

T8

9.9T8/COR/48-835/MF15/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. The DLC 5.1 listed products are compatible with Philips new PTB15D emergency driver meeting UL 924 requirements.

Product data

General information		Electrical	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	85 mA
EU RoHS compliant	Yes	Lamp Current (Min)	40 mA
Nominal Lifetime (Nom)	50000 h	Wattage Equivalent	32 W
Switching Cycle	50000	Starting Time (Nom)	0.5 s
Tier	CorePro	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	Type B - bypass the ballast
Color Code	835 [CCT of 3500K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277 V
Initial lumen (Nom)	1550 lm	Temperature	
Color Designation	White (WH)	T-Ambient (Max)	113 °F
Correlated Color Temperature (Nom)	3500 K	T-Ambient (Min)	-4 °F
Luminous Efficacy (rated) (Nom)	156.00 lm/W	T-Storage (Max)	149 °F
Color Consistency	<6	T-Storage (Min)	-40 °F
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)	158 °F
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming	
Operating and electrical		Dimmable	Limited
Input Frequency	50 to 60 Hz	Mechanical and housing	
Power (Rated) (Nom)	9.9 W	Bulb Finish	Frosted

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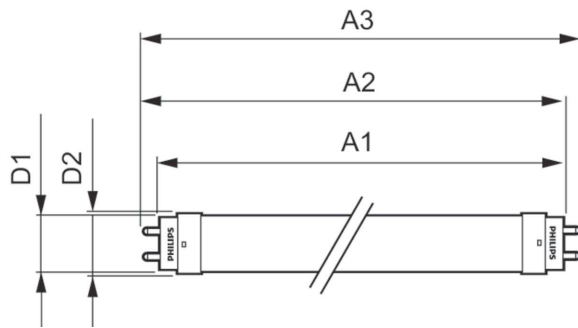
Bulb Material	Glass
Product Length	47-1/4 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	9.9T8/COR/48-835/MF15/G 10/1
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EAN/UPC - Product	046677563455
Order code	563452
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002483704
Net Weight (Piece)	0.441 lb
Model Number	9290024837

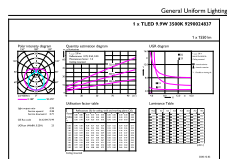
Dimensional drawing



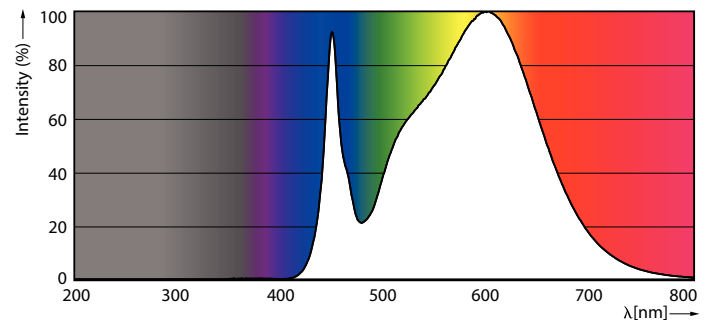
9.9T8/COR/48-835/MF15/G 10/1

Product	D1	D2	A1	A2	A3
9.9T8/COR/48-835/MF15/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



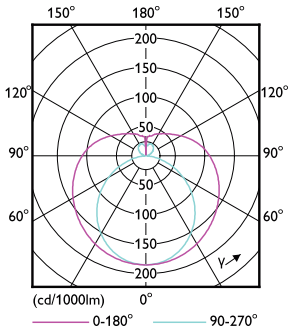
General Uniform Lighting
1x LED 9.9W 2200K 1000lm LED



LEDtube COR 9,9W G13 1550lm 835

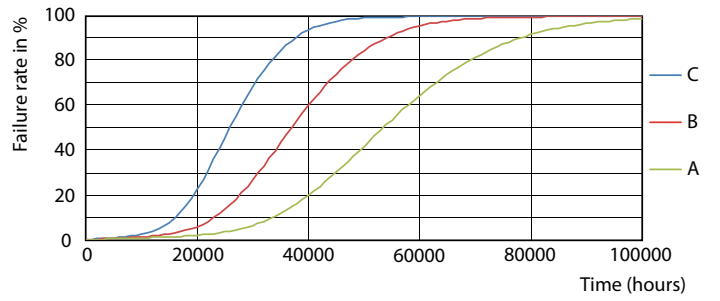
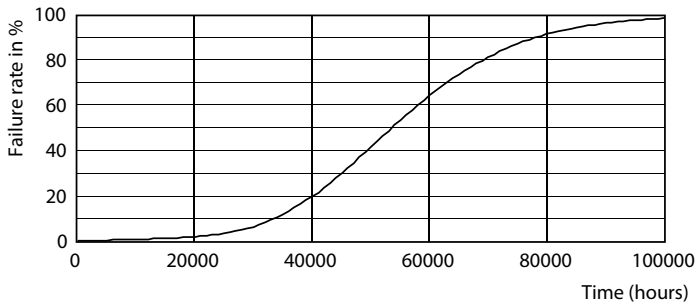
LEDtube COR 9,9W G13 1550lm 835

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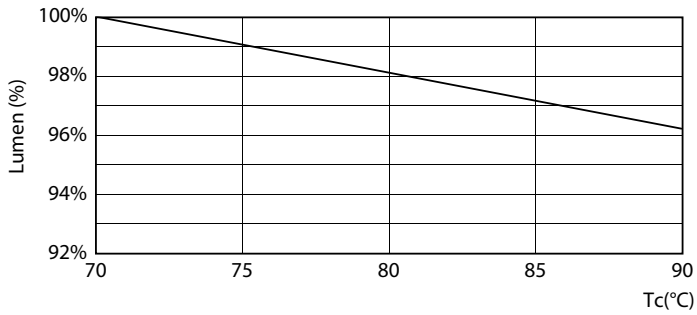


LEDtube COR 9,9W G13 1550lm

Lifetime

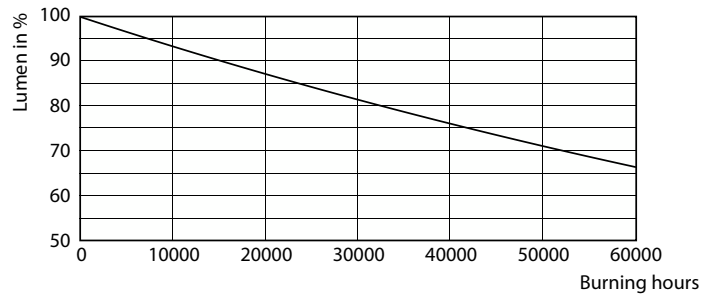


Life Expectancy Diagram



LEDtube COR 9,9W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

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Lifetime



LEDtube 50K LifetimeVsTc-LED

