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.

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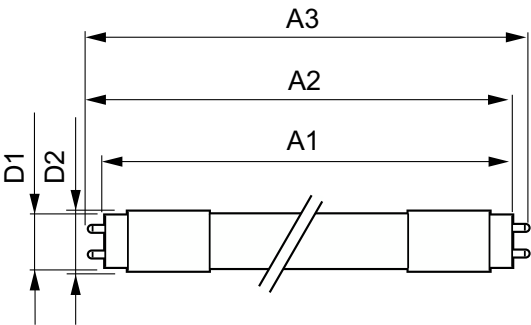
Product data

General Information

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,500 lm
Correlated Color Temperature (Nom)	3500 K
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	12 W
Starting Time (Nom)	0.5 s

Warm-up time to 60% light	0.1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	40 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Product Length	1,200 mm

Approval and Application

Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance KEMA Keur certificate DLC compliance
Energy Consumption kWh/1000 h	14.5 kWh

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Product Data

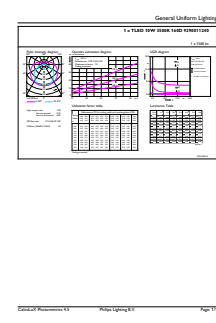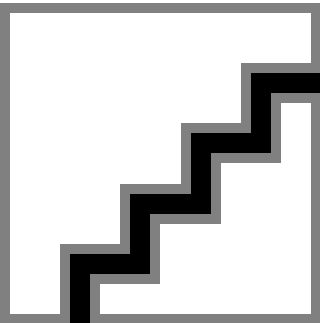|	
Order product name	12T8/48-3500 IF 10/1
Full product name	12T8/48-3500 IF 10/1
Order code	929001124004
Material Nr. (12NC)	929001124004
Numerator – Quantity Per Pack	1

EAN/UPC – Product/Case	046677453596
Numerator – Packs per outer box	10
EAN/UPC – Case	50046677453591

Dimensional drawing

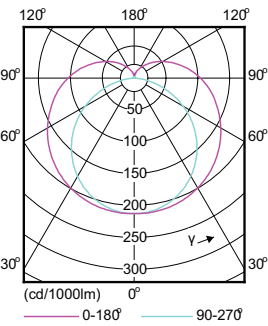| Product	D1	D2	A1	A2	A3
12T8/48-3500 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data

Spectral Power Distribution Colour – 12T8/48-3500 IF 10/1

General uniform lighting – 12T8/48-3500 IF 10/1

Light Distribution Diagram – 12T8/48-3500 IF 10/1

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www.lighting.philips.com