

# **T8**

# 14T8PRO/48-830/BB17/G 10/1 FB

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	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	1,700 lm				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	121.00 lm/W				
Color Consistency	<6				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					
Operating and Electrical					
Line Frequency	50 to 60 Hz				

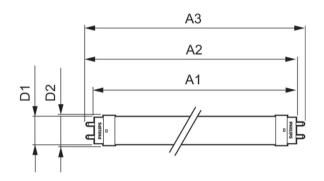
Input Frequency	50 to 60 Hz			
Power Consumption	14 W			
Lamp Current (Max)	130 mA			
Lamp Current (Min)	47 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	70 °C			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			
Bulb Shape	Т8			

Datasheet, 2023, August 2 data subject to change

Approval and Application				
<b>Energy Saving Product</b>	Yes			
Approval Marks	UL certificate RoHS compliance DLC			
	compliance			
Energy Consumption kWh/1000 h	- kWh			
Energy Certifications	DLC Standard			
Product Data				
Order product name	14T8PRO/48-830/BB17/G 10/1 FB			

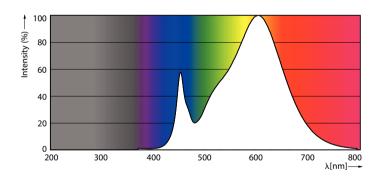
Full product name	14T8PRO/48-830/BB17/G 10/1 FB			
Order code	477315			
Material Nr. (12NC)	929001845404			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677477318			
Numerator - Packs per outer box	10			
EAN/UPC - Case	50046677477313			

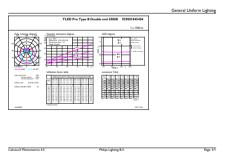
# Dimensional drawing



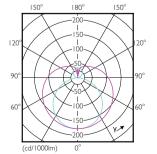
Product	D1	D2	A1	A2	А3
14T8PRO/48-830/BB17/G 10/1 FB	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

#### Photometric data





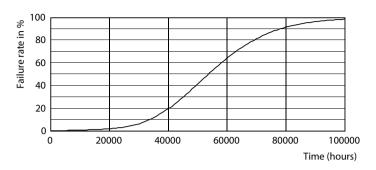
## Spectral Power Distribution Colour - 14T8PRO/48-830/BB17/G 10/1 FB

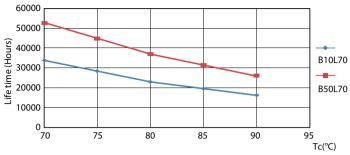


Light Distribution Diagram - 14T8PRO/48-830/BB17/G 10/1 FB

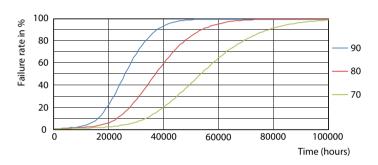
General uniform lighting - 14T8PRO/48-830/BB17/G 10/1 FB

#### Lifetime

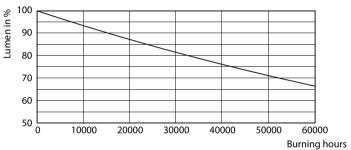




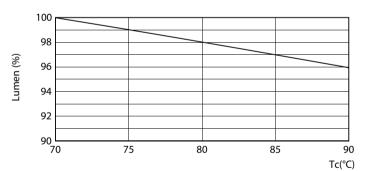
#### Life Expectancy Diagram - 14T8PRO/48-830/BB17/G 10/1 FB



## Life Expectancy Diagram - 14T8PRO/48-830/BB17/G 10/1 FB



Life Expectancy Diagram - 14T8PRO/48-830/BB17/G 10/1 FB



Lumen Maintenance Diagram - 14T8PRO/48-830/BB17/G 10/1 FB

3

Lumen Maintenance Diagram - 14T8PRO/48-830/BB17/G 10/1 FB



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