

# Brightness & Conservation in One

IKIO **Smart T8 Tube** with PIR Motion Sensor

- | Better **Savings**
- | Enhanced **Controllability**
- | Excellent **Visibility**

# T8 Motion Sensor Tube

## Type A&B

Our **T8 Motion Sensor Tube Type A&B** comes with a PIR Sensor resulting in exceptional lighting and reduced energy and maintenance costs. Its sensing technology supports a 120° sensitive angle with a distance of 6-8 m. The luminaire has a plug-and-play feature, which is compatible with electronic ballast and ballast bypass, direct wire, and single-end or double-end input. Robustly designed with an aluminum heat sink and a polycarbonate cover, this T8 motion sensor tube ensures durability, better heat management, and optimum lighting in all spaces, including schools, offices, hotels, hospitals, and more. Choose T8 Motion Sensor Tube Type A&B for enhanced lighting control and effective illuminance!



### Comfortable

- Uniform light output
- High color homogeneity
- No noise, no UV & IR
- 120° sensitive angle and 6-8 m distance



### Convenient

- PIR motion sensor with 30s-120s interval option
- Complete lighting, slight lighting & on/off induction mode
- G13 socket & rotatable socket options
- Plug & play, compatible with electronic ballast & ballast bypass



### Environmentally-Friendly

- No mercury
- RoHS compliant



### Energy-Efficient

- Protected against short/open circuit
- Built-in surge protection

## Electrical

Power	10 W   12 W   18 W
Voltage	100-277 V
Power Factor	>0.95

## Lighting Performance

Lumens	1750 lm   1860 lm   2430 lm
Efficacy	175 lm/W   155 lm/W   135 lm/W
Color Temperature (CCT)	4000 K   5000 K
Color Rendering (CRI)	>80
Beam Angle	120°

## Environment

Operating Temperature	-4 °F ~ +104 °F
Suitable Location	<b>DRY</b>
Ingress Protection Rating (IP)	IP20

## Lifespan

Average Life (Hours)	50,000
Warranty (Years)	<b>5</b>

## Components

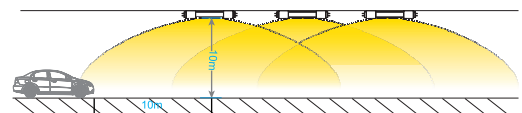
LED Light Source	SMD 2835
Driver	IKIO Internal Driver

## Construction

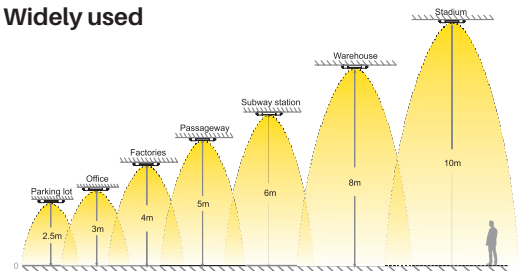
Housing	Aluminum
Cover Material / Lens	PC
Diffuser	Clear   Frosted
Base / Power Supply	G13
Finish	White

## Function

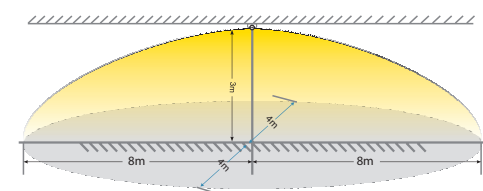
### 1. Special application for underground parking



### 2. Widely used



### 3. Detection radius up to 8 m, diameter up to 16 m



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