

18W 120cm T8 RADAR detector LED Tube Permanent 20% Lighting 2-sides connection

Product codes:

Reference: TLR120



Product features:

Power (W): 18
Power source (V): 100-240V
Color temperature CCT: 4000K
Color temperature CCT: 6500K
LED: SMD2835
Lampholder: G13
Brightness (Lm): 1710
CRI: +80
Colour: White
IP: IP20
Luminous angle: 180°
Frequency (Hz): 50-60Hz
Power factor: 0.90
Measures (mm): Ø32x1200mm
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): Natural white 4000K, Cool white 6500K

Product description:

T8 LED Tube 18W 120cm with RADAR Sensor and Permanent 20% Lighting Efficient lighting with an integrated motion sensor for greater energy savings.

The **18W T8 LED Tube** is an ideal solution for efficiently lighting spaces, with an **integrated RADAR sensor** that automatically adjusts brightness based on motion detection. With a length of 120cm, a **luminous flux of 1710 lumens**, and two-end connection, this tube provides permanent 20% lighting and increases to 100% upon detecting movement.

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

Technical Data

- **Power:** 18W
- **Luminous Flux:** 1710 lm

- **Standby Consumption:** 3W (at 20% brightness)
- **Length:** 120 cm
- **Dimensions:** Ø32x1200mm
- **Connection:** Two-end (phase on one side, neutral on the other, in either pin)
- **Beam Angle:** 180°
- **Material:** Aluminum + PC
- **RADAR Sensor:** Detection radius of 8 meters
- **Response Time:** 30 seconds without movement to drop to 20%
- **Compatibility:** Suitable for installation in waterproof fixtures
- **Warranty:** 3 years

Product Advantages

- Integrated RADAR sensor that optimizes energy consumption.
- Permanent 20% lighting, increasing to 100% when movement is detected.
- Made with durable materials like aluminum and PC for greater longevity.
- Easy installation in waterproof fixtures, ideal for wet or exposed areas.
- Great energy savings thanks to power reduction in standby mode.

Uses and Applications of the T8 LED Tube with RADAR Sensor

The **T8 LED Tube with RADAR Sensor** is an intelligent solution that adapts to a wide variety of environments, offering increased safety, comfort, and energy savings in numerous applications:

- **Garages and Parking Lots:** Ideal for areas where movement is sporadic, ensuring constant 20% lighting to avoid dark zones, increasing safety. Upon detecting movement from vehicles or people, it increases to 100%, providing optimal visibility.
- **Corridors and Walkways:** Perfect for corridors in buildings, hotels, offices, or warehouses, where the motion sensor ensures that lights are on only when necessary, reducing energy consumption in occasional transit spaces.
- **Warehouses and Industrial Areas:** In industrial or storage areas, 20% lighting ensures a visible environment at all times, while increasing intensity to 100% upon detecting movement enhances safety and operational efficiency in work areas.
- **Common Areas in Buildings and Offices:** Spaces like lobbies, 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 fixtures, it is ideal for covered outdoor areas such as loading zones, exterior corridors, or access areas, withstanding harsh weather conditions and maintaining adequate lighting without wasting energy.

Product gallery:

