



T8

14T8/COR/48-830/IF20/G/DIM 10/1

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		Power (Rated) (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]		14 W
EU RoHS compliant	Yes	Lamp Current (Max)	260 mA
Nominal Lifetime (Nom)	70000 h	Lamp Current (Min)	100 mA
Switching Cycle	50000	Wattage Equivalent	32 W
Tier	CorePro	Starting Time (Nom)	0.5 s
		Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	Type A - works on ballast
Color Code	830 [CCT of 3000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277, 347 V
Initial lumen (Nom)	2000 lm	Temperature	
Color Designation	White (WH)	T-Ambient (Max)	113 °F
Correlated Color Temperature (Nom)	3000 K	T-Ambient (Min)	-4 °F
Luminous Efficacy (rated) (Nom)	142.86 lm/W	T-Storage (Max)	149 °F
Color Consistency	<6	T-Storage (Min)	-40 °F
Color Rendering Index (Nom)	82	T-Case Maximum (Nom)	122 °F
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming	
Operating and electrical		Dimmable	Yes
Input Frequency	25000-105000 Hz		

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Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 in
Bulb Shape	Tube, double-ended

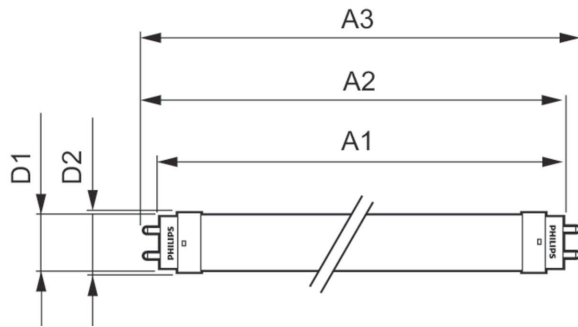
Approval and application

Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

Product data

Order product name	14T8/COR/48-830/IF20/G/DIM 10/1
EAN/UPC - Product	046677452407
Order code	470096
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001343034
Net Weight (Piece)	0.474 lb
Model Number	9290013430A

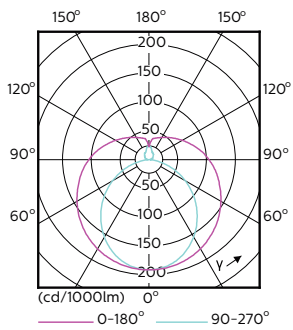
Dimensional drawing



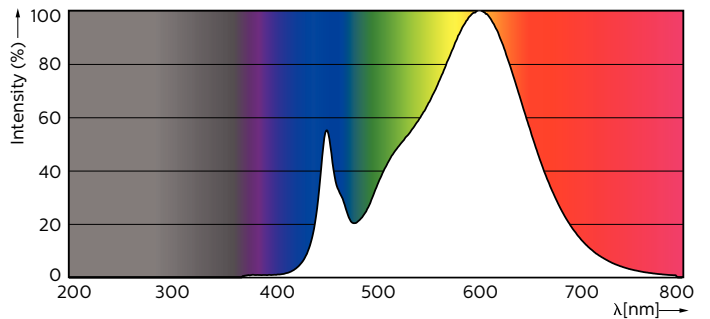
14T8/COR/48-830/IF20/G/DIM 10/1

Product	D1	D2	A1	A2	A3
14T8/COR/48-830/IF20/G/DIM 10/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

Photometric data

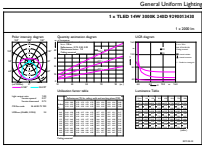


LEDtube 1200mm 17W G13 2100lm



LEDtube PRO 1200mm 14W G13 830 2000lm

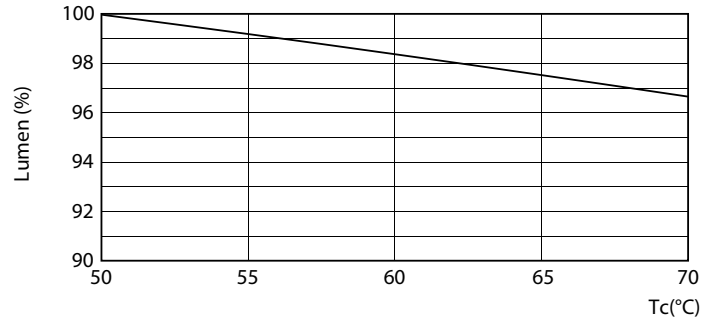
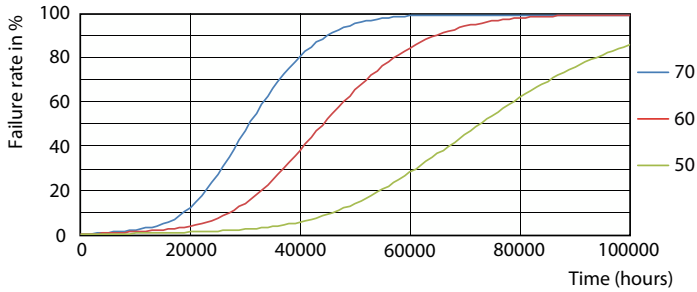
Photometric data



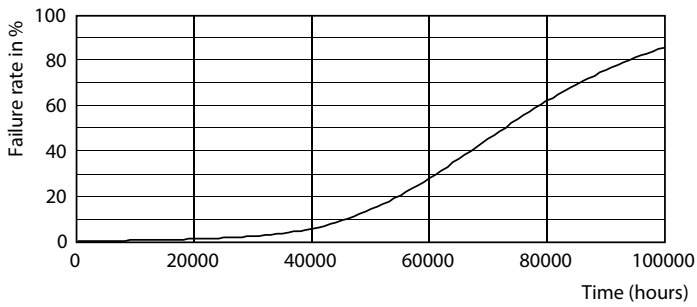
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LEDtube PRO 1200mm 14W G13 830 2000lm

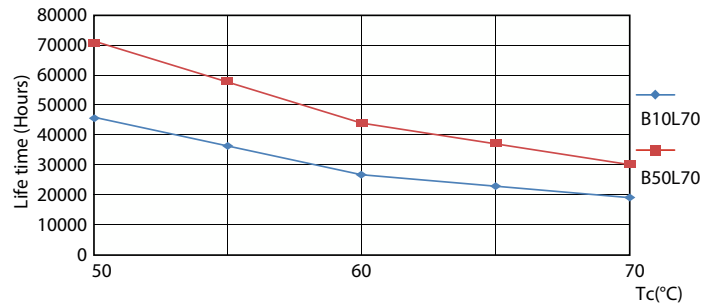
Lifetime



LEDtube 70K 5070 FailureRate-LED



12W G13

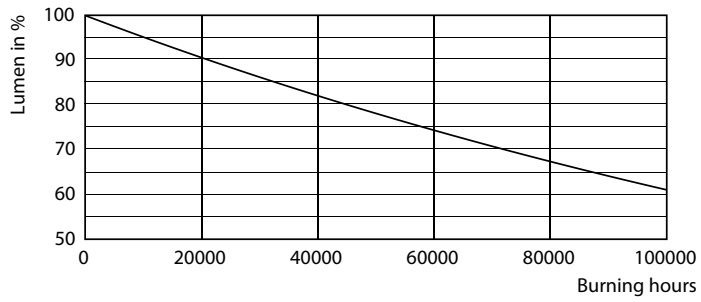


Life Expectancy Diagram

LEDtube 70K 5070 LifetimeVsTc-LED

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Lifetime



Lumen Maintenance Diagram

