LED T8 SG 15,000hrs
Tubular lamps

Product information
The LED T8 Start Glass 15,000 hour range provides an attractive, entry-level alternative to standard Fluorescent T8 lamps. The innovative design delivers impressive light distribution and high efficiency, while at the same time ensuring rapid payback. Available in 60, 120 and 150cm lengths, the affordable LED T8 Start Glass brings the benefits of tubular LED lighting to a wider range of applications.

Features & benefits
• Compatible with existing electro-magnetic installations
• Energy saving up to 60% (on mains connection versus T8 fluorescent lamps on electro-magnetic gear)
• Efficiency 100-103 lm/W
• High uniformity of light, create a good general lighting atmosphere ideal for corridors, stairways, car parks, warehouses and supply rooms
• Wide 200° light distribution
• 15,000 hours L70 rated lifetime, reduced maintenance cost
• Switching cycle: 20,000
• Instant-on light
• Environment friendly – no UV, no Hg

Application areas
Hospitality  Industrial  Car park  Office

IEC Standards
EN 55015 Limits and methods of measurement of radio disturbance characteristics of electrical lighting
EN 61000-3-2 Limits for harmonic current emissions (equipment rated current <=16A)
EN 61000-3-3 Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current <=16A)
EN 61547 Specification for equipment for general lighting purposes. EMC Immunity requirements
EN 62493:2010 Assessment of lighting equipment related to human exposure to electromagnetic field
IEC 62471 Photo biological safety of lamps and lamp systems
IEC 60061-1 Lamp Caps
IEC 61195 IEC Based Safety Standard Requirements for Double-capped Fluorescent Lamps
IEC 60598-1 Luminaires – Part 1: General requirements and tests
IEC 60598-2 Luminaires – Part 2: Particular requirements (all sections)
IEC 62031 LED modules for general lighting-Safety specifications
IEC 61347-2-13 Particular requirements for DC or AC supplied electronic control gear for LED modules
IEC 62776 Double-capped LED lamps for general lighting services - Safety specifications
Electrical, Photometric and Lumen Maintenance test conducted as defined by IES LM-79-08 and IES LM-80-08 Test
GE Lighting is constantly developing and improving its products. For this reason, all product descriptions in this brochure are intended as a general guide, and we may change specifications time to time in the interest of product development, without prior notification or public announcement. All descriptions in this publication present only general particulars of the goods to which they refer and shall not form part of any contract. Data in this guide has been obtained in controlled experimental conditions. However, GE Lighting cannot accept any liability arising from the reliance on such data to the extent permitted by law.

**Operation and maintenance**

Store and use the lamps the same way as standard fluorescent lamps.

- Lamps should be kept free from contamination.
- Switch off mains supply before installing/removing lamp.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- For magnetic gear system ensure existing fluorescent starter is replaced with LED T8 starter (not included in the pack) before the LED tube is placed into the fixture.
- For direct wire please check the provided installation instructions.
- Presence of power shifting capacitor in the system may significantly lower the power factor of the system.
- Not suitable for direct replacement of fluorescent tubes in luminaires where lamps are connected in series.
- Use in fully enclosed fixtures may affect life performance.
- Not for use in emergency lighting circuits.

**Dimensions (mm)**

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**Specifications**

- **Nominal Voltage**: 220-240V
- **Operating frequency**: 50 – 60Hz
- **Power factor**: > 0.50
- **Ambient temperature range**: -20°C – +40°C
- **Starting time**: < 0.5 s
- **Lumen maintenance at B50**: 70%
- **Beam angle**: 200°
- **Dimmable**: No

**Rating and product code**

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<th>Wattage (W)</th>
<th>Length (mm)</th>
<th>CCT (K)</th>
<th>Cap Type</th>
<th>Product description</th>
<th>Luminous flux (lm)</th>
<th>Life L70 (hrs)</th>
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