LED InstantFit Lamps

16.5T8 LED/48-4000 20/1 DC Driver

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	50,000 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
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	127.27 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
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)	25-27 V

Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	113 °F

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Product Length	47-1/4 inch
Bulb Shape	Tube, double-ended

| Approval and Application	
Energy Saving Product	Yes

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Suitable For Accent Lighting	No
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh

Product Data

Order product name	16.5T8 LED/48-4000 20/1 DC Driver
Full product name	16.5T8 LED/48-4000 20/1 DC Driver

Order code	458125
Material Nr. (12NC)	929001175104
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	046677458126
Numerator – Packs per outer box	20
EAN/UPC – Case	50046677458121

Dimensional drawing
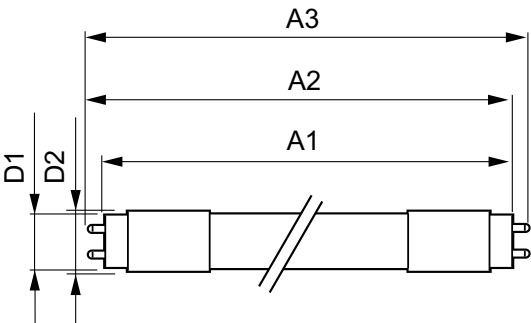
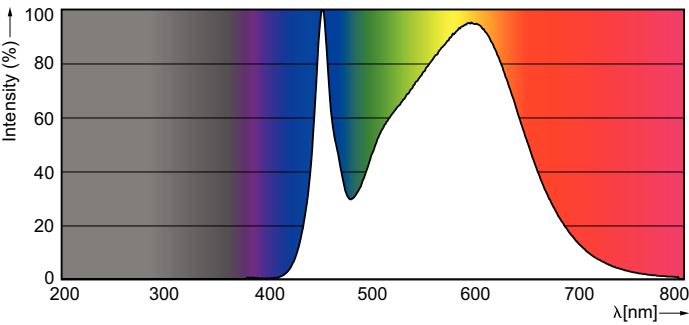| Product	D1	D2	A1	A2	A3
16.5T8 LED/48-4000 20/1 DC Driver	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm

Photometric data
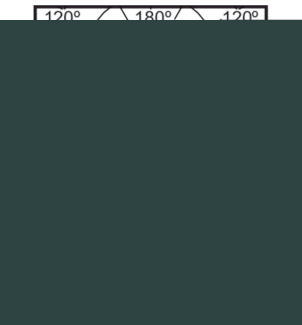
Light Distribution Diagram – 16.5T8 LED/48-4000 20/1 DC Driver

Spectral Power Distribution Colour – 16.5T8 LED/48-4000 20/1 DC Driver

www.lighting.philips.com

2023, May 1 – data subject to change