



Inspiring ambience for
improved performance

PHILIPS
sense and simplicity



TBS495

Modern working in offices requires long hours of work which can be stressful for people. A soothing and comfortable ambience can help in reducing the stress levels and make people relax which helps in improving productivity as well as overall well being of people. Keeping this in mind, Philips has developed TBS495 series of indoor Luminaire. TBS495 is an aesthetically appealing luminaire, and uses a combination of both diffuser as well as mirror optics to create an excellent direct indirect lighting experience. The aesthetics of the luminaire with protruding diffusers, the specially developed high efficiency optics system for the direct indirect lighting experience etc helps in creating a comfortable and pleasing ambience which can motivate people to perform better, communicate more effectively and help in improving the overall productivity of the organization.

TBS495 is an efficient recessed mounting luminaire with high light output level and uses environment friendly high efficiency TL5 lamps.

TBS495



Features

Optics : The luminaire has a combination of both diffuser as well as mirror optics for optimizing comfort and efficiency. The diffuser is made of PMMA and is UV stabilized. Glossy mirror is provided for higher efficiency.

Lamp and ballast : The luminaire is designed for 4 x TL5 14W Lamps; Electronic ballast is provided with the luminaire

Aesthetics : TBS495 offers superior aesthetics with the specially designed optics system. The mirror is placed at the middle of the optics system and has diffusers on both sides. The diffusers have been provided a special shape and they protrude downwards from the ceiling towards the ends of the luminaire, which creates an excellent visual appeal.

Mounting and dimensions : The luminaire is suitable for recessed mounting and has a dimension of 595x595x113mm

Housing : Sturdy CRCA housing, white powder coated

Key benefits

Visually appealing aesthetics, high DLOR, optimization of comfort and efficiency, power factor of 0.99

Dimensional details



Lamp options and important lamp data

Lamp	Type	Lamp Wattage (W)	Color Rendering	Luminous Flux Lamp (lm)
TL5-14W/827	Master TL5 High Efficiency Super 80	14	85	1350
TL5-14W/830	Master TL5 High Efficiency Super 80	14	85	1350
TL5-14W/840	Master TL5 High Efficiency Super 80	14	85	1350
TL5-14W/865	Master TL5 High Efficiency Super 80	14	85	1250
TL5 ESS-14W/865	TL5 Essential Super 80	14	80	1160

Key benefits of TL5 lamps

- Up to 39% energy savings w.r.t. conventional fluorescent system. Lower W/m²
- Reliable life time of 24k hrs and excellent lumen maintenance
- Designed for HF-operation: Flicker free, dimming, presence detection and daylight control
- Lowest mercury content of 1.4 mg
- Lowest CO₂ emission of linear fluorescent lamps
- Least environmental impact: Lowest mercury content, lead free, 60% less (packaging) material.

Technical data

Type	For lamp	Nominal Voltage (V)	Ballast	Main current	Nominal Power Factor
TBS 495 4x14W TL-5 EBP 414	4 x 14W TL-5	240	1 X EBP 414 TL5	0.29	0.99

Ordering data

Type	I2NC	Qty. per box (No.)	Dimensions (cm)	Net weight (kg.)	Gross weight (kg.)
TBS 495 4x14W TL-5 EBP 414	9190 158 10459	1	67 x 67 x 18	6.5	8.5

Typical applications



Conference room



Airport



Workstation

Philips and environmental concern

Global climatic changes, energy shortages and greenhouse emissions are major issues in today's world.

The world that we enjoy and have the privilege of experiencing may not remain the same after 20 years, if we do not take responsible measures to save our environment.

India, being a developing country is continuously under strain on its natural resources. Power generation in India is also very low compared to the rising demand. TBS495 uses some of the most energy efficient lamp solutions, which help in saving power while reducing the carbon footprint, thus reflecting our concern for the environment at large.

Let us work together to make this world a pleasant place for our future generations.



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