



MainsFit (UL Type-B) T5

10T5HE/COR/34-850/MF14/G 25/1

The MainsFit (UL Type-B) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This ballast bypass lamp has everything needed built into the lamp with proven energy savings, long life, surge suppression and industry leading safety features. All lamps in the MainsFit family are double-ended to help simplify the installation. In addition, all lamps meet the Philips standards for light quality so that end users will be in a comfortable environment regardless of the MainsFit lamp type.

Product data

| General Information | | | | | |
|---------------------------------------|--------------------|--|--|--|--|
| Cap-Base | G5 | | | | |
| Nominal lifetime | 50,000 hour(s) | | | | |
| Switching Cycle | 50,000 | | | | |
| Lighting Technology | LED | | | | |
| | | | | | |
| Light Technical | | | | | |
| Color Code | 850 [CCT of 5000K] | | | | |
| Beam Angle (Nom) | 200 degree(s) | | | | |
| Luminous Flux | 1,400 lm | | | | |
| Luminous Efficacy (rated) (Nom) | 140.00 lm/W | | | | |
| Color Designation | Daylight | | | | |
| Correlated Color Temperature (Nom) | 5000 K | | | | |
| Color Consistency | <5 | | | | |
| Color rendering index (CRI) | 80 | | | | |
| 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 | 10 W | |
| Lamp Current (Max) | 105 mA | |
| Lamp Current (Min) | 40 mA | |
| Wattage Equivalent | 21 W | |
| Starting Time (Nom) | 0.5 s | |
| Warm-up time to 60% light | 0.5 s | |
| Power Factor (Fraction) | 0.9 | |
| Voltage (Nom) | 120-277 V | |
| UL Type | UL Type B | |
| | | |
| Temperature | | |
| Ambient temperature range | -20 °C to 45 °C | |
| T-Case Maximum (Nom) | 70 °C | |
| | | |

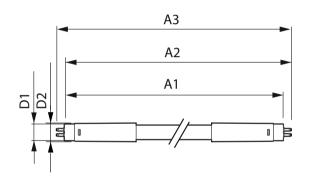
Datasheet, 2024, April 1 data subject to change

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| Controls and Dimming | | | | |
|--------------------------|--------------------------------|--|--|--|
| Dimmable | Limited | | | |
| | | | | |
| Mechanical and Housing | | | | |
| Bulb Finish | Frosted | | | |
| Bulb Material | Glass | | | |
| Product Length | 900 mm | | | |
| Bulb Shape | T5 | | | |
| | | | | |
| Approval and Application | | | | |
| Energy Saving Product | Yes | | | |
| Approval Marks | RoHS compliance UL certificate | | | |
| EU RoHS compliant | Yes | | | |
| | | | | |

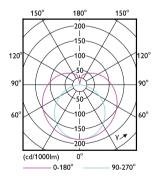
| Product Data | | | | |
|---------------------------------|-------------------------------|--|--|--|
| Order product name | 10T5HE/COR/34-850/MF14/G 25/1 | | | |
| Full product name | 10T5HE/COR/34-850/MF14/G 25/1 | | | |
| Order code | 929003123204 | | | |
| Material Nr. (12NC) | 929003123204 | | | |
| Numerator - Quantity Per Pack | 1 | | | |
| Net Weight (Piece) | 0.125 kg | | | |
| EAN/UPC - Product/Case | 046677576196 | | | |
| Numerator - Packs per outer box | 25 | | | |
| EAN/UPC - Case | 50046677576191 | | | |

Dimensional drawing

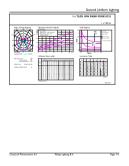


| Product | D1 | D2 | A1 | A2 | А3 |
|-------------------------------|---------|---------|--------|----------|----------|
| 10T5HE/COR/34-850/MF14/G 25/1 | 15.3 mm | 18.2 mm | 849 mm | 854.9 mm | 863.2 mm |

Photometric data



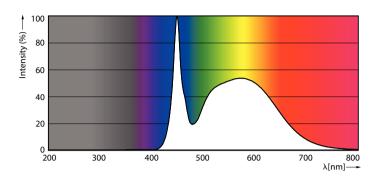




General uniform lighting - 10T5HE/COR/34-850/MF14/G 25/1

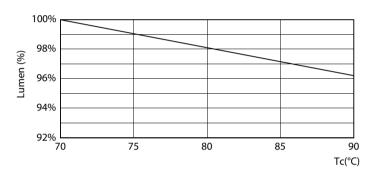
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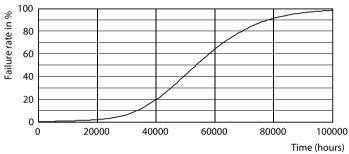
Photometric data



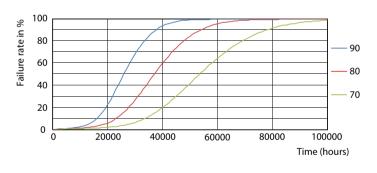
Spectral Power Distribution Colour - 10T5HE/COR/34-850/MF14/G 25/1

Lifetime

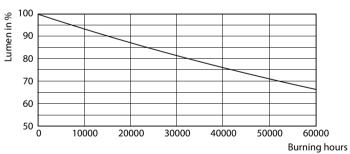




Lumen Maintenance Diagram - 10T5HE/COR/34-850/MF14/G 25/1



Life Expectancy Diagram

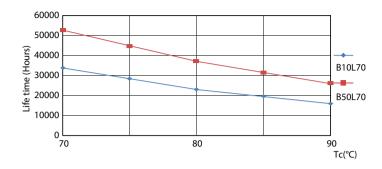


LEDtube 50K 7090 FailureRate-LED

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Lifetime



LifetimeVsTc

