

22W 150cm T8 RADAR detector LED Tube Permanent 20% Lighting 2-sides connection

Product codes:

Reference: TLR150



Product features:

Power (W): 22
 Power source (V): 100-240V
 Color temperature CCT: 4000K
 Color temperature CCT: 6500K
 LED: SMD2835
 Lampholder: G13
 Brightness (Lm): 2144
 CRI: +80
 Colour: White
 IP: IP20
 Luminous angle: 180°
 Frequency (Hz): 50-60Hz
 Power factor: 0.90
 Measures (mm): Ø32x1500mm
 Material: Aluminum + PC
 Operating temperature: -20°C ~ +40°C
 Energy efficiency 2021: A+
 Energy efficiency 2023: F
 Lifespan: 30.000h
 Certification: CE - RoHS
 Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Cool white 6500K, Natural white 4000K

Product description:

LED Tube T8 22W 150cm with RADAR Sensor and 20% Permanent Lighting Efficient lighting with integrated motion sensor for greater energy savings.

The **22W LED T8 Tube** is an ideal solution for efficiently lighting spaces, equipped with a **RADAR sensor** that automatically adjusts brightness based on motion detection. With a length of 150cm, a **luminous flux of 2144 lumens**, and two-end connection, this tube provides 20% permanent lighting and increases to 100% when motion is detected.

Made of **aluminum and PC**, the LED tube has a **180° lighting angle** that ensures uniform light distribution. The RADAR sensor has a detection radius of 8 meters, and after 30 seconds without motion detection, it reduces brightness to 20%, consuming only 3W, optimizing energy savings.

Technical Data

- **Power:** 22W
- **Luminous Flux:** 2144 lm

- **Standby Consumption:** 3W (at 20% brightness)
- **Length:** 150cm
- **Dimensions:** Ø32x1500mm
- **Connection:** Two ends (phase on one side, neutral on the other)
- **Lighting Angle:** 180°
- **Material:** Aluminum + PC
- **RADAR Sensor:** Detection radius of 8 meters
- **Response Time:** 30 seconds without motion to reduce to 20%
- **Compatibility:** Suitable for installation in waterproof screens
- **Warranty:** 3 years

Product Advantages

- Integrated RADAR sensor that optimizes energy consumption.
- Permanent lighting at 20%, increasing to 100% when motion is detected.
- Made with durable materials such as aluminum and PC, for greater longevity.
- Easy installation in waterproof screens, ideal for damp or exposed areas.
- Significant energy savings thanks to reduced power consumption in standby mode.

Uses and Applications of the LED T8 150cm Tube with RADAR Sensor

The **LED T8 Tube with RADAR sensor** is an intelligent solution that adapts to a wide variety of environments, offering greater safety, convenience, and energy savings in multiple applications:

- **Garages and Parking Lots:** Ideal for areas where movement is sporadic, ensuring constant lighting at 20% to avoid dark areas, increasing safety. When vehicle or pedestrian movement is detected, it increases to 100%, providing optimal visibility.
- **Hallways and Walkways:** Perfect for hallways in buildings, hotels, offices, or warehouses, where the motion sensor ensures lights are only on when needed, reducing energy consumption in areas with occasional traffic.
- **Warehouses and Industrial Areas:** In industrial or storage areas, 20% lighting ensures visibility at all times, while increasing intensity to 100% when motion is detected improves safety and operability in work areas.
- **Common Areas in Buildings and Offices:** Spaces like receptions, entrances, and common areas in residential or commercial buildings benefit from automatic lighting, providing convenience to users and reducing consumption when no activity is detected.
- **Outdoor Lighting:** Installed in waterproof screens, it is ideal for covered outdoor areas such as loading zones, exterior walkways, or access areas, withstanding adverse weather conditions while maintaining adequate lighting without wasting energy.

Product gallery:

