



LED InstantFit Lamps

7T8 LED/24-3500 IF 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal Lifetime (Nom)	50000 h			
Switching Cycle	50000X			
B50L70	50000 h			
Light Technical				
Color Code	835 [CCT of 3500K]			
Luminous Flux (Nom)	1050 lm			
Luminous Flux (Rated) (Nom)	1050 lm			
Correlated Color Temperature (Nom)	3500 K			
Color Consistency	<6			
Color Rendering Index (Nom)	82			
LLMF At End Of Nominal Lifetime (Nom)	70 %			
Operating and Electrical				
Input Frequency	20000-120000 Hz			
Power (Rated) (Nom)	7 W			
Lamp Current (Max)	240 mA			
Lamp Current (Min)	80 mA			
Starting Time (Nom)	0.5 s			
Warm Up Time To 60% Light (Nom)	0.1 s			
Power Factor (Nom)	0.9			

Voltage (Nom)	120-277, 347 V			
Temperature				
T-Ambient (Max)	45 °C			
T-Ambient (Min)	-20 °C			
T-Storage (Max)	65 °C			
T-Storage (Min)	-40 °C			
T-Case Maximum (Nom)	50 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	600 mm			
Approval and Application				
Energy Saving Product	Yes			
Energy Efficiency Label (EEL)	Not applicable			
Approval Marks	UL certificate RoHS compliance			
Product Data				
Order product name	7T8 LED/24-3500 IF 10/1			
EAN/UPC - Product	046677472283			
Order code	929001310904			
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Datasheet, 2017, May 26 data subject to change

LED InstantFit Lamps

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001310904

Warnings and Safety

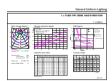
• Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

Dimensional drawing

Product	D1	D2	A1	A2	A3
7T8 LED/24-3500 IF 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

TLED 2ft 600mm 6W-17W 950lm 3500K G13 ND

Photometric data



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LED InstantFit PL-C/T 100mm 8.5 W /835

