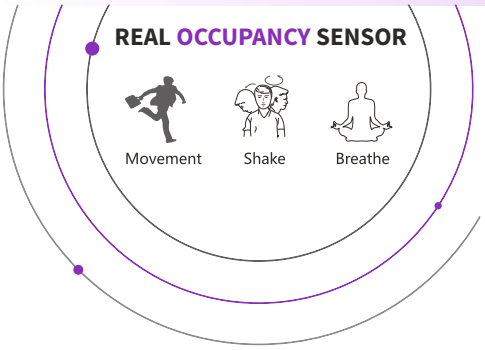
LED LITE™
Energy Saving LED

GUARANTEED 3 YEAR LONG LAMP LIFE

LTOSR Recessed Ceiling Mounted Occupancy Sensor - IP65 White

The LTOSR Real Occupancy Sensor leverages advanced 24GHz Millimeter Wave Radar technology to deliver unparalleled precision in detecting human presence. Unlike traditional motion sensors, this device goes beyond sensing large movements, such as walking, to identifying subtle actions like hand gestures, head tilts, and even the delicate fluctuations caused by breathing. Equipped with a highly responsive relay mechanism, the sensor ensures seamless on/off switching based on detected activity, enhancing efficiency and energy savings. Its sensitivity and reliability make it ideal for diverse applications, including office spaces, smart homes, and public facilities, where accurate occupancy detection is essential.

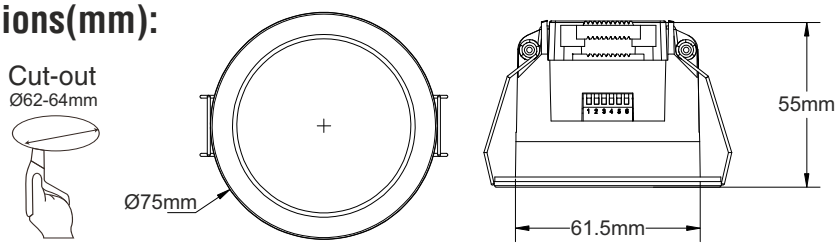
Compact and easy to install, the LTOSR Real Occupancy Sensor is a cutting-edge solution for creating smarter, more responsive environments.



Features & Benefits:

- 24GHz Radar: Precise motion and presence detection
- High Sensitivity: Detects large and small movements, even breathing
- Energy Saving: Automatic on/off relay switching
- Versatile Use: Suitable for homes, offices, and public spaces
- Surface Mounted: Easy to install with a compact design
- Up to 400W LED / 800W other loads
- IP65 Rated (face)
- Warranty: 3 Years

Dimensions(mm):



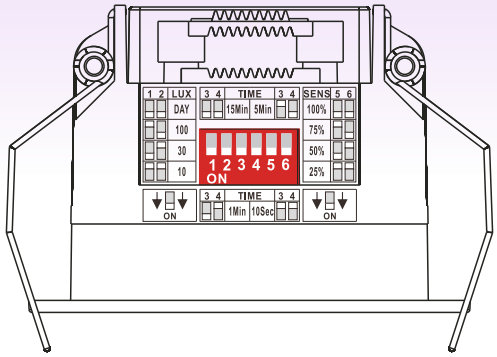
Technical Specifications:

Voltage	AC220-240 V/AC
Frequency	50/60HZ
Rated Load	400W LED / 800W Other Loads
Ambient Light	10lux / 30lux / 100lux / Day 24h Adjustable
Time Delay	10sec / 1min / 5min / 15min Adjustable
Detection Range	360° Ceiling / 180° Wall
Detection Distance	Max 3-4m (radius) Movement / 2-3m (radius) Breath
Power Consumption	<0.90W
Installation Height	2.2-4m
Body Material	PC
Working Temp.	-20 ~ +40°C
IP Rating	IP65 (face)

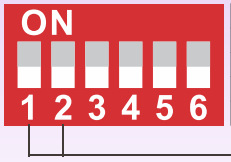
CE UK CA RoHS

LTOSR - Recessed Ceiling Mounted Occupancy Sensor - IP65 White

Sensor Settings:

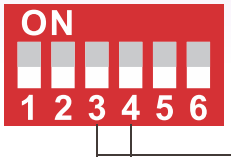


1 Daylight Sensor



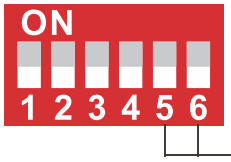
	1	2	range	Ambient light
I	OFF	OFF	<10Lux	very dark
II	ON	OFF	<30Lux	dark
III	OFF	ON	<100Lux	slight light
IV	ON	ON	DAY	whole day

2 Hold Time



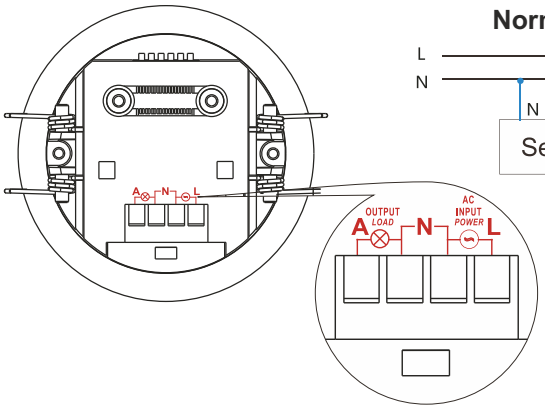
	3	4	delay time
I	ON	ON	15Min
II	OFF	ON	5 Min
III	ON	OFF	1Min
IV	OFF	OFF	10sec

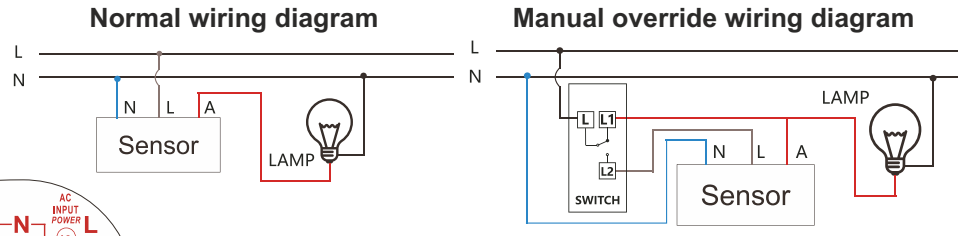
3 Detection Area



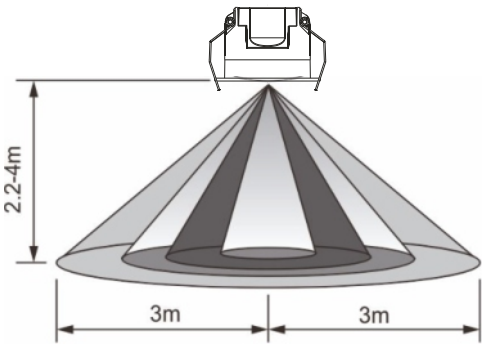
	5	6	sensitivity	detect breathe
I	ON	ON	100%	25m² (5x5m room)
II	OFF	ON	75%	16m² (4x4m room)
III	ON	OFF	50%	4m² (2x2m room)
IV	OFF	OFF	25%	1m² (1x1m room)

Wiring Diagram:

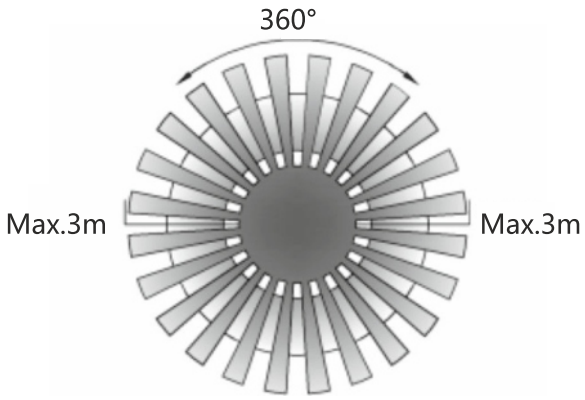




Detection Coverage:



Height of Installation: 2.2-4m



Detection Distance: Max. 6m

Detection Distance
Max 3-4m Radius

Dimension
D75xH55mm

Detection Angle
360°

Max Load Watt
400W LED