

# **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 ℃				
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				

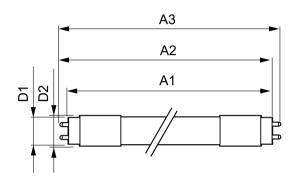
Datasheet, 2023, December 6 data subject to change

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Energy Consumption kWh/1000 h	14.5 kWh		
Energy consumption kwin/ 1000 ii	14.5 NW11		
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		

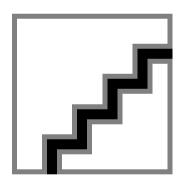
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677453619		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677453614		

### 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

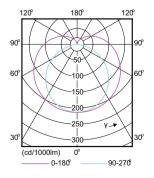
#### Photometric data





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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