



# T8

## 12.5T8/COR/48-850/MF18/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]		45 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	Power Factor (Nom)	0.9
Technical Type	12.5-25-28-30-32W	Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [ CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1800 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	60 °C
Luminous Efficacy (rated) (Nom)	144.00 lm/W	Controls and Dimming	
Color Consistency	<5	Dimmable	No
Color Rendering Index (Nom)	82	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and Electrical		Bulb Material	Glass
Input Frequency	50 to 60 Hz	Product Length	48 in
Power (Rated) (Nom)	12.5 W		
Lamp Current (Max)	105 mA		

# T8

## Approval and Application

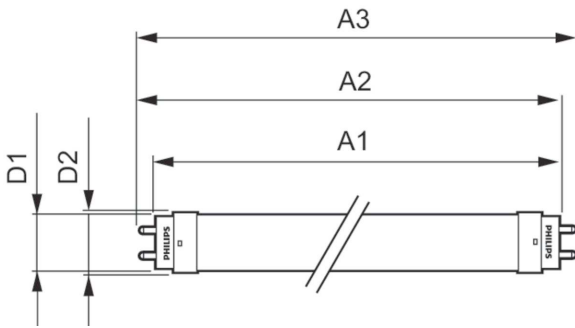
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

## Product Data

Order product name	12.5T8/COR/48-850/MF18/G 10/1
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EAN/UPC - Product	046677477349
Order code	477349
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002394704
Net Weight (Piece)	0.220 kg
Model Number	9290023947

## Dimensional drawing

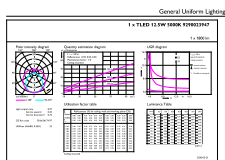


TLED T8 120-277V 12.5-32W 1800lm 5000K

## Product

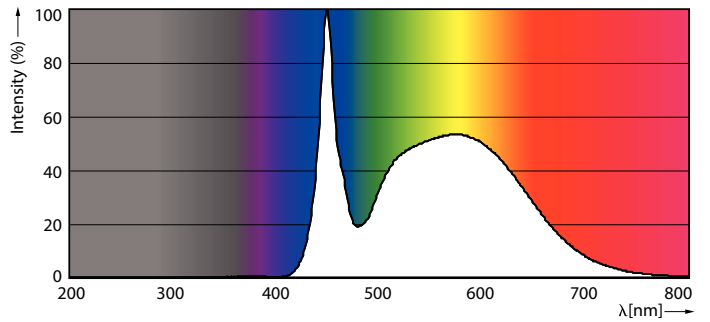
12.5T8/COR/48-850/MF18/G 10/1

## Photometric data



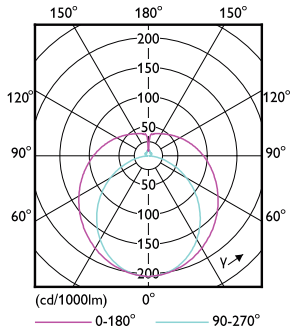
General Uniform Lighting  
1 x TLED 12.5W G13 1800lm 850  
Lamp Lighting  
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LEDtube 12,5W G13 1800lm 850



LEDtube G13 850 COR

Photometric data



LEDtube G13 COR

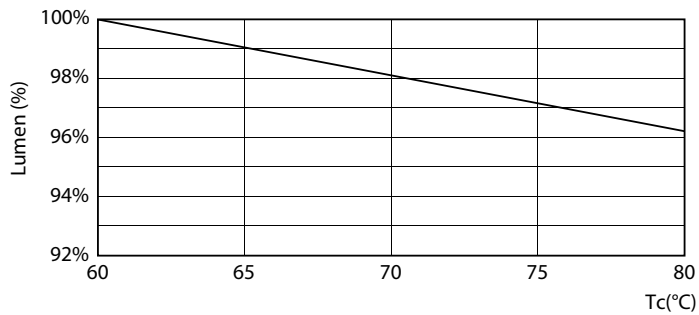
Lifetime



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 12,5W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

