



MasterClass LEDtube InstantFit T8

15T8/48-5000 IF 10/1 TAA

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 | 40,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 850 [CCT of 5000K] |
| Beam Angle (Nom) | 160 degree(s) |
| Luminous Flux | 2,100 lm |
| Correlated Color Temperature (Nom) | 5000 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 | 15 W |

| | |
|---------------------------|----------------------|
| Lamp Current (Max) | 290 mA |
| Lamp Current (Min) | 110 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | Instant full light s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 120-277 V |

| Temperature | |
|---------------------------|-----------------|
| Ambient temperature range | -20 °C to 45 °C |
| T-Case Maximum (Nom) | 50 °C |

| Controls and Dimming | |
|----------------------|-----|
| Dimmable | Yes |

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

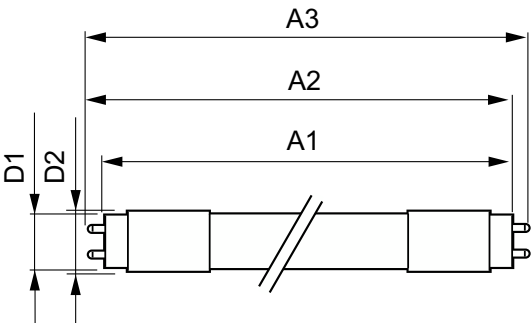
| Approval and Application | |
|------------------------------|-----|
| Energy Saving Product | Yes |
| Suitable For Accent Lighting | No |

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| | |
|-------------------------------|---|
| Approval Marks | UL certificate RoHS compliance DLC compliance |
| Energy Consumption kWh/1000 h | 18 kWh |
| Product Data | |
| Order product name | 15T8/48-5000 IF 10/1 TAA |
| Full product name | 15T8/48-5000 IF 10/1 TAA |
| Order code | 929001158834 |

| | |
|---------------------------------|----------------|
| Material Nr. (12NC) | 929001158834 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677464271 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677464276 |

Dimensional drawing

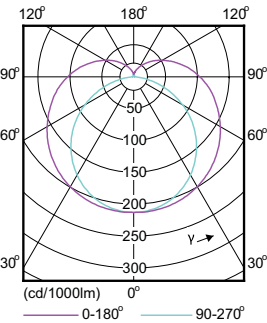


| Product | D1 | D2 | A1 | A2 | A3 |
|--------------------------|---------|-------|------------|------------|------------|
| 15T8/48-5000 IF 10/1 TAA | 25.7 mm | 28 mm | 1,198.0 mm | 1,205.0 mm | 1,212.0 mm |

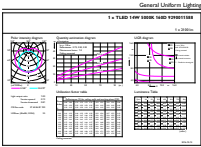
Photometric data



Spectral Power Distribution Colour - 15T8/48-5000 IF 10/1 TAA



Light Distribution Diagram - 15T8/48-5000 IF 10/1 TAA



General uniform lighting - 15T8/48-5000 IF 10/1 TAA

General uniform lighting - 15T8/48-5000 IF 10/1 TAA

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