



LED InstantFit Lamps

12T8/48-4000 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	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)	1600 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	6 steps
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)	12.0 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
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+
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	14.5 kWh

• Product Data

Order product name	12T8/48-4000 IF 10/1
EAN/UPC - Product	046677453602
Order code	453605

PHILIPS

LED InstantFit Lamps

Numerator - Quantity Per Pack 1
Numerator - Packs per outer box 10

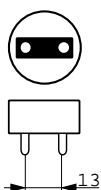
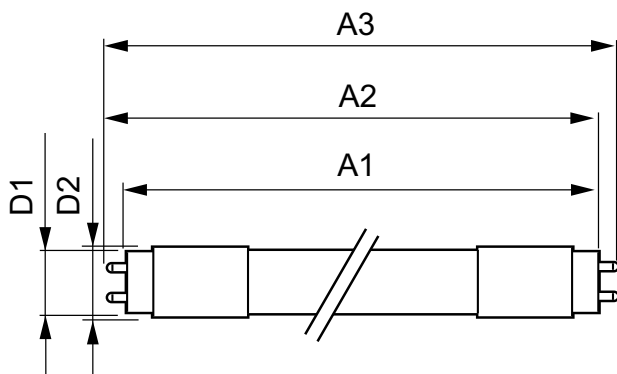
Material Nr. (12NC) 929001124104
Net Weight (Piece) 0.360 kg

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

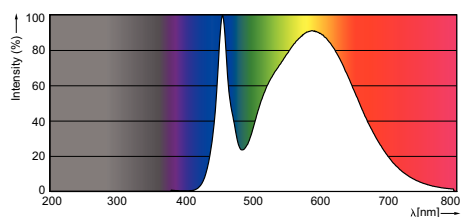
Dimensional drawing



LEDtube 1200mm 12W G13/840

Product	D1	D2	A1	A2	A3
12T8/48-4000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

Photometric data





© 2016 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2016, May 18
data subject to change