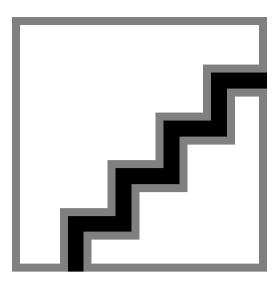
# **PHILIPS** Lighting



## **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

• 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		Warm-up time to 60% light	Instant full light s	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Factor (Fraction)	0.9	
Nominal lifetime	40,000 hour(s)	Voltage (Nom)	120-277 V	
Switching Cycle	50,000			
Lighting Technology	LED	Temperature		
EU RoHS compliant	Yes	Ambient temperature range	-20 °C to 45 °C	
		T-Case Maximum (Nom)	50 °C	
Light Technical				
Color Code	850 [CCT of 5000K]	Controls and Dimming		
Beam Angle (Nom)	160 degree(s)	Dimmable	No	
Luminous Flux	2,150 lm			
Correlated Color Temperature (Nom)	5000 K	Mechanical and Housing		
Color Consistency	<6	Product Length 600 mm		
Color rendering index (CRI)	83			
LLMF At End Of Nominal Lifetime (Nom) 70 %		Approval and Application		
		Energy Saving Product	Yes	
Operating and Electrical		Suitable For Accent Lighting	No	
Line Frequency	50 to 60 Hz	Approval Marks	CE marking UL certificate RoHS complian	
Input Frequency	50 to 60 Hz		KEMA Keur certificate	
Power Consumption	16.5 W	Energy Consumption kWh/1000 h	16.5 kWh	
Starting Time (Nom)	0.5 s			

#### LED InstantFit Lamps

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	929001119904		
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**

Photometric data

180°

50

100

150

200

250 300

(cd/1000lm) 0°

– 0-180°

120

90°

60°

30°

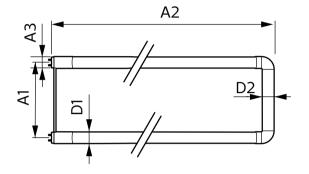
90-270°

120

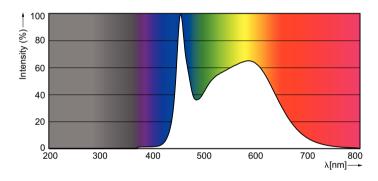
900

60°

309



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



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

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



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www.lighting.philips.com 2023, December 6 - data subject to change