



# 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.

### Product data

General Information		Voltage (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	120-277 V	
Main Application	Industrial	Temperature	
Nominal Lifetime (Nom)	50000 h	T-Ambient (Max)	45 °C
Switching Cycle	50000X	T-Ambient (Min)	-20 °C
B50L70	50000 h	T-Storage (Max)	65 °C
		T-Storage (Min)	-40 °C
		T-Case Maximum (Nom)	40 °C
Light Technical		Controls and Dimming	
Color Code	850 [ CCT of 5000K]	Dimmable	No
Luminous Flux (Nom)	1650 lm	Mechanical and Housing	
Luminous Flux (Rated) (Nom)	1650 lm	Product Length	1200 mm
Correlated Color Temperature (Nom)	5000 K	Approval and Application	
Color Consistency	<6	Energy Saving Product	Yes
Color Rendering Index (Nom)	83	Suitable For Accent Lighting	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Efficiency Label (EEL)	A+
Operating and Electrical		Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Input Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	14.5 kWh
Power (Rated) (Nom)	12 W		
Lamp Current (Nom)	60 mA		
Starting Time (Nom)	0.5 s		
Warm Up Time To 60% Light (Nom)	instant full light s		
Power Factor (Nom)	0.9		

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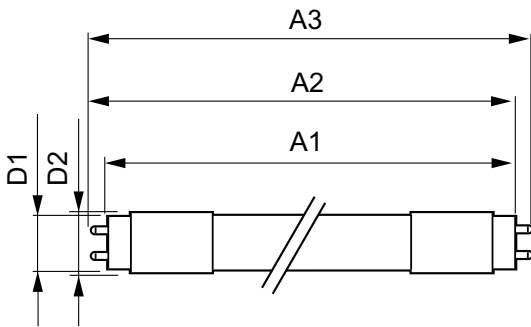
Order product name	12T8/48-5000 IF 10/1
EAN/UPC - Product	046677453619
Order code	929001124204
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001124204
Net Weight (Piece)	0.230 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](http://www.philips.com/tled)

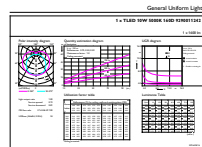
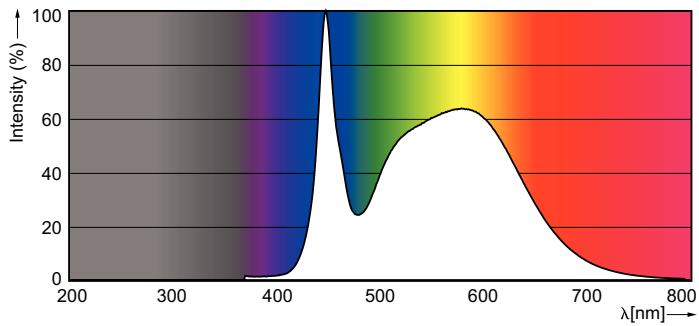
## Dimensional drawing



LEDtube 1200mm 12W G13/850

Product	D1	D2	A1	A2	A3
12T8/48-5000 IF 10/1	25.68 mm	28 mm	1198.0 mm	1205.0 mm	1212.0 mm

## Photometric data



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