



# TBS165 – affordable and efficient

## TBS165

Designed to address the need for energy-efficient basic lighting, the TBS165 luminaire makes it possible to save energy by replacing outdated electromagnetic installations with Philips TL5 technology. Featuring innovative dedicated TL5 optics, a choice of ballasts, sensors (presence detection, daylight regulation) and emergency lighting, the TBS165 range can be used for general lighting in a wide variety of applications, including offices, corridors, schools and shops (supermarkets, DIY). Combining high-frequency gear, sensors and MASTER TL5 lamps, it allows substantial energy savings. The low-height recessed luminaire fits in exposed ceilings. Conveniently, it does not have to be opened, as it has pre-installed lamps and can be connected from the outside.

### Benefits

- Substantial energy savings compared to TL-D solutions with electromagnetic ballasts
- TL5 luminaire with dedicated TL5 optics; highly innovative compared to TL-D
- Easy to install luminaires in low-height ceilings as it measures only 51 mm in height

### Features

- Dedicated TL5 luminaire
- High-gloss as well as matt optics
- Compliant with office lighting norm

### Application

- Offices
- Schools
- Shops (supermarkets, DIY stores)

### Specifications

## TBS165

<b>Type</b>	TBS165 (module size: 600 mm) TBS166 (module size: 625 mm)	<b>Connection (outside housing)</b>	Push-in connection with pull relief (PIP)
<b>Ceiling grid</b>	Module size in length: 600 x 600 mm Module size in length: 625 x 625 mm Exposed T-bar ceiling	<b>Options</b>	Emergency lighting (integrated): - 1 hour (EL1) - 3 hours (EL3) Lighting controls: - Actilume multi controller (ACL) - In HFD versions DALI based - In HFR versions 1-10 V based Luxsense (LX) Safety cable (SC)
<b>Light source</b>	Fluorescent: - 3 or 4 x MASTER TL5 / G5 / 14 W - 2 x MASTER TL5 / G5 / 28 W	<b>Material</b>	Housing: pre-painted steel, RAL9016 based
<b>Lamp included</b>	Yes (lamp color 830 or 840)	<b>Installation</b>	Exposed t-bar ceilings (lay-in)
<b>Gear</b>	Electronic, 220-240 V / 50-60 Hz: - Performer (HFP) - Regulator, 1-10 V (HFR-E) - Regulator, DALI (HFD) - High Frequency (HF)		
<b>Optic</b>	High-gloss aluminum louver with high-gloss 3D lamellas (C6) High-gloss aluminum louver with matt cross lamellas (C3) Matt aluminum louver with matt cross lamellas (M2)		

## Versions

