



T8

14.5T8/COR/48-840/MF21/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]		58 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	14.5-32W	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)	2100 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)	70 °C
Luminous Efficacy (rated) (Nom)	144.00 lm/W		
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	Limited
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)	14.5 W	Bulb Material	Glass
Lamp Current (Max)	124 mA	Product Length	48 in

T8

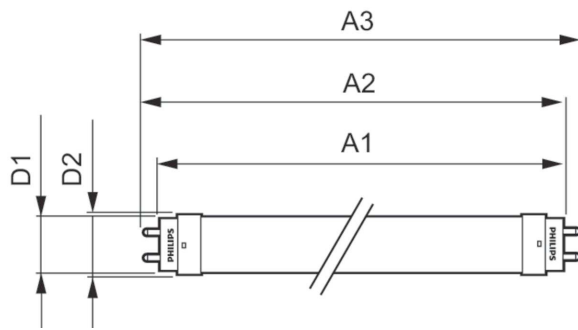
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	14.5T8/COR/48-840/MF21/G 10/1
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EAN/UPC - Product	046677563547
Order code	563544
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484604
Net Weight (Piece)	0.215 kg
Model Number	9290024846

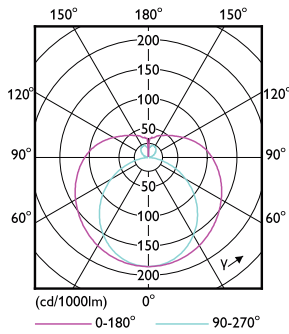
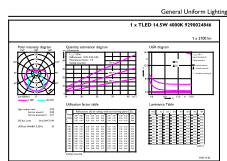
Dimensional drawing



TLED T8 120-277V 14.5-32W 2100lm 4000K

Product	D1	D2	A1	A2	A3
14.5T8/COR/48-840/ MF21/G 10/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

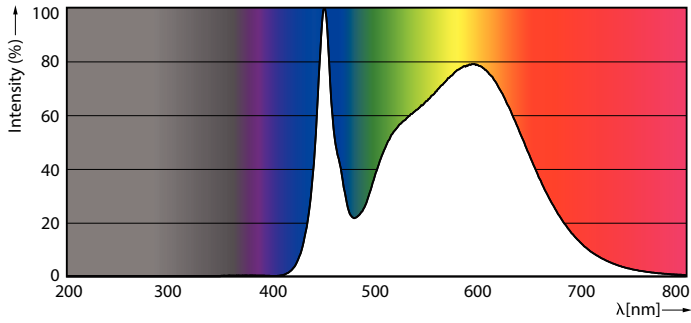
Photometric data



LEDtube COR 14,5W G13 2100lm 840

LEDtube COR 9,9W G13 1550lm

Photometric data



LEDtube COR 9,9W G13 1600lm 840

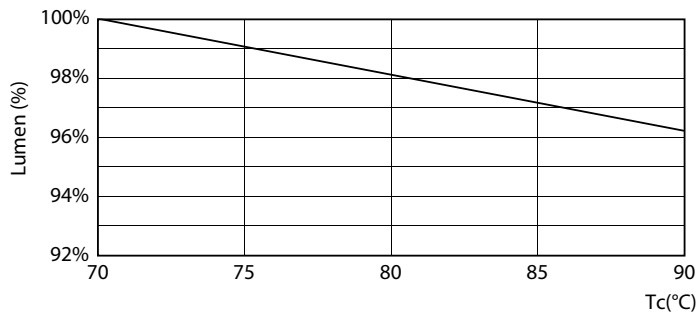
Lifetime



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube COR 9,9W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

