



T8

14.5T8/COR/48-835/MF20/G 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information		Power (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		14.5 W
EU RoHS compliant	Yes	Lamp Current (Max)	124 mA
Nominal Lifetime (Nom)	50000 h	Lamp Current (Min)	58 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
Technical Type	14.5-32W	Warm Up Time to 60% Light (Nom)	0.5 s
		UL Type	Type B - bypass the ballast
		Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	835 [CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	240 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2000 lm	T-Storage (Max)	65 °C
Color Designation	White (WH)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	137.00 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			
Input Frequency	50 to 60 Hz		

T8

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended

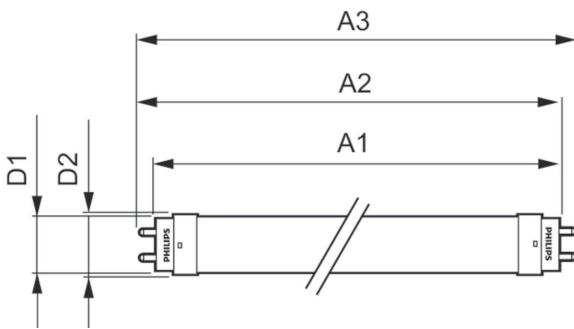
Approval and Application

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

Product Data

Order product name	14.5T8/COR/48-835/MF20/G 10/1
EAN/UPC - Product	046677563530
Order code	929002484504
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484504
Net Weight (Piece)	0.215 kg
Model Number	9290024845

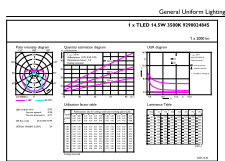
Dimensional drawing



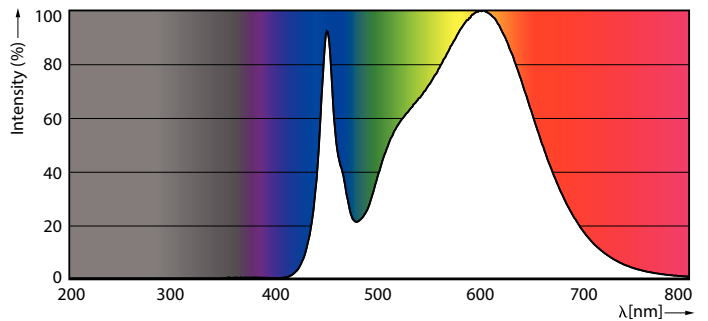
TLED T8 120-277V 14.5-32W 2000lm 3500K

Product	D1	D2	A1	A2	A3
14.5T8/COR/48-835/MF20/G 10/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data

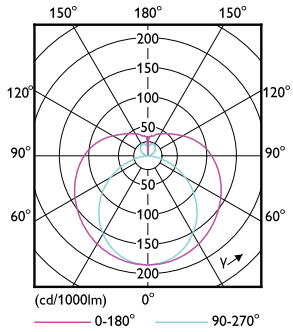


LEDtube COR 14,5W G13 2000lm 835



LEDtube COR 9,9W G13 1550lm 835

Photometric data



LEDtube COR 9,9W G13 1550lm

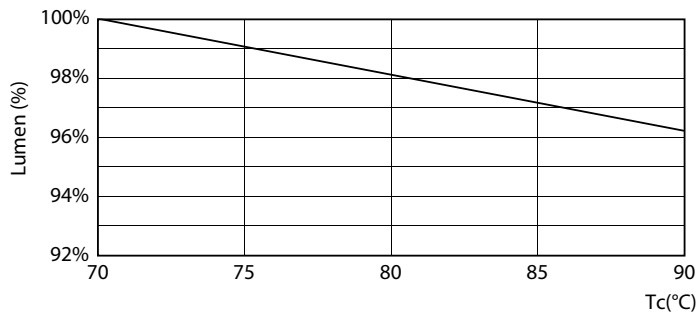
Lifetime



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube COR 9,9W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

