



T8

12.5T8/COR/48-840/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	UL Type	Type B - bypass the ballast
Technical Type	12.5-25-28-30-32W	Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	841 [CCT of 4100K (841)]	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	Cool White (CW)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	60 °C
Luminous Efficacy (rated) (Nom)	144.00 lm/W		
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	82	Dimmable	No
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)	12.5 W	Bulb Material	Glass
Lamp Current (Max)	105 mA	Product Length	48 in

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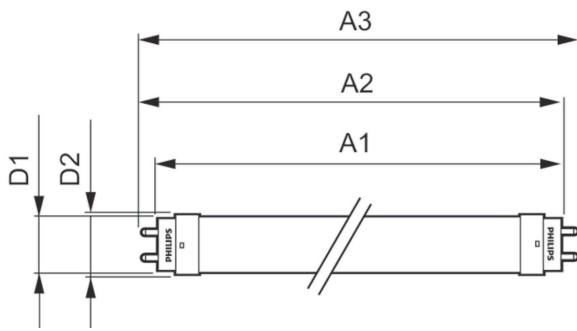
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	12.5T8/COR/48-840/MF18/G 10/1
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EAN/UPC - Product	046677477332
Order code	477331
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002394604
Net Weight (Piece)	0.220 kg
Model Number	9290023946

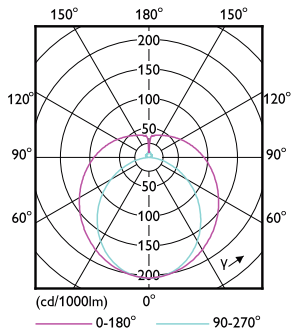
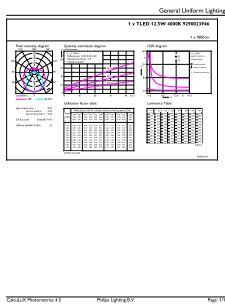
Dimensional drawing



TLED T8 120-277V 12.5-32W 1800lm 4000K

Product
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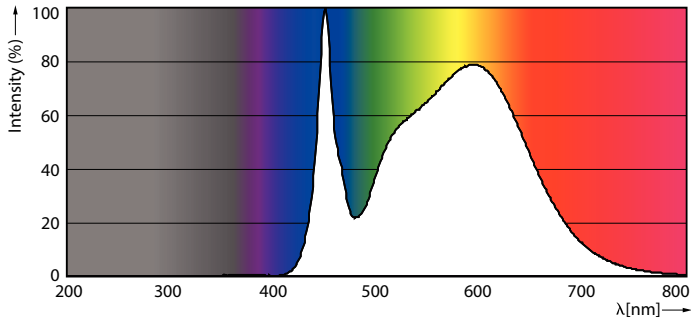
Photometric data



LEDtube 12,5W G13 1800lm 840

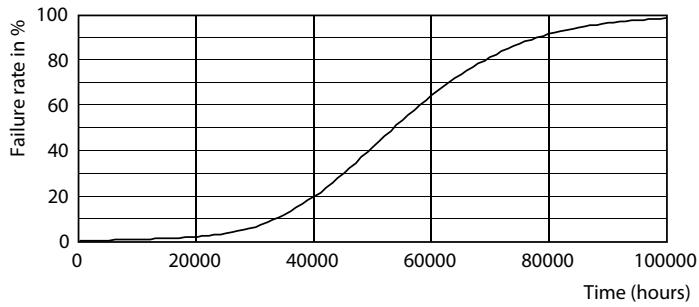
LEDtube G13 COR

Photometric data



LEDtube G13 840 COR

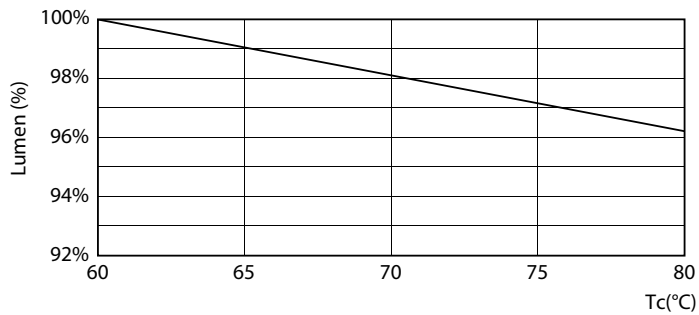
Lifetime



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 12,5W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

