



T8

16T8/LED/48-840/IF18/G 25/1

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

| General Information | | Lamp Current (Max) | |
|---------------------------------------|----------------------------------|---------------------------------|---------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | | 330 mA |
| EU RoHS compliant | Yes | Lamp Current (Min) | 110 mA |
| Nominal Lifetime (Nom) | 36000 h | Starting Time (Nom) | 0.5 s |
| Switching Cycle | 50000X | Warm Up Time to 60% Light (Nom) | 0.5 s |
| Light Technical | | UL Type | Type A - works on ballast |
| Color Code | 840 [CCT of 4000K] | Power Factor (Nom) | 0.9 |
| Beam Angle (Nom) | 240 ° | Voltage (Nom) | 120-277, 347 V |
| Luminous Flux (Nom) | 1800 lm | Temperature | |
| Color Designation | Cool White (CW) | T-Ambient (Max) | 45 °C |
| Correlated Color Temperature (Nom) | 4000 K | T-Ambient (Min) | -20 °C |
| Luminous Efficacy (rated) (Nom) | 112.00 lm/W | T-Storage (Max) | 65 °C |
| Color Consistency | <6 | T-Storage (Min) | -40 °C |
| Color Rendering Index (Nom) | 80 | T-Case Maximum (Nom) | 35 °C |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | Controls and Dimming | |
| Operating and Electrical | | Dimmable | No |
| Input Frequency | 20K to 120K Hz | Mechanical and Housing | |
| Power (Nom) | 16 W | Bulb Material | Glass |

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|----------------|--------------------|
| Product Length | 1200 mm |
| Bulb Shape | Tube, double-ended |

Approval and Application

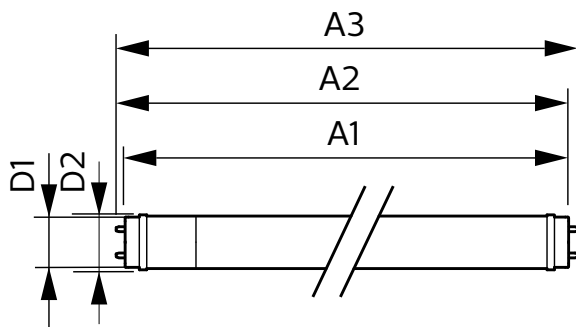
| | |
|-------------------------------|--------------------------------|
| Energy Saving Product | Yes |
| Approval Marks | RoHS compliance UL certificate |
| Energy Consumption kWh/1000 h | - kWh |

Product Data

| | |
|--------------------|-----------------------------|
| Order product name | 16T8/LED/48-840/IF18/G 25/1 |
|--------------------|-----------------------------|

| | |
|---------------------------------|--------------|
| EAN/UPC - Product | 046677542085 |
| Order code | 929001960604 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 25 |
| Material Nr. (12NC) | 929001960604 |
| Net Weight (Piece) | 0.215 kg |

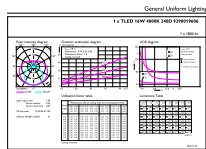
Dimensional drawing



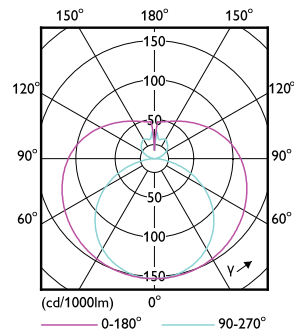
TLED 1200mm T8 120-277 16W 1800lm 4000K

| Product | D1 | D2 | A1 | A2 | A3 |
|-----------------------------|---------|-------|---------|---------|---------|
| 16T8/LED/48-840/IF18/G 25/1 | 25.7 mm | 28 mm | 1198 mm | 1205 mm | 1212 mm |

Photometric data



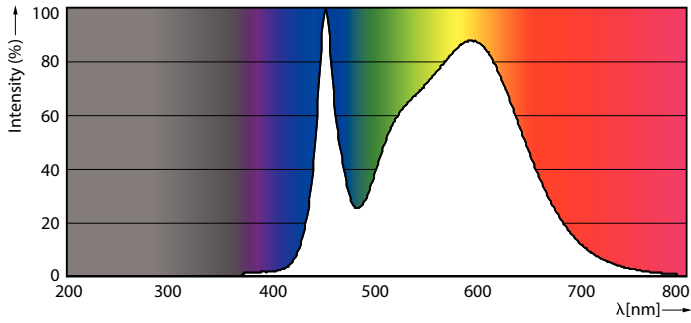
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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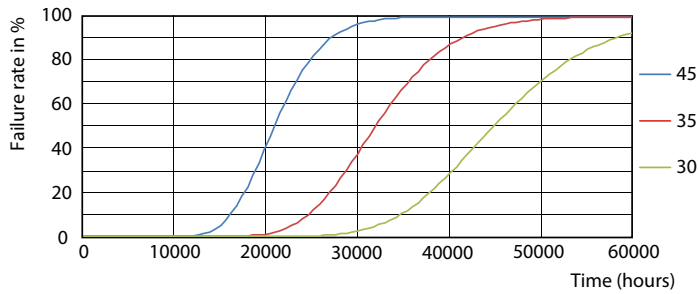
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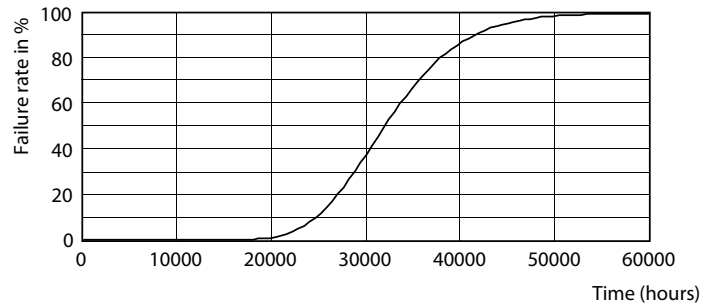


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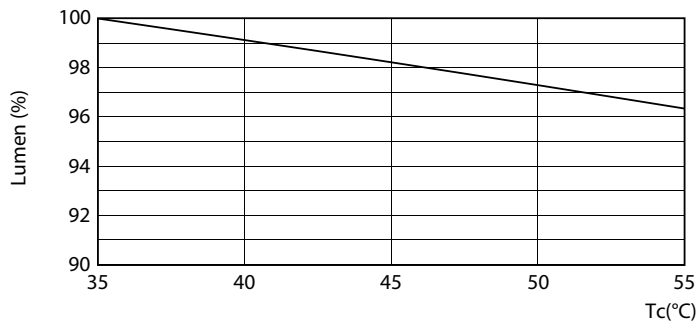
Lifetime



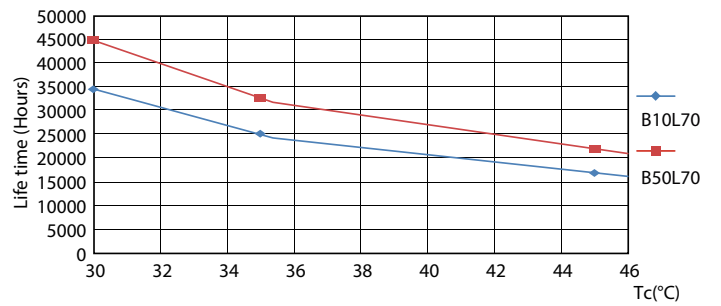
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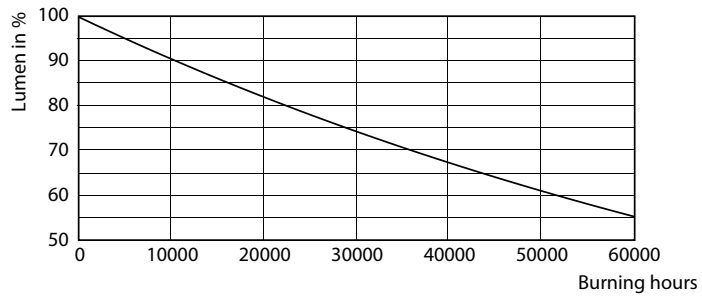
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Lifetime



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