



LED InstantFit Lamps

12T8/48-3500 IF 10/1

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

PHILIPS

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	835 [CCT of 3500K]
Beam Angle (Nom)	160 °
Luminous Flux (Rated) (Nom)	1500 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	3500 K
Color Consistency	6 steps
Color Rendering Index (Nom)	83
Lmf At End Of Nominal Lifetime (Nom)	70 %

• Operating and Electrical

Input Frequency	50/60 Hz
Power (Rated) (Nom)	12 W
Starting Time (Max)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light
Power Factor (Min)	0.9
Voltage (Nom)	120-277 V

• Temperature

T-Ambient (Max)	45 °C
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T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Max)	40 °C

• Controls and Dimming

Dimmable	No
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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+

• Product Data

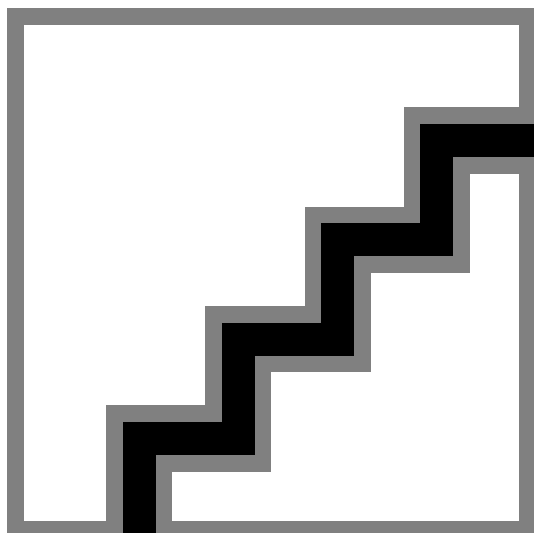
Order product name	12T8/48-3500 IF 10/1
EAN/UPC - Product	046677453596
Order code	453597
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001124004
Net Weight (Piece)	0.360 kg

Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8

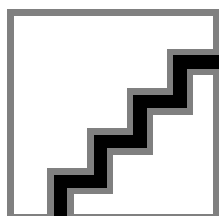
InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

Dimensional drawing



LEDtube 1200mm 12W G13/835

Product	D1	D2	A1	A2	A3
12T8/48-3500 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm



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www.philips.com/lighting

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data subject to change