



# **LED InstantFit Lamps**

# 16.5T8/24-5000 IF-6U 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	850 [CCT of 5000K]			
Beam Angle (Nom)	160 degree(s)			
Luminous Flux	2,150 lm			
Correlated Color Temperature (Nom)	5000 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	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)	120-277 V				
Temperature					
Ambient temperature range	-20 °C to 45 °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				
Suitable For Accent Lighting	No				
Approval Marks	CE marking UL certificate RoHS compliance				
	KEMA Keur certificate				

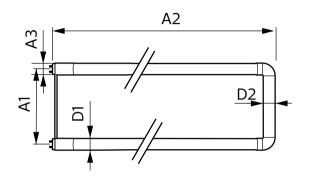
Datasheet, 2023, April 29 data subject to change

## **LED InstantFit Lamps**

Energy Consumption kWh/1000 h	16.5 kWh
Product Data	
Order product name	16.5T8/24-5000 IF-6U 10/1
Full product name	16.5T8/24-5000 IF-6U 10/1
Order code	452698
Material Nr. (12NC)	929001119904

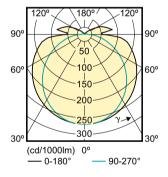
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677452698
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677452693

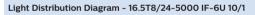
### Dimensional drawing

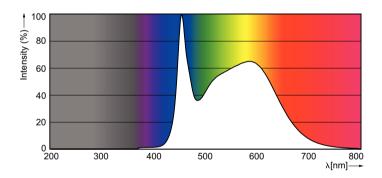


Product	D1	D2	A1	A2	A3
16.5T8/24-5000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

#### Photometric data







Spectral Power Distribution Colour - 16.5T8/24-5000 IF-6U 10/1



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