



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	
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

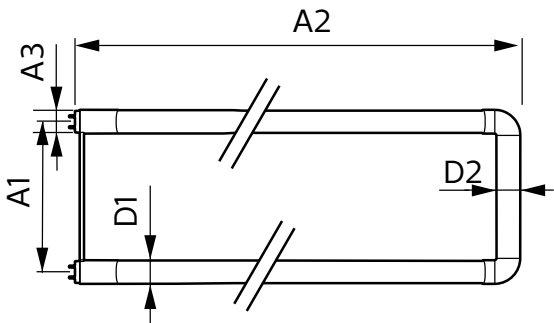
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	600 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16.5 kWh

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

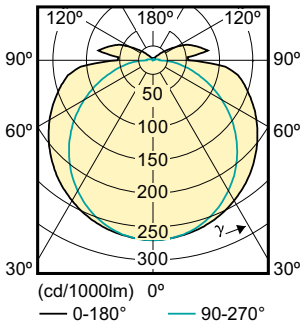
EAN/UPC - Product/Case	046677452698
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677452693

Dimensional drawing

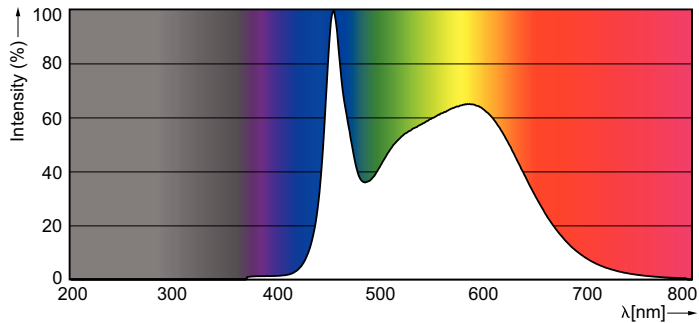


Product	D1	D2	A1	A2	A3
16.5T8/24-5000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

Photometric data



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



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

