**PRESENCE SENSOR AND DAYLIGHT DIMMING MODULE**
TLS and TLS-C

**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

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

**Light Distribution Graph**

**Illumination Intensity Chart**