



T8

14.5T8/COR/48-840/MF21/G 10/1

Philips MainsFit (UL Type B) CorePro T8 LED tubes deliver high-quality, flicker free performance at an affordable price. The UL Type B LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to Philips and realize 50,000 hour LED lifetime backed by a 5-year, full replacement limited warranty.

Product data

General information		Lamp Current (Min)	
Base	G13 [Medium Bi-Pin Fluorescent]		58 mA
EU RoHS compliant	Yes	Wattage Equivalent	32 W
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.5 s
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	0.5 s
Technical Type	14.5-32W	UL Type	Type B - bypass the ballast
		Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light technical		Temperature	
Color Code	841 [CCT of 4100K (841)]	T-Ambient (Max)	113 °F
Beam Angle (Nom)	240 °	T-Ambient (Min)	-4 °F
Initial lumen (Nom)	2100 lm	T-Storage (Max)	149 °F
Color Designation	Cool White (CW)	T-Storage (Min)	-40 °F
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	158 °F
Luminous Efficacy (rated) (Nom)	144.00 lm/W		
Color Consistency	<6	Controls and dimming	
Color Rendering Index (Nom)	80	Dimmable	Limited
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical		Mechanical and housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted
Power (Rated) (Nom)	14.5 W	Bulb Material	Glass
Lamp Current (Max)	124 mA	Product Length	48 in

T8

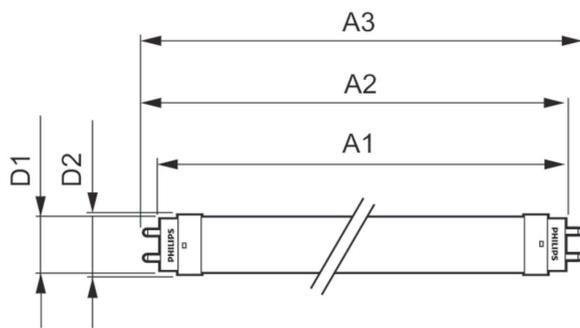
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	14.5T8/COR/48-840/MF21/G 10/1
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EAN/UPC - Product	046677563547
Order code	563544
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484604
Net Weight (Piece)	0.474 lb
Model Number	9290024846

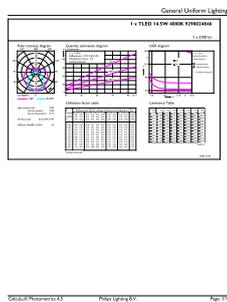
Dimensional drawing



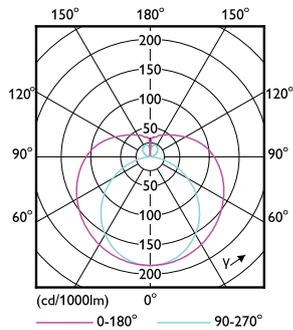
14.5T8/COR/48-840/MF21/G 10/1

Product	D1	D2	A1	A2	A3
14.5T8/COR/48-840/MF21/G 10/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

Photometric data

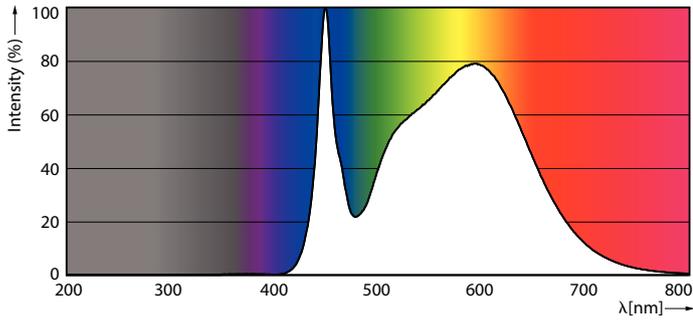


LEDtube COR 14,5W G13 2100lm 840



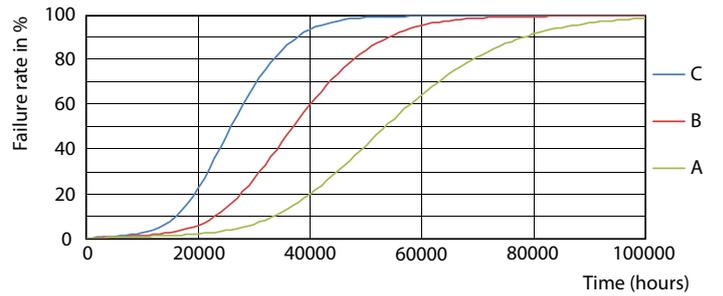
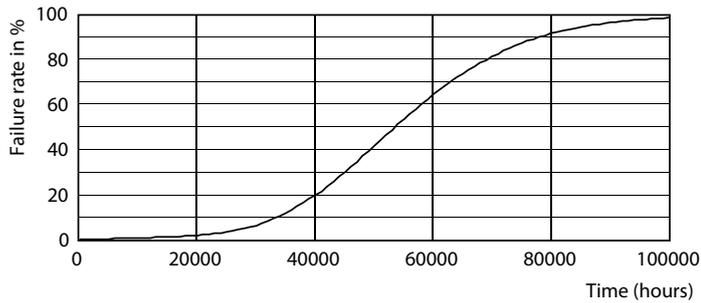
LEDtube COR 9,9W G13 1550lm

Photometric data

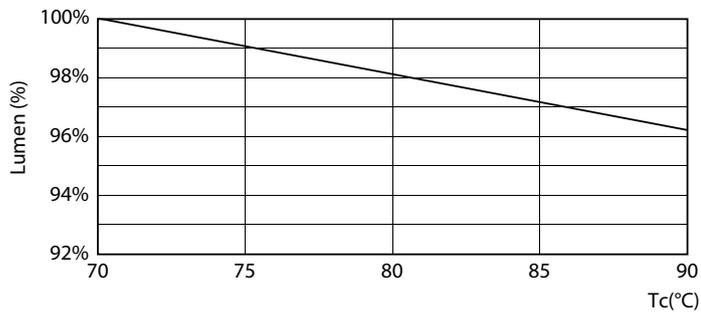


LEDtube COR 9,9W G13 1600lm 840

Lifetime

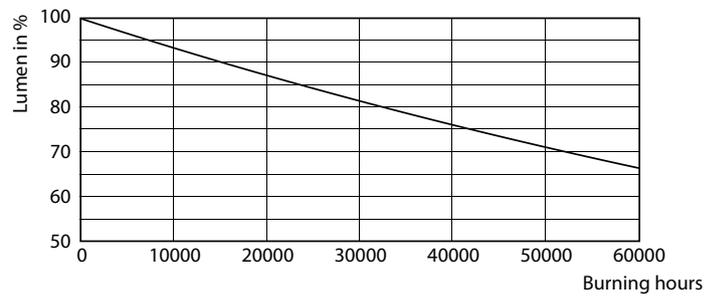


Life Expectancy Diagram



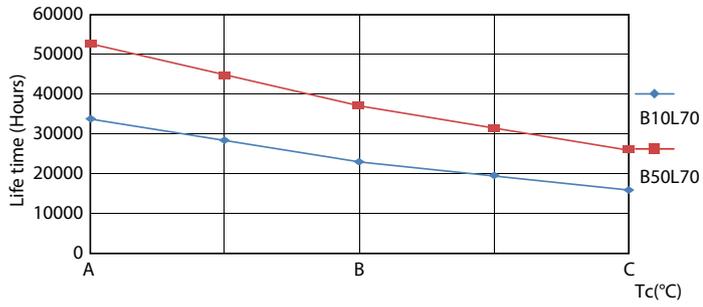
LEDtube COR 9,9W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

