

# PRESENCE SENSOR AND DAYLIGHT DIMMING MODULE

## TLS and TLS-C



TLS Sensor Module as fitted to TLLB+

TL-REMOTE remote control



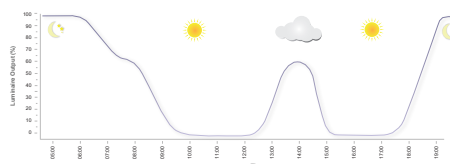
for TLLB+/TLHB+ Warehouse & Coldstore Lights

### Key Features

- Unique PLUG-IN sensors - No wiring required just plug into any TLLB+/TLHB+ warehouse light or TLLB+-C/TLHB+-C Coldstore Light
- Daylight Dimming and Presence/Absence sensing combine to achieve the most economical operating conditions
- Easy to program via the TL-REMOTE remote control
- Works up to 15m
- Works at a radius of up to 15m over 360°
- The right product for the right application
- Operates from -40°C to +50°C
- Sealed to IP52

### Benefits

- Significant energy saving
- No wiring required, just plug in
- Presence/Absence - Saves energy turning the lights out when not required
- Daylight Dimming - Automatically saves energy when daylight is available



### Part Number

- **TLS-2-N**  
Presence and Daylight Dimming Module for TLLB+/TLLB+-C & TLHB+/TLHB+-C
- **TL-REMOTE**  
Remote Control

### Technical Specification

#### Input Voltage (V)

230V +/-10% 50/60Hz

#### Power (W)

Typically <0.5W

#### Range

3m to 15m

#### Working Height

5m to 15m

#### Daylight Dimming

Reduces from 100% to 10% depending on available natural light

#### Presence Sensor

5.8GHz CW Radar, ISM band

#### Sensing Angle (°)

360°

#### Operating Temp. (°C)

-40°C to +50°C

#### Housing

Polycarbonate

#### Dimension

100mm (L) 170mm (W) 51mm (H)

#### Weight

250g

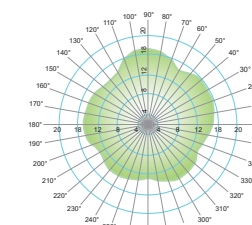
#### IP Rating

IP52

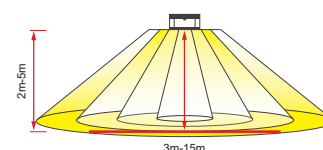
#### Compliance

EN/IEC 60598 1, EN 55015, EN 61547, EN 10302-2

### Light Distribution Graph



### Illumination Intensity Chart



Specifications are nominal values and are subject to normal manufacturing tolerances.