

T8

14T8/COR/48-850/IF22/G/DIM/BAA 25/1

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]				
EU RoHS compliant	Yes				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
Buy American Compliant Products	Yes				
Brand	Philips				
Light Technical					
Color Code	850 [CCT of 5000K]				
Beam Angle (Nom)	240 degree(s)				
Luminous Flux	2,200 lumen				
Color Designation	Daylight				
Correlated Color Temperature (Nom)	5000 K				
Luminous Efficacy (rated) (Nom)	157.00 lm/W				
Color Consistency	<5				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom) 70 %					

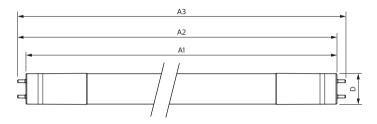
Operating and Electrical				
Line Frequency	20K to 120K Hz			
Input Frequency	20K to 120K Hz			
Power Consumption	14 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.9			
Voltage (Nom)	120-277, 347 V			
Temperature				
Ambient temperature range	-20 °C to 45 °C			
T-Case Maximum (Nom)	122 °F			
Controls and Dimming				
Dimmable	Only with specific dimmers			
Mechanical and Housing				
Bulb Finish	Frosted			
Bulb Material	Glass			
Product Length	47-1/4 inch			

Datasheet, 2023, April 15 data subject to change

Bulb Shape	Tube, double-ended			
Approval and Application				
Energy Saving Product	Yes			
Approval Marks	RoHS compliance UL certificate DLC			
	compliance			
Product Data				
Order product name	14T8/COR/48-850/IF22/G/DIM/BAA 25/1			

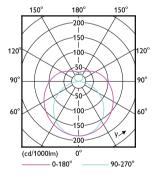
Order code	576827			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	25			
Material number (12NC)	929003145004			
Net weight	0.206 kg			
Full product name	14T8/COR/48-850/IF22/G/DIM/BAA 25/1			
EAN/UPC - Case	50046677576825			

Dimensional drawing

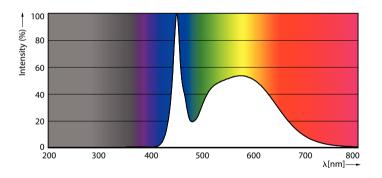


Product	D1	D2	A1	A2	А3
14T8/COR/48-850/	25.7 mm	25.7 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm
IF22/G/DIM/BAA 25/1					

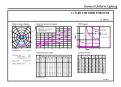
Photometric data



Light Distribution Diagram - 14T8/COR/48-850/IF22/G/DIM/BAA 25/1

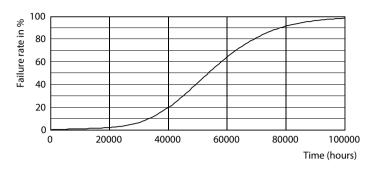


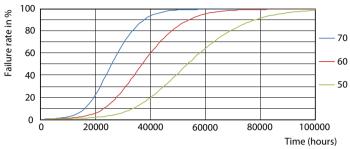
Spectral Power Distribution Colour - 14T8/COR/48-850/IF22/G/DIM/BAA 25/1



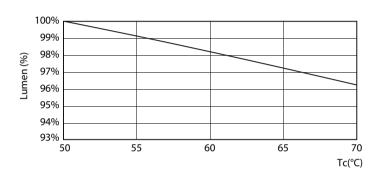
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Lifetime

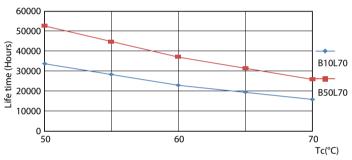




Life Expectancy Diagram - 14T8/COR/48-850/IF22/G/DIM/BAA 25/1

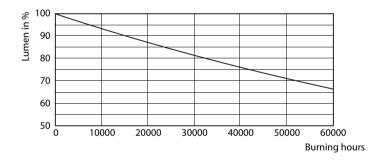






Lumen Maintenance Diagram - 14T8/COR/48-850/IF22/G/DIM/BAA 25/1





Lumen Maintenance Diagram - 14T8/COR/48-850/IF22/G/DIM/BAA 25/1



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