

T8

16.5T8PRO/48-840/BB21/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	840 [CCT of 4000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	2,100 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	127.00 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				

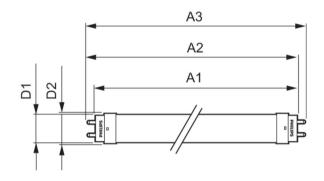
Input Frequency	50 to 60 Hz		
Power Consumption	16.5 W		
Lamp Current (Max)	154 mA		
Lamp Current (Min)	55 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
Temperature			
Ambient temperature range	-4 °F to 113 °F		
T-Case Maximum (Nom)	158 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product Length	47-1/4 inch		
Bulb Shape	Tube, double-ended		

Datasheet, 2023, November 12 data subject to change

Approval and Application					
Energy Saving Product	Yes				
Approval Marks	UL certificate RoHS compliance DLC				
	compliance				
Energy Consumption kWh/1000 h	- kWh				
Energy Certifications	DLC Standard				
Product Data					
Order product name	16.5T8PRO/48-840/BB21/G 10/1 FB				

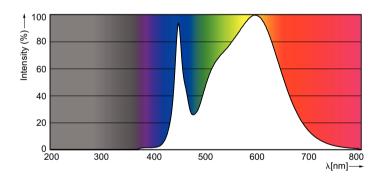
Full product name	16.5T8PRO/48-840/BB21/G 10/1 FB			
Order code	471763			
Material Nr. (12NC)	929001363334			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677471767			
Numerator - Packs per outer box	10			
EAN/UPC - Case	50046677471762			

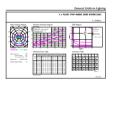
Dimensional drawing



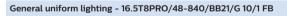
Product	D1	D2	A1	A2	А3
16.5T8PRO/48-840/	1-1/16 inch	1-1/16 inch	47-1/4 inch	47-9/16 inch	47-13/16 inch
BB21/G 10/1 FB					

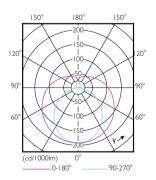
Photometric data





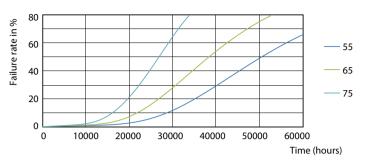
Spectral Power Distribution Colour - 16.5T8PRO/48-840/BB21/G 10/1 FB

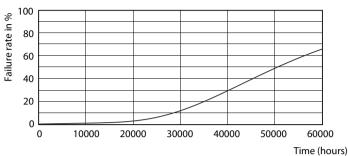




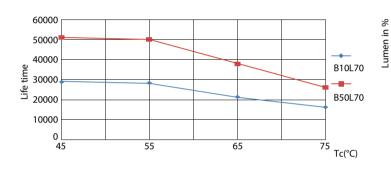
Light Distribution Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB

Lifetime

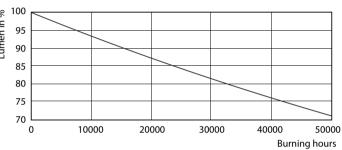




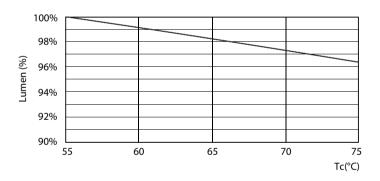
Life Expectancy Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB



Life Expectancy Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB



Life Expectancy Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB



Lumen Maintenance Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB

Lumen Maintenance Diagram - 16.5T8PRO/48-840/BB21/G 10/1 FB

3



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