



LED InstantFit Lamps

12T8/48-5000 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 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

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	850 [CCT of 5000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,650 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<5
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
Lamp Current (Max)	150 mA

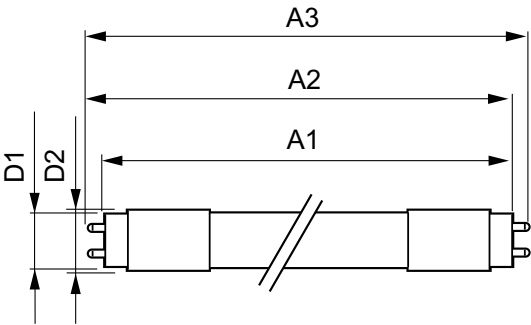
Lamp Current (Min)	60 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	40 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance KEMA Keur certificate DLC compliance

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Energy Consumption kWh/1000 h	14.5 kWh
Product Data	
Order product name	12T8/48-5000 IF 10/1
Full product name	12T8/48-5000 IF 10/1
Order code	929001124204
Material Nr. (12NC)	929001124204

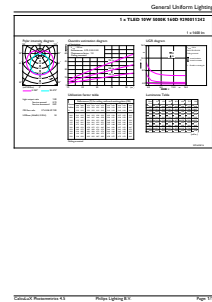
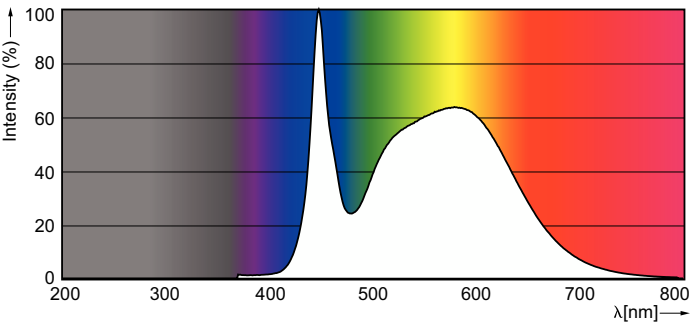
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677453619
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677453614

Dimensional drawing



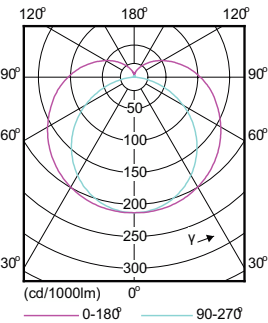
Product	D1	D2	A1	A2	A3
12T8/48-5000 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data



Spectral Power Distribution Colour - 12T8/48-5000 IF 10/1

General uniform lighting - 12T8/48-5000 IF 10/1



Light Distribution Diagram - 12T8/48-5000 IF 10/1

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