LED T8 VGR Glass Rotatable

Tubular lamps

Product information
The LED T8 VGR Glass Rotatable range offers safe, reliable and affordable energy saving alternatives to standard Fluorescent T8 lamps. Available in 60cm, 120cm and 150cm lengths, GE LED T8s can be quickly fitted as a replacement into luminaires operating on electro-magnetic control gear or on electronic gear with a simple re-wire (for further details see installation guide).

Specification Features
• 40,000 hours L70 rated lifetime, reduced maintenance cost
• High energy saving, efficiency 100-114 lm/W
• High uniformity of light, create elegant lighting atmosphere for retail & commercial applications
• Rotatable cap allows you to rotate the tube by up to 120 degrees to achieve the best light effect.
• Especially suitable for supermarket, high color rendering of fresh food to engage customers
• Environment friendly – no UV, no Hg
• Energy saving up to 60% (on mains connection versus T8 fluorescent lamps on electro-magnetic gear)
• Switching cycle: 50,000
• Instant-on light
• High Power Factor: 0.9
• Wide 200° light distribution
• Compatible with existing installations

Applications
- Offices
- Industrial
- Hospitality
- Car Park

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
### Specification summary

<table>
<thead>
<tr>
<th>Rated Wattage</th>
<th>Length (mm)</th>
<th>CCT (K)</th>
<th>CCT Steps</th>
<th>Product Description</th>
<th>Rated Lumens [lm]</th>
<th>Life L70 [hrs]</th>
<th>CRI [Ra]</th>
<th>Energy Efficiency Class</th>
<th>Pack Qty [pcs]</th>
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### Specifications

**Nominal Voltage**
100-240V

**Operating frequency**
50 – 60Hz

**Power factor**
≥ 0.90

**Ambient temperature range**
-20°C – +40°C

**Starting time**
< 0.5 s

**Lumen maintenance at B50**
70%

**Beam angle**
200°

**Dimmable**
No

### 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 (included in each pack).
- For direct wire please check the provided installation instructions.
- Use in fully enclosed fixtures may affect life performance.
- Not for use in emergency lighting circuits.

### Dimensions [mm]

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**Net weight [g]**

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