Product information

T5 LongLast™ lamps are triphosphor fluorescent lamps with 16mm outer diameter (5/8 of an inch). These lamps feature “Starcoat™ Technology” that delivers high quality triphosphor performance. GE produces two ranges of T5 LongLast™ lamps in 4 different lengths:

• High Efficiency offering high lumens per watt
• High Output offering improved lumen package

Application areas

- Retail
- Office
- Education
- Healthcare
- Hospitality
- Industrial
### Product data

<table>
<thead>
<tr>
<th>Product Code</th>
<th>78709</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulb Shape</td>
<td>Tubular</td>
</tr>
<tr>
<td>Bulb Diameter [mm]</td>
<td>16</td>
</tr>
<tr>
<td>Bulb maximum overall diameter [mm]</td>
<td>16</td>
</tr>
<tr>
<td>Cap to Cap Length (Max) [mm]</td>
<td>1449</td>
</tr>
<tr>
<td>Net weight per piece [g]</td>
<td>125</td>
</tr>
<tr>
<td>Gross weight per piece [g]</td>
<td>160</td>
</tr>
<tr>
<td>Mercury Content [mg]</td>
<td>2.5</td>
</tr>
<tr>
<td>UV radiance</td>
<td>Exempt</td>
</tr>
<tr>
<td>Brand</td>
<td>GE Lighting</td>
</tr>
<tr>
<td>Cap/Base</td>
<td>G5</td>
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</tbody>
</table>

### Performance data

<table>
<thead>
<tr>
<th>Colour Code</th>
<th>840</th>
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</thead>
<tbody>
<tr>
<td>Rated Lumens [lm]</td>
<td>7000</td>
</tr>
<tr>
<td>Lumen at 25°C [lm]</td>
<td>6250</td>
</tr>
<tr>
<td>Weighted energy consumption [kWh/1000h]</td>
<td>87.78</td>
</tr>
<tr>
<td>Rated efficacy [lm/W]</td>
<td>88</td>
</tr>
<tr>
<td>Energy efficiency class (EEC)</td>
<td>A+</td>
</tr>
<tr>
<td>Rated Life [h]</td>
<td>30000</td>
</tr>
<tr>
<td>Rated median life on electronic (HF / ECG) ballast on IEC 12-hour cycle</td>
<td>36000</td>
</tr>
<tr>
<td>Rated median life on electronic (HF / ECG) ballast on IEC 3-hour cycle</td>
<td>30000</td>
</tr>
<tr>
<td>Nominal correlated colour temperature (CCT) [K]</td>
<td>4000</td>
</tr>
<tr>
<td>Nominal lumens [lm]</td>
<td>7000</td>
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<tr>
<td>Colour Rendering Index (CRI) [Ra]</td>
<td>85</td>
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</table>
# Electrical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Rated power [W]</td>
<td>79.8</td>
</tr>
<tr>
<td>Design Ambient Temperature [°C]</td>
<td>35</td>
</tr>
<tr>
<td>Design Lamp ambient temperature [°C]</td>
<td>35</td>
</tr>
<tr>
<td>Starting ambient temperature range</td>
<td>-15</td>
</tr>
<tr>
<td>Dimming Capability</td>
<td>Yes</td>
</tr>
<tr>
<td>Nominal power [W]</td>
<td>80</td>
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# Logistic data

<table>
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<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>DUN Code</td>
<td>10043168787090</td>
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<tr>
<td>EAN Code</td>
<td>0043168902854</td>
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<tr>
<td>Pack Quantity</td>
<td>30</td>
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<tr>
<td>Inner pack type</td>
<td>SLEEVE</td>
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<tr>
<td>Outer pack type</td>
<td>OUTER BOX</td>
</tr>
<tr>
<td>Layer quantity</td>
<td>210 Special</td>
</tr>
<tr>
<td>Pallet quantity EUR (PC)</td>
<td>1520</td>
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<tr>
<td>Pallet quantity UK (PC)</td>
<td>2000</td>
</tr>
<tr>
<td>Outer case size</td>
<td>1490 x 120 x 102 (mm)</td>
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<tr>
<td>Product status</td>
<td>Phased-out</td>
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Technical drawing

Lumen maintenance data
Survival data

Service life data
Downloads & Links

Go to the catalog site (HTTP)
Linear Fluorescent Lamps Catalogue (PDF)
LFL T5 LongLast™ Lamps - Data sheet (EN) (PDF)
Lighting design tools & calculators (HTTP)
Lighting design tools & calculators (HTTP)
High-res images / Technical drawings (HTTP)
Certificate for the Quality Management System of GE Lighting EMEA (PDF)
Certificate for the Environmental Management System of GE Lighting EMEA (PDF)