

LED InstantFit Lamps

12T8/48-3000 IF 10/1

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	830 [CCT of 3000K]			
Luminous Flux	1,500 lm			
Correlated Color Temperature (Nom)	3000 K			
Color Consistency	<6			
Color rendering index (CRI)	83			
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	12 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			

Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	50 ℃		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	1,200 mm		
Approval and Application			
Energy Saving Product	Yes		
Suitable For Accent Lighting	No		
Approval Marks	CE marking UL certificate RoHS compliance		
	KEMA Keur certificate		
Energy Consumption kWh/1000 h	14.5 kWh		

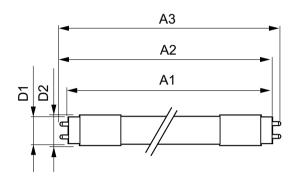
Datasheet, 2023, December 6 data subject to change

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Product Data	
Order product name	12T8/48-3000 IF 10/1
Full product name	12T8/48-3000 IF 10/1
Order code	929001123904
Material Nr. (12NC)	929001123904
Numerator - Quantity Per Pack	1

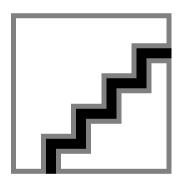
EAN/UPC - Product/Case	046677453589	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677453584	

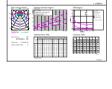
Dimensional drawing



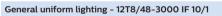
Product	D1	D2	A1	A2	A3
12T8/48-3000 IF 10/1	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

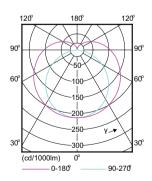
Photometric data





Spectral Power Distribution Colour - 12T8/48-3000 IF 10/1





Light Distribution Diagram - 12T8/48-3000 IF 10/1

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