

T8

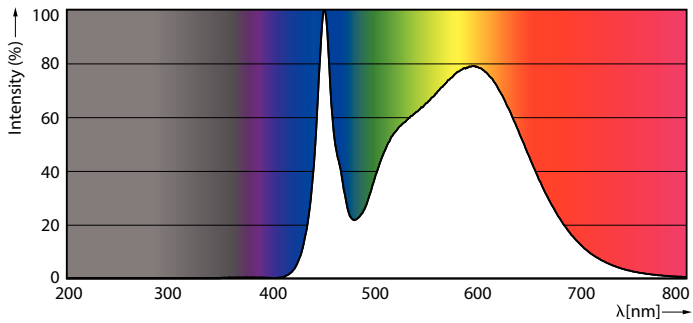
9.9T8/COR/48-840/MF16/G 10/1

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

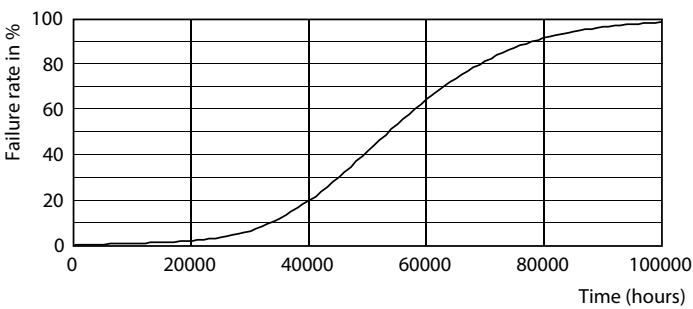
General information		Lamp Current (Max)		85 mA
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	40 mA	
EU RoHS compliant	Yes	Wattage Equivalent	32 W	
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.5 s	
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	0.5 s	
Tier	CorePro	UL Type	Type B - bypass the ballast	
Light technical		Power Factor (Nom)	0.9	
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)	120-277 V	
Beam Angle (Nom)	240 °	Temperature		
Initial lumen (Nom)	1600 lm	T-Ambient (Max)	113 °F	
Color Designation	Cool White (CW)	T-Ambient (Min)	-4 °F	
Correlated Color Temperature (Nom)	4000 K	T-Storage (Max)	149 °F	
Luminous Efficacy (rated) (Nom)	161.00 lm/W	T-Storage (Min)	-40 °F	
Color Consistency	<6	T-Case Maximum (Nom)	158 °F	
Color Rendering Index (Nom)	80	Controls and dimming		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	Limited	
Operating and electrical		Mechanical and housing		
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted	
Power (Rated) (Nom)	9.9 W			

Photometric data

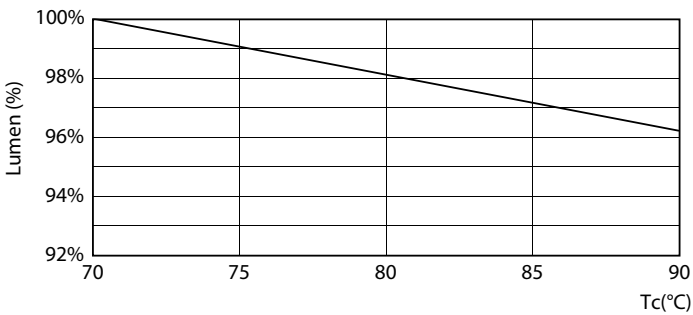


LEDtube COR 9,9W G13 1600lm 840

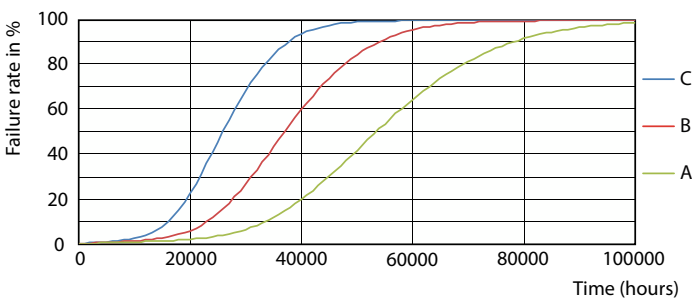
Lifetime



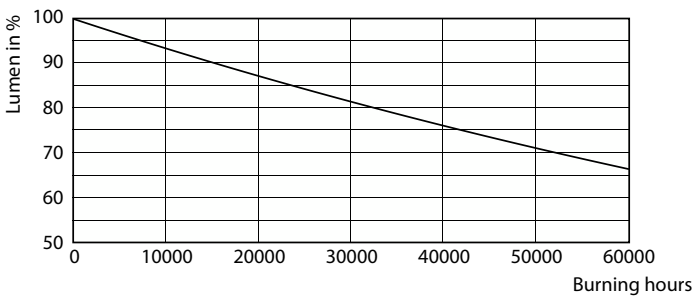
Life Expectancy Diagram



LEDtube COR 9,9W 50K LumenVsTc

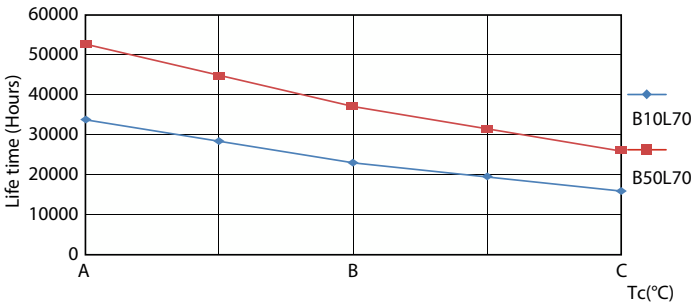


FailureRate



Lumen Maintenance Diagram

Lifetime



LifetimeVsTc

