

T8 Series LED Light Tube

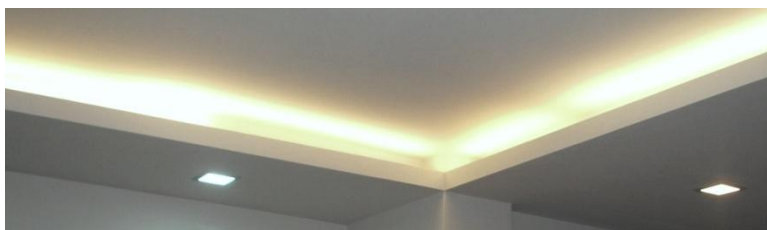
Product Features

- Light source: high brightness SMD LEDs
- Viewing angle: 120 degrees
- Available colours: Daylight, Natural White and Warm White
- Working condition: 110-240V
- Ambient working temperature: -20 to 45 degrees Celsius
- Available in standard G13 bi-pin connectors
- Tube length: Available from 600mm to 1200mm
- All tubes can be fitted with either clear or frosted PC cover
- Can be directly installed into existing fixtures
- TUV, CE approved and RoHS compliant



Applications

- General lighting
- Recessed or cove lighting
- Cubicle lights
- Display cabinet lights
- Workbench task lamps
- Suitable for offices and car parks



Comparison of LED vs Fluorescent Tubes :



Typical Fluorescent Tube – 10,000 hours
Power Consumption (tube + ballast) : 40Watt = 2 x LED tubes!



T8 LED Tube – 50,000 hours
Power Consumption : 16Watt

Between 40% to 60% reduction in power consumption!

Installation

No modifications required; simply install without starter.

Starter needs to be removed.

Can be directly installed into existing fixtures with magnetic ballast but ballast should be removed or bypassed for optimum performance.

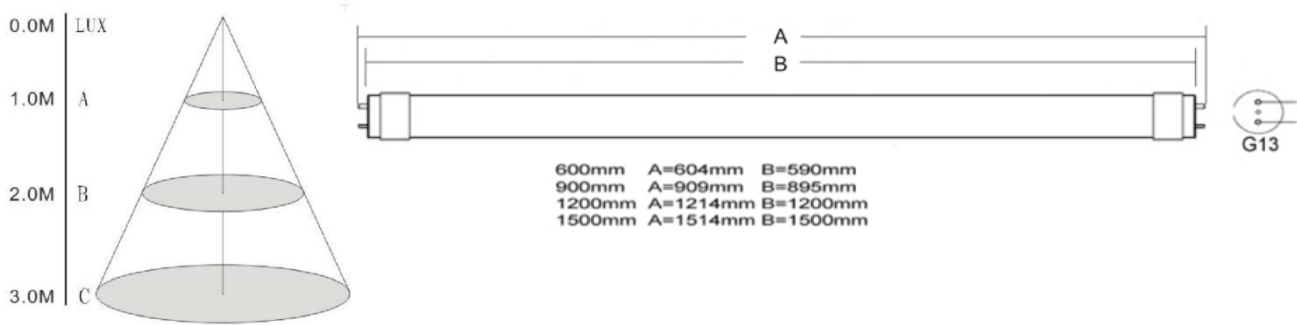
Product Specifications

LED Type	High brightness SMD3528 (Epistar LED chip)	Cover	PC clear or frosted
Power Consumption	2ft – 9W; 3ft – 13W 4ft – 18W	Socket Type	G13 bi-pins
No. of LEDs	2ft – 132 pcs; 3ft – 192 pcs 4ft – 264 pcs	Power Factor	0.95
Beam Angle	120 degrees	Operating Temperature	-20°C to 45°C
Input Voltage	AC 110-240V, 50/60Hz	Operating Humidity	> 90% relative humidity
Colour Rendering Index (CRI)	75	Colour Temperature	3000K - 4000K (warm white) 4000K - 5000K (natural white) 6000K - 7000K (daylight)
Luminous Efficiency	98 lm/W	Life Span	> 50,000 hours

Product *Refer also to item code below	Diameter (mm)	Length (mm)	Weight $\pm 10\%$ (gram)	Illumination Intensity in Lux (clear cover)	Illumination Intensity in Lux (frosted cover)
INT8-9W600E/ INT8-9W600E-F	28	L = 590 (2ft)	220	A: 240 B: 62 C: 30	A: 190 B: 50 C: 24
INT8-13W900E/ INT8-13W900E-F	28	L = 895 (3ft)	300	A: 380 B: 110 C: 58	A: 302 B: 88 C: 46
INT8-18W1200E/ INT8-18W1200E-F	28	L = 1200 (4ft)	380	A: 480 B: 160 C: 82	A: 380 B: 126 C: 66

*Manufacturer's item code: LD-ETL28A□□ 00□□

→ Length code (-12, -09, -06)
→ Color Temperature code (WW, MW, PW)



801 Geylang Road #03-01 Singapore 389681
Tel: (65) 6748 2644 Fax: (65) 6747 5664
Email: sales@inwares.com
Website: www.inleds.com

Warranty

Three (3) years warranty subject to terms and conditions of use.