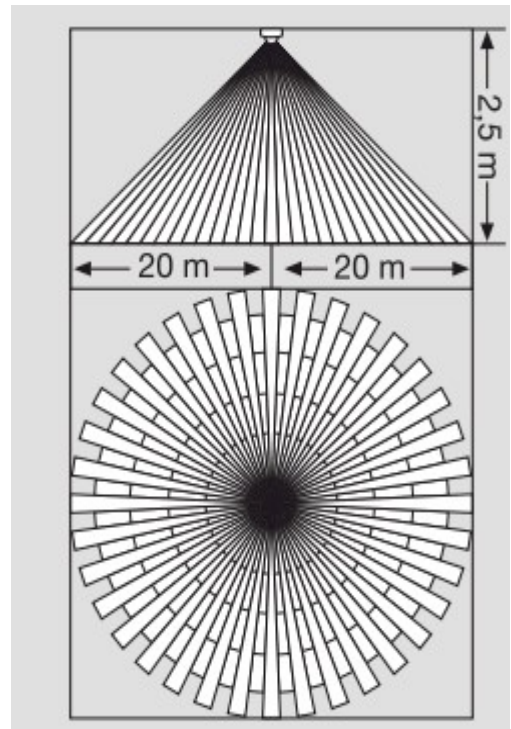
Low bay sensor datasheet



- Passive Infrared sensor
- AC mains connection
- 2nd generation enables master and slave sensor concept wireless
- IP 54 (indoor use)
- Applicable in car parks, storage room
- Turn on/off, dim according to detection and daylight variation (step dim)
- Adjustable via Connected Sensor remote control

Low bay Sensor Technical Features

Technical specifications	
Dimensions	65 X 95 X 95mm
Voltage	220-240V, 50/60Hz
Power (W)	1W
Sensor type	Passive Infrared
Installation	Ceiling (surfaced mounted)
Recommended installation height	Up tp 4.0m
Detection Angle	360° with 180° angle of aperture
Reach	Max 20m max (tangential)
Ambient temperature	-20 – 50 °C
Time setting	1 -10min
Daylight ambient setting	2-1000lux



LEDVANCE ST8 Connected sensor Low Bay / High Bay Generation2

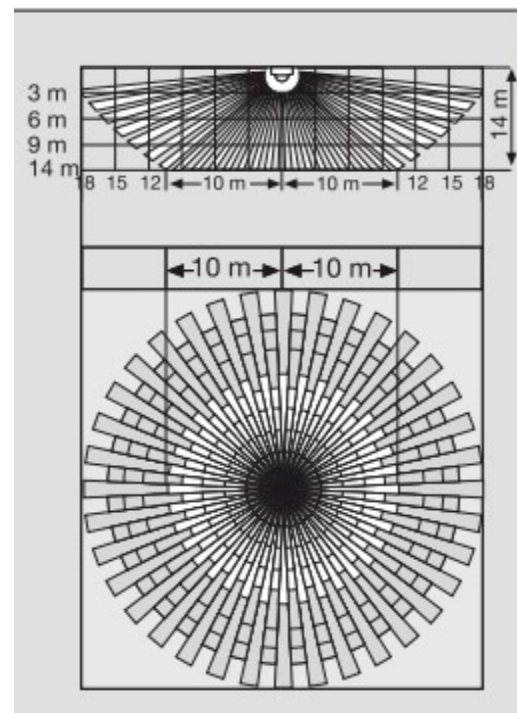
High bay sensor datasheet



- Passive Infrared sensor
- AC mains connection
- IP 54 (indoor use)
- Applicable in industrial halls and business premises
- Extra large detection zone up to 14m height
- Turn on/off, dim according to detection and daylight variation (step dim)
- Adjustable via LEDVANCE Connected Sensor remote control

High bay Sensor Technical Features

Technical specifications	
Dimensions	65 X 95 X 95mm
Voltage	220-240V, 50/60Hz
Power (W)	1W
Sensor type	Passive Infrared
Installation	Ceiling (surfaced mounted)
Recommended installation height	4.0-14.0m
Detection Angle	360°
Ambient temperature	-20 – 50 °C
Time setting	1-10min
Daylight ambient setting	2-1000 lux



Mounting height	Reach
14 m	10 m
9 m	14 m
6 m	16 m
2.8 m	18 m

Connected system works with

4058075187337	ST8AU-0.6M 7,5W/840 220-240VCON
4058075187351	ST8AU-0.6M 7,5W/865 220-240VCON
4058075187375	ST8AU-1.2M 16W/840 220-240V CON
4058075187399	ST8AU-1.2M 16W/865 220-240V CON
4058075187634	ST8AU-1.5M 24W/840 220-240V CON
4058075187658	ST8AU-1.5M 24W/865 220-240V CON

Connected sensor

4058075232969	Connected Sensor ST8 LB Gen2
4058075232983	Connected Sensor ST8 HB Gen2

Connected sensor remote control

4058075374034	CONNECTED SENSOR REMOTE 10X1
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- During installation, the electric power cable to be connected must not be live. Therefore, switch off the power first and use a voltage tester to make sure the wiring is off-circuit.
- Installing the sensor involves work on the mains power supply. This work must therefore be carried out professionally in accordance with national wiring regulations and electrical operating conditions

Proper use

- The motion detector is equipped with pyro sensors that detect the invisible heat emitted from moving objects (people, animals etc.). The heat detected in this way is converted electronically into a signal that switches a connected load ON (e.g. a light). Heat is not detected through obstacles, such as walls or panes of glass. Heat radiation of this type will, therefore, not trigger the sensor. Optionally, all function settings can be made via LEDVANCE Connected Sensor on the floor.
- **Electrical installation**
The mounting location should be at least 50 cm away from other lights because heat radiated from these may activate the system. The supply lead consist of two wires L = phase conductor (usually black, brown or grey) N =neutral conductor (usually blue)
- **Surface mount installation**
If the rubber seal is damaged, the cable entry openings must be sealed with an M16 or M20 (at least IP54) double seal cable gland.
- **Mounting**
Select an appropriate mounting location, taking the reach and motion detection into consideration
- **Connectivity**
2.4 GHz mesh networking technology.
- wireless communication from sensor to first to tube is 15m (free air).
- **With remote control**
adjustable sensor parameters depending on the application.
- **Master and slave communication**
- **For installation and operation please see user instruction at**