

T8

9.9T8/COR/48-850/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.

Product data

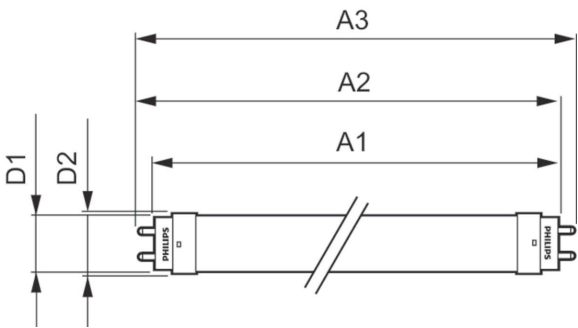
General Information		Lamp Current (Max)		100 mA
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	43 mA	
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s	
Nominal Lifetime (Nom)	50000 h	Warm Up Time to 60% Light (Nom)	0.5 s	
Switching Cycle	50000X	UL Type	Type B - bypass the ballast	
Technical Type	9.9-32W	Power Factor (Nom)	0.9	
Light Technical		Voltage (Nom)	120-277 V	
Color Code	850 [CCT of 5000K]	Temperature		
Beam Angle (Nom)	240 °	T-Ambient (Max)	45 °C	
Initial lumen (Nom)	1650 lm	T-Ambient (Min)	-20 °C	
Luminous Flux (Rated) (Nom)	1650 lm	T-Storage (Max)	65 °C	
Color Designation	Daylight	T-Storage (Min)	-40 °C	
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	70 °C	
Luminous Efficacy (rated) (Nom)	166.00 lm/W	Controls and Dimming		
Color Consistency	<5	Dimmable	No	
Color Rendering Index (Nom)	80	Mechanical and Housing		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	48 in	
Operating and Electrical				
Input Frequency	50 to 60 Hz			
Power (Rated) (Nom)	9.9 W			

Approval and Application	
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product Data	
Order product name	9.9T8/COR/48-850/MF16/G 10/1
EAN/UPC - Product	046677557447

Order code	557447
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002326104
Net Weight (Piece)	0.240 kg
Model Number	9290023261

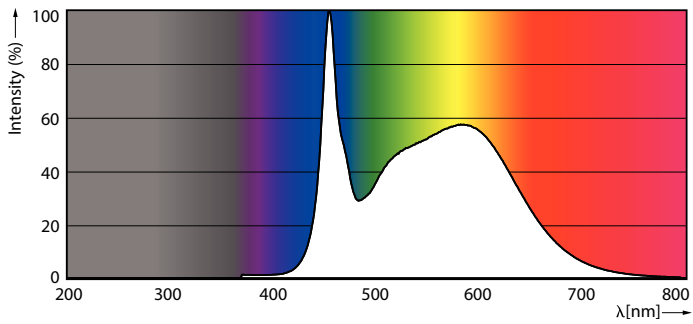
Dimensional drawing



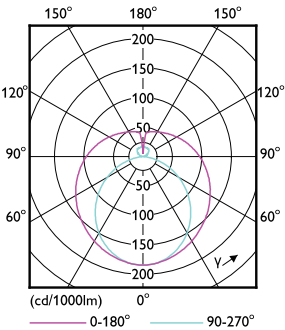
TLED T8 120-277V 9.9-32W 1650lm 5000K

Product	D1	D2	A1	A2	A3
9.9T8/COR/48-850/MF16/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

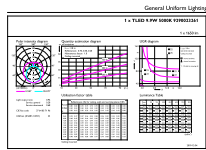


LEDtube 9,9W G13 850



LEDtube 9,9W G13

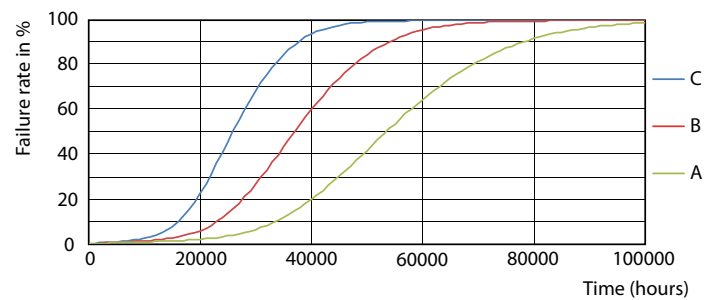
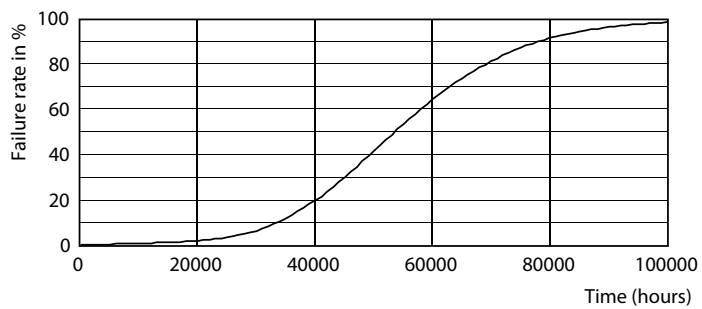
Photometric data



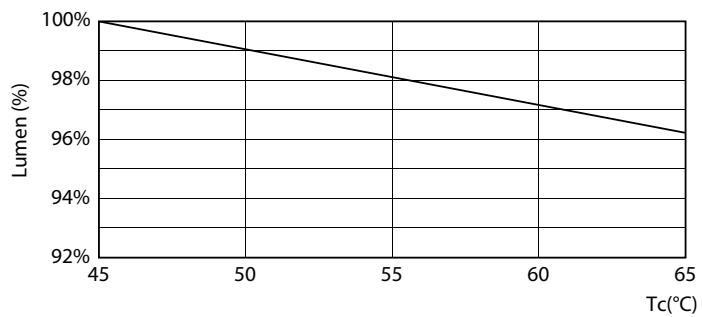
Calculus Parametric 4.3	Polys Lighting B.V.	Page 13
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LEDtube 9,9W G13 850

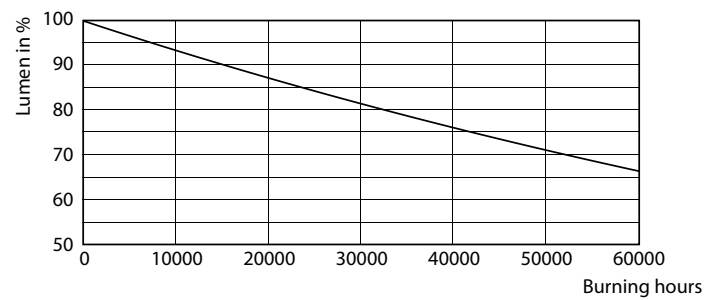
Lifetime



LEDtube 50K-LED



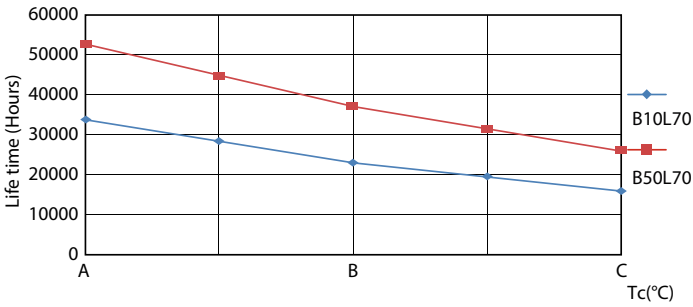
LEDtube 50K FailureRate-LED



LEDtube 9,9W G13 LumenVsTc

LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

