



LED InstantFit Lamps

16.5T8 LED/48-4000 20/1 DC Driver

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

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

Product data

General Information				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	2,100 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	127.27 lm/W			
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	16.5 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	25-27 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	45 °C			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Product Length	1,200 mm			
Bulb Shape	Tube, double-ended			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			

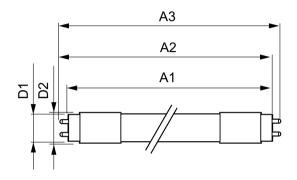
Datasheet, 2023, December 6 data subject to change

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Approval Marks	CE marking UL certificate RoHS compliance			
	KEMA Keur certificate			
Energy Consumption kWh/1000 h	21 kWh			
Product Data				
Order product name	16.5T8 LED/48-4000 20/1 DC Driver			
Full product name	16.5T8 LED/48-4000 20/1 DC Driver			
Order code	929001175104			

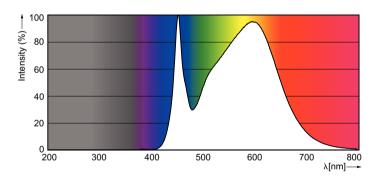
Material Nr. (12NC)	929001175104			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677458126			
Numerator - Packs per outer box	20			
EAN/UPC - Case	50046677458121			

Dimensional drawing



Product	D1	D2	A1	A2	А3
16.5T8 LED/48-4000 20/1 DC	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
Driver					

Photometric data



Light Distribution Diagram - 16.5T8 LED/48-4000 20/1 DC Driver

Spectral Power Distribution Colour - 16.5T8 LED/48-4000 20/1 DC Driver



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