

# **LED InstantFit Lamps**

# 16.5T8/24-4000 IF-6U 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	40,000 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				
Correlated Color Temperature (Nom)	4000 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 ℃				
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				
Energy Consumption kWh/1000 h	16.5 kWh				

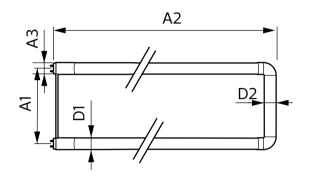
Datasheet, 2023, December 6 data subject to change

# **LED InstantFit Lamps**

Product Data	
Order product name	16.5T8/24-4000 IF-6U 10/1
Full product name	16.5T8/24-4000 IF-6U 10/1
Order code	929001119804
Material Nr. (12NC)	929001119804
Numerator - Quantity Per Pack	1

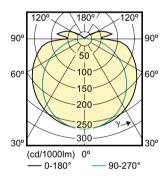
EAN/UPC - Product/Case	046677452681
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677452686

# Dimensional drawing



Product	D1	D2	A1	A2	А3
16.5T8/24-4000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

### Photometric data



Light Distribution Diagram - 16.5T8/24-4000 IF-6U 10/1

Spectral Power Distribution Colour - 16.5T8/24-4000 IF-6U 10/1



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