



MasterClass LEDtube InstantFit T8

16.5T8 LED/48-4000 IF 10/1 UHO

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using an existing ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

Product data

| General Information | |
|---------------------|---------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Nominal lifetime | 70,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 840 [CCT of 4000K] |
| Luminous Flux | 2,500 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Color Consistency | <6 |
| Color rendering index (CRI) | 82 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|--------------------------|-------------|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 16.5 W |
| Lamp Current (Max) | 350 mA |

| | |
|---------------------------|-----------|
| Lamp Current (Min) | 110 mA |
| Warm-up time to 60% light | 0.5 s |
| Voltage (Nom) | 120-277 V |

| Temperature | |
|----------------------|-------|
| T-Case Maximum (Nom) | 45 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | No |

| Mechanical and Housing | |
|------------------------|----------|
| Product Length | 1,200 mm |

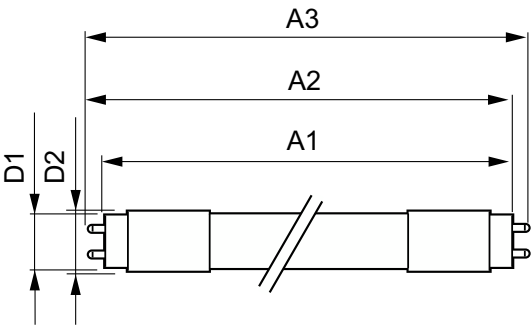
| Approval and Application | |
|-------------------------------|-------------------------------|
| Energy Saving Product | Yes |
| Approval Marks | UL certificate DLC compliance |
| Energy Consumption kWh/1000 h | 20 kWh |
| Energy Certifications | DLC Standard |

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| Product Data | |
|-------------------------------|--------------------------------|
| Order product name | 16.5T8 LED/48-4000 IF 10/1 UHO |
| Full product name | 16.5T8 LED/48-4000 IF 10/1 UHO |
| Order code | 929001226804 |
| Material Nr. (12NC) | 929001226804 |
| Numerator - Quantity Per Pack | 1 |

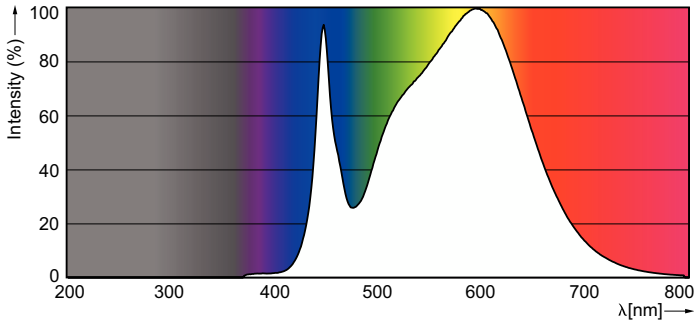
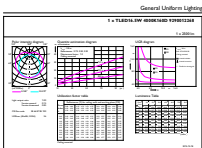
| | |
|---------------------------------|----------------|
| EAN/UPC - Product/Case | 046677463144 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677463149 |

Dimensional drawing



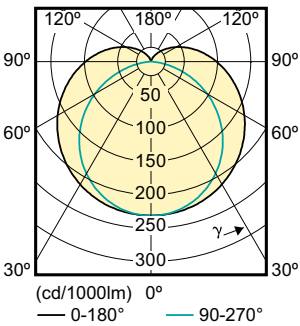
| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------------|----------|-------|----------|----------|----------|
| 16.5T8 LED/48-4000 IF 10/1 UHO | 25.68 mm | 28 mm | 1,198 mm | 1,205 mm | 1,212 mm |

Photometric data



General uniform lighting - 16.5T8 LED/48-4000 IF 10/1 UHO

Spectral Power Distribution Colour - 16.5T8 LED/48-4000 IF 10/1 UHO



Light Distribution Diagram - 16.5T8 LED/48-4000 IF 10/1 UHO

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