



# MasterClass LEDtube InstantFit T8

## 14T8/48-3000 IF 10/1 ROT

The MasterClass InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. MasterClass TLEDs feature a shatter-resistant polycarbonate construction, 70,000 hour life and a standard 7-year limited warranty. When maximum energy savings and long life are needed, Philips MasterClass TLED are the solution.

### Product data

General Information	
Base	G13 [ Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	830 [ CCT of 3000K]
Initial lumen (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W
Lamp Current (Nom)	180 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	45 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

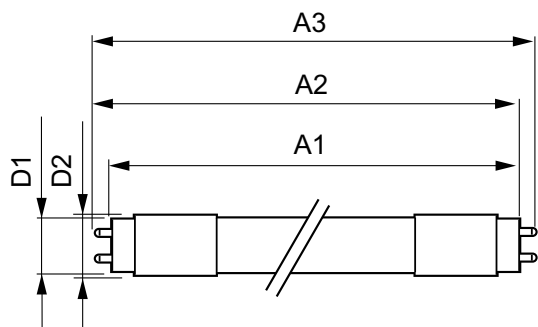
Approval and Application	
Energy Saving Product	Yes

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<b>Approbation Marks</b>	UL certificate RoHS compliance DLC compliance
<b>Energy Certifications</b>	DLC Standard
<b>Product Data</b>	
<b>Order product name</b>	14T8/48-3000 IF 10/1 ROT
<b>EAN/UPC - Product</b>	046677472689
<b>Order code</b>	468652

<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	10
<b>Material Nr. (12NC)</b>	929001303304
<b>Net Weight (Piece)</b>	0.230 kg
<b>Model Number</b>	9290013033

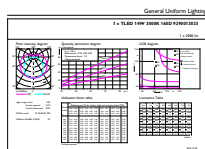
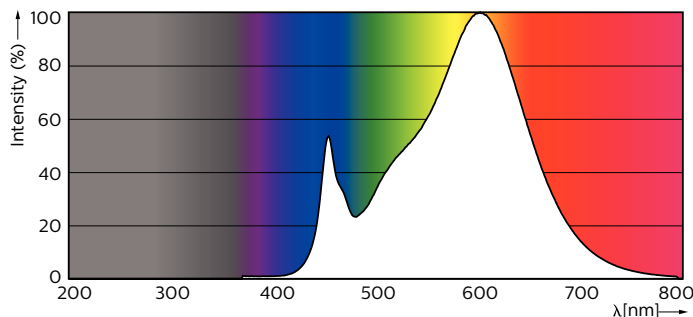
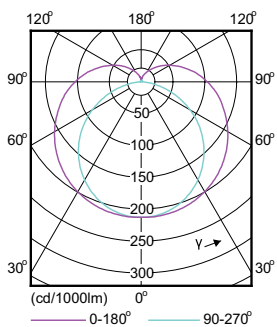
## Dimensional drawing



TLED 1200mm 120V 14-32W 2000lm 3000K G13

Product	D1	D2	A1	A2	A3
14T8/48-3000 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtube 1200mm 14-32W G13 830 2000lm

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## Lifetime

