



T8

16.5T8 LED/48-3000 IF 10/1 UHO

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	70,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	160 degree(s)				
Luminous Flux	2,300 lm				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	139.00 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				

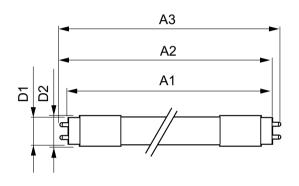
Input Frequency	50 to 60 Hz			
Power Consumption	16.5 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.1 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277, 347 V			
Temperature				
Ambient temperature range	-4 °F to 131 °F			
T-Case Maximum (Nom)	113 °F			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Plastic			
Product Length	47-1/4 inch			
Bulb Shape	Tube, double-ended			

Datasheet, 2023, August 2 data subject to change

Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	UL certificate RoHS compliance			
Energy Consumption kWh/1000 h	20 kWh			
Energy Certifications	DLC Standard			
Product Data				
Order product name	16.5T8 LED/48-3000 IF 10/1 UHO			

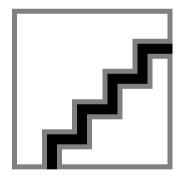
Full product name	16.5T8 LED/48-3000 IF 10/1 UHO			
Order code	468892			
Material Nr. (12NC)	929001304404			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677472733			
Numerator - Packs per outer box	10			
EAN/UPC - Case	50046677468892			

Dimensional drawing



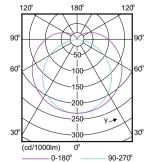
Product	D1	D2	A1	A2	А3
16.5T8 LED/48-3000 IF 10/1 UHO	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data





Spectral Power Distribution Colour - 16.5T8 LED/48-3000 IF 10/1 UHO



Light Distribution Diagram - 16.5T8 LED/48-3000 IF 10/1 UHO

General uniform lighting - 16.5T8 LED/48-3000 IF 10/1 UHO



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.