PHILIPS

Lighting

PHILIPS

LED InstantFit Lamps

17T8/AMB/48-840/120-277V IFG 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					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	36,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	840 [CCT of 4000K]				
Luminous Flux	2,100 lm				
Correlated Color Temperature (Nom)	4000 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	17 W				

335 mA

Lamp Current (Min)	145 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
Temperature				
Ambient temperature range	-4 °F to 113 °F			
T-Case Maximum (Nom)	140 °F			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	47-1/4 inch			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	UL certificate RoHS compliance			

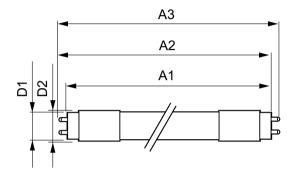
Lamp Current (Max)

LED InstantFit Lamps

Energy Consumption kWh/1000 h	20 kWh		
Product Data			
Order product name	17T8/AMB/48-4000 IFG 10/1		
Full product name	17T8/AMB/48-840/120-277V IFG 10/1		
Order code	456590		
Material Nr. (12NC)	929001151103		

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677456597
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677456592

Dimensional drawing

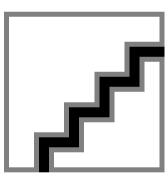


Product	D1	D2	A1	A2	A3
17T8/AMB/48-4000 IFG 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data

1 200 1000 1200

Light Distribution Diagram - 17T8/AMB/48-4000 IFG 10/1



Spectral Power Distribution Colour - 17T8/AMB/48-4000 IFG 10/1



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www.lighting.philips.com 2023, April 29 - data subject to change