



LED InstantFit Lamps

16.5T8 LED/48-4000 20/1 DC Driver

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

• General Information

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

• Light Technical

Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	160 °
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	6 steps
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)	16.5 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Min)	0.9
Voltage (Nom)	25-27 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	Yes
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• Mechanical and Housing

Product Length	1200 mm
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• Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approbation Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh

• Product Data

Order product name	16.5T8 LED/48-4000 20/1 DC Driver
EAN/UPC - Product	046677458126
Order code	458125

PHILIPS

LED InstantFit Lamps

Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 20

Material Nr. (12NC) 929001175104
 Net Weight (Piece) 0.190 kg

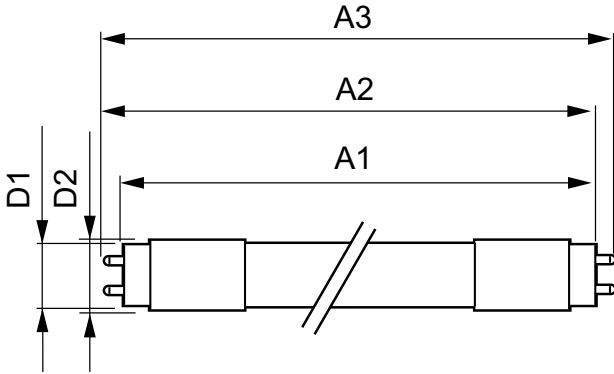
Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged,

corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.

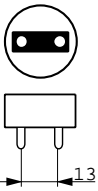
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

Dimensional drawing

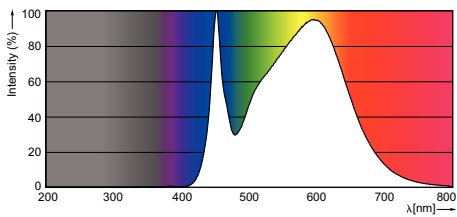


LEDtube 1200mm 16.5W/840

Product	D1	D2	A1	A2	A3
16.5T8 LED/48-4000 20/1 DC Driver	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm



Photometric data





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www.philips.com/lighting

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data subject to change