



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

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

Product data

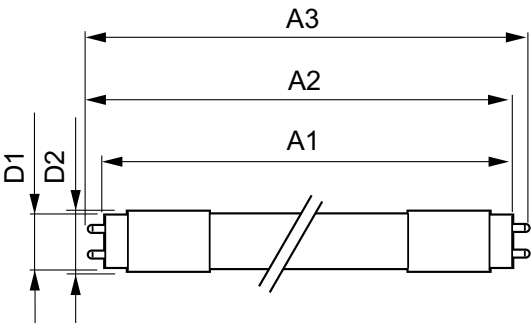
General Information		Lamp Current (Max)		150 mA
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	60 mA	
Nominal lifetime	50,000 hour(s)	Starting Time (Nom)	0.5 s	
Switching Cycle	50,000	Warm-up time to 60% light	0.1 s	
Lighting Technology	LED	Power Factor (Fraction)	0.9	
EU RoHS compliant	Yes	Voltage (Nom)	120-277 V	
Light Technical		Temperature		
Color Code	850 [CCT of 5000K]	Ambient temperature range	-20 °C to 45 °C	
Beam Angle (Nom)	160 degree(s)	T-Case Maximum (Nom)	40 °C	
Luminous Flux	1,650 lm	Controls and Dimming		
Correlated Color Temperature (Nom)	5000 K	Dimmable	No	
Color Consistency	<5	Mechanical and Housing		
Color rendering index (CRI)	82	Product Length	1,200 mm	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application		
Operating and Electrical		Energy Saving Product	Yes	
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	12 W			

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Approval Marks	UL certificate RoHS compliance KEMA Keur certificate DLC compliance
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	453613

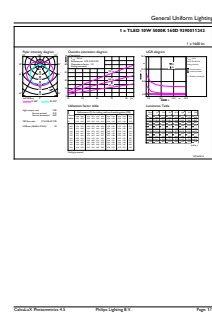
Material Nr. (12NC)	929001124204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677453619
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677453614

Dimensional drawing



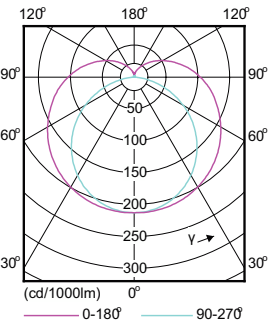
Product	D1	D2	A1	A2	A3
12T8/48-5000 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

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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