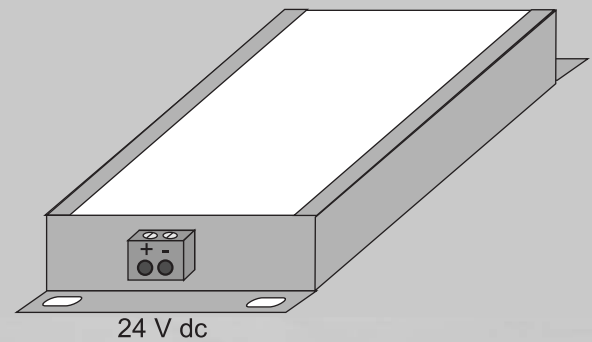


T8/T5 LED

High efficiency LED module designed to be integrated in standard grid lamps



Product Description

The module is designed to be integrated in standard grid lamps. With equivalent dimensions the T8/T5 LED produces the same amount of light with savings of up to 55% of electricity. The module features unique construction, integrated mirror optics, high efficiency diffuser and the latest LED technology. T8/T5 LED has efficiency up to 110 lm/W and is completely compatible with all 24Vdc (36 Vdc optional) LED power supplies.

Due to the high uniformity of the emitted light and the low overall brightness, T8/T5 LED is applicable where the unified glare rating is of importance: schools, offices, hospitals, working halls. Containing no mercury, lead, or glass, LED modules do not present risk of area contamination that is possible with fluorescent lamp breakage.

T8/T5LED	10W	20W	25W
General Characteristics			
LED chip manufacturer	OSRAM		
Housing	Anodized aluminium, mirror optics, PC diffuser		
Life to 70% lumen maintenance	70 000 - 100 000 hr		
Operating temperature	-30 - +40 °C		
Environment protection	IP 42		
Electrical Characteristics			
Equivalent to fluorescent tube T5/T8	14 W/ 18 W	28 W/ 36 W	35 W/ 58 W
Type of power source (not included)	Constant Voltage 24 ±1 Vdc (optional 36 V dc)		
Power connection	2-way screw terminal		
Light characteristics			
Color temperature	2700, 3000, 3500, 4000, 4500 or 5000 °C		
Color rendering index	CRI > 80		
Luminous flux	900 - 1100 lm	1800 - 2200 lm	2300 - 2800 lm
Product Dimensions			
Length	555 mm	1100 mm	1400 mm
Width/height	50x25 mm		
Weight	0,3 kg	0,6 kg	0,75 kg

Benefits

- > Excellent total cost of ownership with attractive payback times
- > No annoying noises, vibrations and flickering
- > Unified Glare Rating (UGR) is lower or equal to fluorescent tube
- > Long-life LEDs (with an average rated lifetime of 70 000 - 100 000 hours) reduce the maintenance and product replacement costs that are associated with fluorescent systems
- > Significant sustainability opportunity due to lower energy consumption, reduced waste and elimination of hazardous substances such as mercury and lead
- > Overall, the usage of LEDs helps to reduce the internal heating in the premisses.
- > 100% efficiency - directed light which guarantees that all of the luminosity goes where you need it