



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
Lamp Current (Max)	335 mA

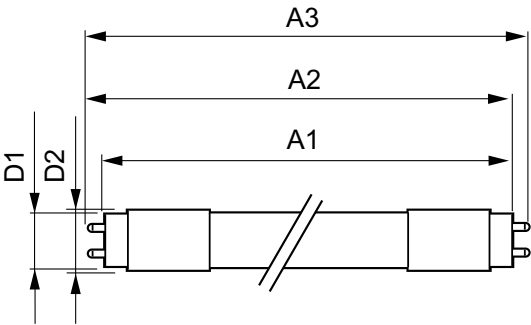
Lamp Current (Min)	145 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	140 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	47-1/4 inch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

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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

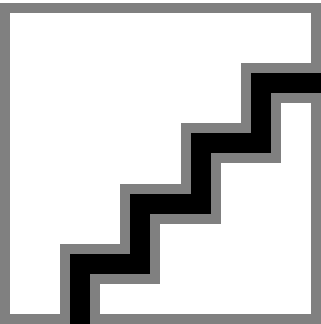
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677456597
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677456592

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



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

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

