

LED InstantFit Lamps

8.5T8/24-3000 IF 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	40,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical	_				
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	950 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	8.5 W				

Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	Instant full light s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	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	600 mm			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	CE marking UL certificate RoHS compliance			
	KEMA Keur certificate			

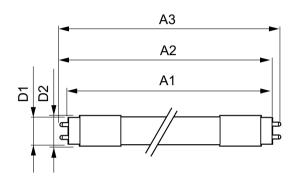
Datasheet, 2023, April 29 data subject to change

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Energy Consumption kWh/1000 h	10.5 kWh		
Product Data			
Order product name	8.5T8/24-3000 IF 10/1		
Full product name	8.5T8/24-3000 IF 10/1		
Order code	452011		
Material Nr. (12NC)	929001117904		

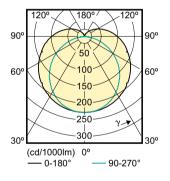
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677452018
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677452013

Dimensional drawing



Product	D1	D2	A1	A2	А3
8.5T8/24-3000 IF 10/1	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data





Light Distribution Diagram - 8.5T8/24-3000 IF 10/1

Spectral Power Distribution Colour - 8.5T8/24-3000 IF 10/1



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