T8

30T8/COR/96-840/IF42/G/FA8 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

<table>
<thead>
<tr>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base</td>
</tr>
<tr>
<td>EU RoHS compliant</td>
</tr>
<tr>
<td>Nominal Lifetime (Nom)</td>
</tr>
<tr>
<td>Switching Cycle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Light Technical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Code</td>
</tr>
<tr>
<td>Beam Angle (Nom)</td>
</tr>
<tr>
<td>Initial lumen (Nom)</td>
</tr>
<tr>
<td>Color Designation</td>
</tr>
<tr>
<td>Correlated Color Temperature (Nom)</td>
</tr>
<tr>
<td>Luminous Efficacy (rated) (Nom)</td>
</tr>
<tr>
<td>Color Consistency</td>
</tr>
<tr>
<td>Color Rendering Index (Nom)</td>
</tr>
<tr>
<td>LLMF At End Of Nominal Lifetime (Nom)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Operating and Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Frequency</td>
</tr>
<tr>
<td>Power (Rated) (Nom)</td>
</tr>
</tbody>
</table>

| Lamp Current (Max)       | 350 mA     |
| Lamp Current (Min)       | 100 mA     |
| Starting Time (Nom)      | 0.5 s      |
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| UL Type                  | Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver |
| Power Factor (Nom)       | 0.9        |
| Voltage (Nom)            | 200-500 V  |

<table>
<thead>
<tr>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-Ambient (Max)</td>
</tr>
<tr>
<td>T-Ambient (Min)</td>
</tr>
<tr>
<td>T-Storage (Max)</td>
</tr>
<tr>
<td>T-Storage (Min)</td>
</tr>
<tr>
<td>T-Case Maximum (Nom)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Controls and Dimming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimmable</td>
</tr>
</tbody>
</table>
**Mechanical and Housing**

| Product Length | 2400 mm |

**Approval and Application**

| Energy Efficiency Label (EEL) | Not applicable |
| Energy Saving Product | Yes |
| Approval Marks | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | - kWh |
| Energy Certifications | DLC Standard |

**Product Data**

| Order product name | 30T8/COR/96-840/IF42/G/FA8 10/1 |
| EAN/UPC - Product | 046677533021 |
| Order code | 533026 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 10 |
| Material Nr. (12NC) | 929001897304 |
| Net Weight (Piece) | 0.540 kg |
| Model Number | 9290018973 |

**Dimensional drawing**

![Dimensional drawing](image-url)

**Photometric data**

30W FA8 840 4000K

30W FA8 830 3000K
Photometric data

Intensity (%)

<table>
<thead>
<tr>
<th>Wavelength (nm)</th>
<th>200</th>
<th>400</th>
<th>300</th>
<th>500</th>
<th>600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensity (%)</td>
<td>0</td>
<td>40</td>
<td>80</td>
<td>20</td>
<td>60</td>
</tr>
</tbody>
</table>

Lifetime

Lumen in %

<table>
<thead>
<tr>
<th>Burning hours</th>
<th>0</th>
<th>20000</th>
<th>10000</th>
<th>40000</th>
<th>50000</th>
<th>60000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen (%)</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
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</tbody>
</table>

30W FA8

Life time (Hours)

<table>
<thead>
<tr>
<th>Tc(°C)</th>
<th>45</th>
<th>50</th>
<th>55</th>
<th>60</th>
<th>65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life time (Hours)</td>
<td>45</td>
<td>0</td>
<td>20000</td>
<td>30000</td>
<td>10000</td>
</tr>
</tbody>
</table>

30W FA8

Failure rate in %

<table>
<thead>
<tr>
<th>Time (hours)</th>
<th>0</th>
<th>20000</th>
<th>40000</th>
<th>60000</th>
<th>80000</th>
<th>100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failure rate in %</td>
<td>0</td>
<td>60</td>
<td>40</td>
<td>20</td>
<td>80</td>
<td>100</td>
</tr>
</tbody>
</table>

30W FA8

Datasheet, 2020, June 18

data subject to change
Lifetime

![Graph showing failure rate in % over time (hours) for different models](image)

**30W FA8**

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