



LED InstantFit Lamps

10T8/48-4000 IF 10/1

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

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	1600 lm
Luminous Flux (Rated) (Nom)	1600 lm
Correlated Color Temperature (Nom)	4000 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)	10 W
Lamp Current (Nom)	140 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)	40 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	Not applicable
Approbation Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh

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Product Data

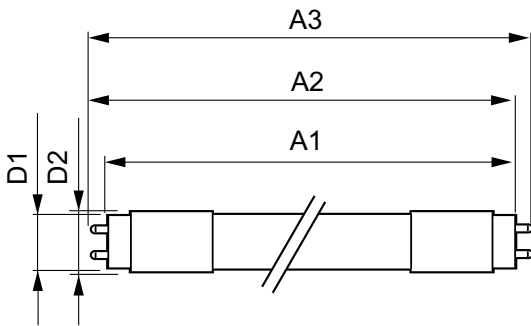
Order product name	10T8/48-4000 IF 10/1
EAN/UPC - Product	046677472214
Order code	468280
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929001124164
Net Weight (Piece)	0.230 kg
Model Number	9290011241D

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.

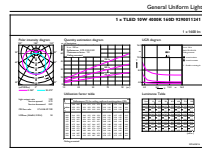
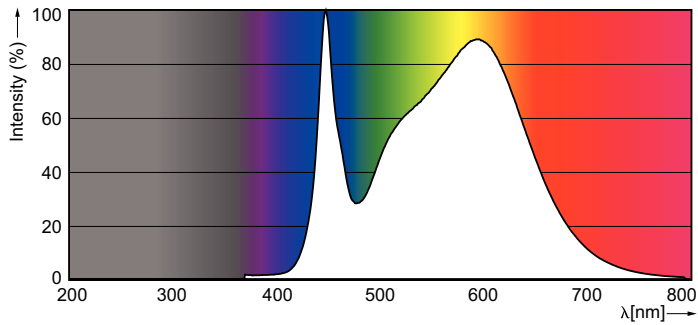
Dimensional drawing



LEDtube 1200mm 12W G13/840

Product	D1	D2	A1	A2	A3
10T8/48-4000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Photometric data



General Uniform Lighting
1.1m TUBED 1200mm 12W G13/840
General Illuminance 1.1m
Foot-candle 1.1m
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Photometric data

