



LED InstantFit Lamps

8.5T8/24-3500 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)	40000 h
Switching Cycle	50000X
B50L70	40000 h

Light Technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	1000 lm
Luminous Flux (Rated) (Nom)	1000 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3500 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)	8.5 W
Lamp Current (Nom)	115 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)	50 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Product Length	600 mm
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Approval and Application

Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	10.5 kWh

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Product Data

Order product name	8.5T8/24-3500 IF 10/1
EAN/UPC - Product	046677452025
Order code	929001118004
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box

10

Material Nr. (12NC)

929001118004

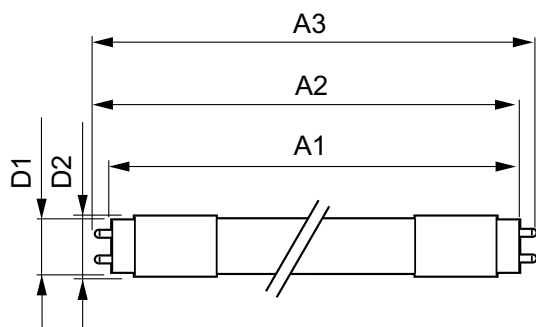
Net Weight (Piece)

0.174 kg

Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

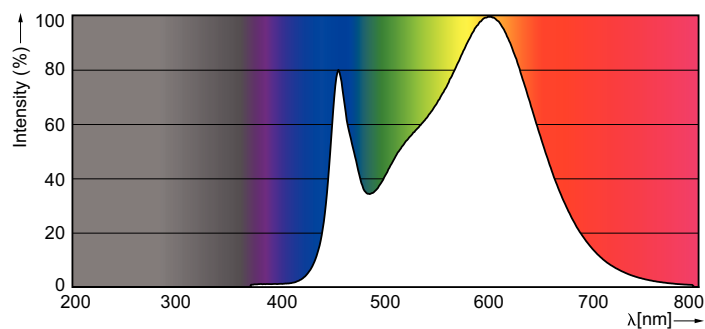
Dimensional drawing



LEDtube 600mm 8.5W/835

Product	D1	D2	A1	A2	A3
8.5T8/24-3500 IF 10/1	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



LEDtube 600 mm 8.5 W /835

