



# MasterClass LEDtube InstantFit T8

## 14T8/48-3500 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	835 [ CCT of 3500K]
Initial lumen (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Correlated Color Temperature (Nom)	3500 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

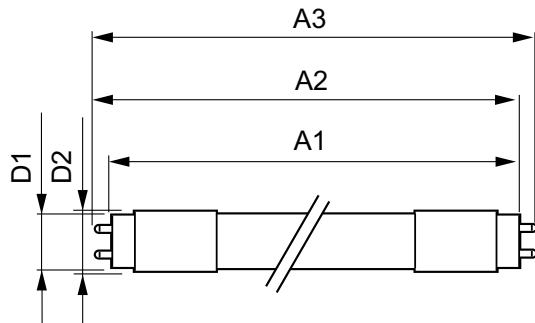
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes

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Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
<b>Product Data</b>	
Order product name	14T8/48-3500 IF 10/1 ROT
EAN/UPC - Product	046677472696
Order code	468660

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001303404
Net Weight (Piece)	0.230 kg
Model Number	9290013034

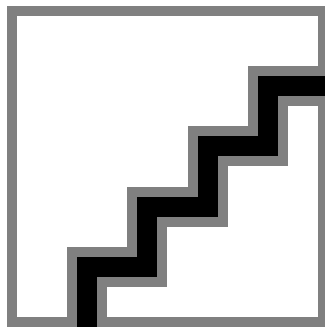
## Dimensional drawing



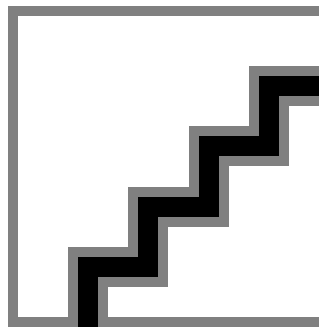
Product	D1	D2	A1	A2	A3
14T8/48-3500 IF 10/1 ROT	25.68 mm	26.3 mm	1198 mm	1205 mm	1212 mm

TLED 1200mm 120V 14-32W 2000lm 3500K G13

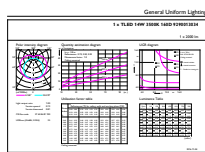
## Photometric data



LEDtube 1200mm 15W G13 T8 835 2000lm



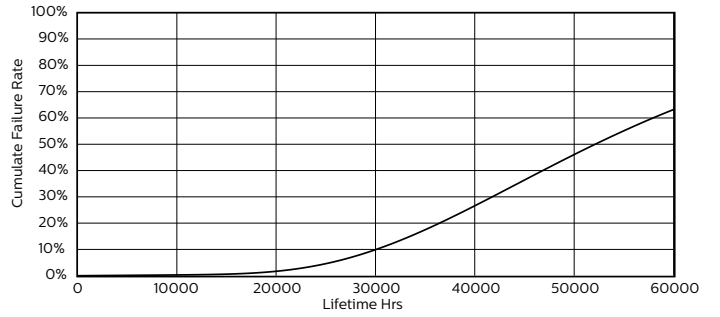
LEDtube 1200mm 14-32W G13 835 2000lm



LEDtube 1200mm 14-32W G13 835 2000lm

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## Lifetime



LEDtube HF 1500mm 26W G5 T5

LEDtube 1200mm 14-32W G13

