![PHILIPS Lighting]

LED InstantFit Lamps

12T8/48-5000 IF 10/1

Philips InstantFit LED Lamp, 4ft (12W / 1600 lm / 5000K)

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	850 [CCT of 5000K]
Initial lumen (Nom)	1650 lm
Luminous Flux (Rated) (Nom)	1650 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<6
Color Rendering Index (Nom)	83
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	12 W
Lamp Current (Nom)	60 mA
Starting Time (Nom)	0.5 s

Warm Up Time To 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 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

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+

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Approbation Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate		**Order code**	453613
Energy Consumption kWh/1000 h	14.5 kWh		**Numerator - Quantity Per Pack**	1
			Numerator - Packs per outer box	10
Product Data			**Material Nr. (12NC)**	929001124204
Order product name	12T8/48-5000 IF 10/1		**Net Weight (Piece)**	0.230 kg
EAN/UPC - Product	046677453619			

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.
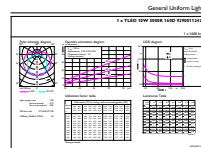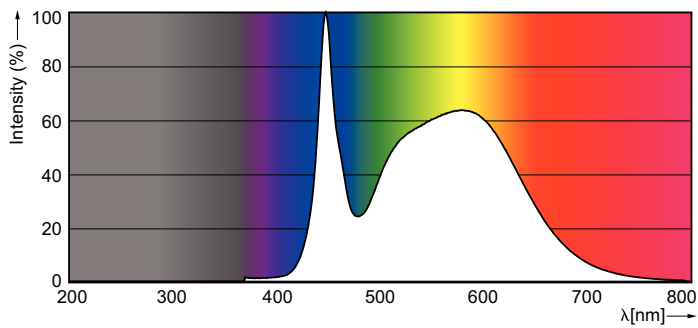
Dimensional drawing

Product	D1	D2	A1	A2	A3
12T8/48-5000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm
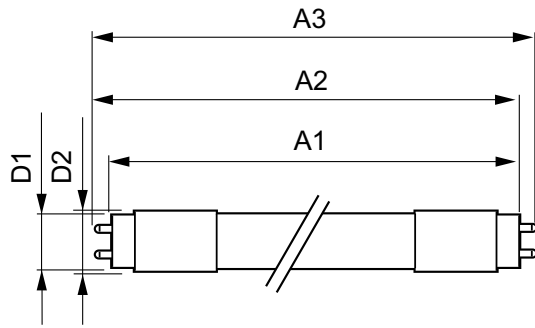
LEDtube 1200mm 12W G13/850

Photometric data

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