

# T8

## 12.5T8/COR/48-835/FF17/G/DIM 25/1

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 (Rated) (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		12.5 13 W
EU RoHS compliant	Yes	Lamp Current (Max)	110 mA
Nominal Lifetime (Nom)	50000 h	Lamp Current (Min)	45 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
Technical Type	12.5;13-32W	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		UL Type	Type A+B - works with or without a ballast
Color Code	835 [ CCT of 3500K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277 V
Luminous Flux (Nom)	1700 lm	Temperature	
Color Designation	White (WH)	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	3500 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	136.00 lm/W	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	82	T-Case Maximum (Nom)	60 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
Operating and Electrical		Dimmable	No
Input Frequency	50 to 60 Hz		

**Mechanical and Housing**

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

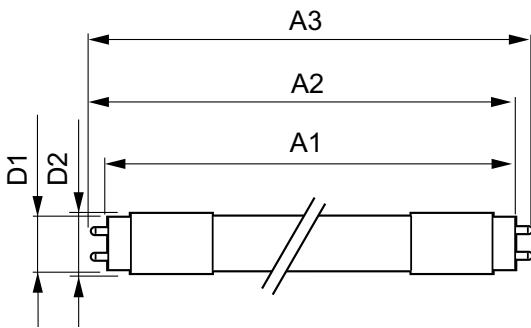
**Approval and Application**

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

**Product Data**

Order product name	12.5T8/COR/48-835/FF17/G/DIM 25/1
EAN/UPC - Product	046677560195
Order code	560193
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002402204
Net Weight (Piece)	0.180 kg

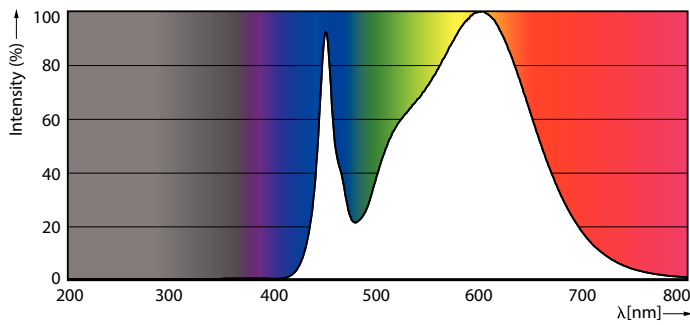
**Dimensional drawing**



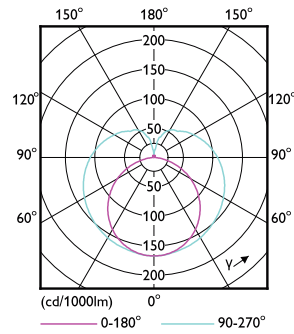
Type A+B corepro 1800lm 14W 3500k DLC

Product	D1	D2	A1	A2	A3
12.5T8/COR/48-835/ FF17/G/DIM 25/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

**Photometric data**

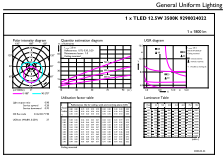


LEDtube COR 12,5W G13 1700lm 835



LEDtube COR 12,5W G13

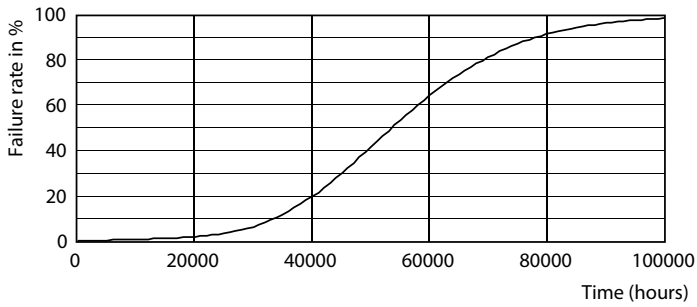
Photometric data



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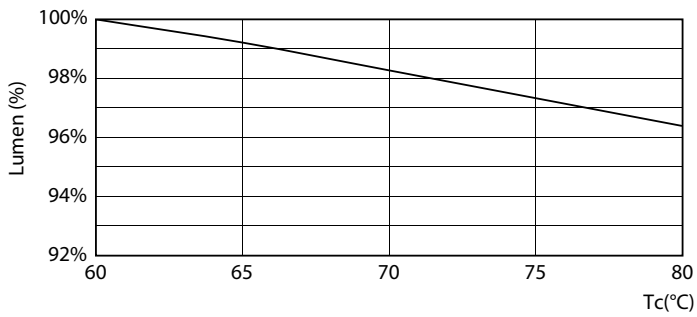
LEDtube COR 12,5W G13 1700lm 835

Lifetime



LEDtube 50K-LED

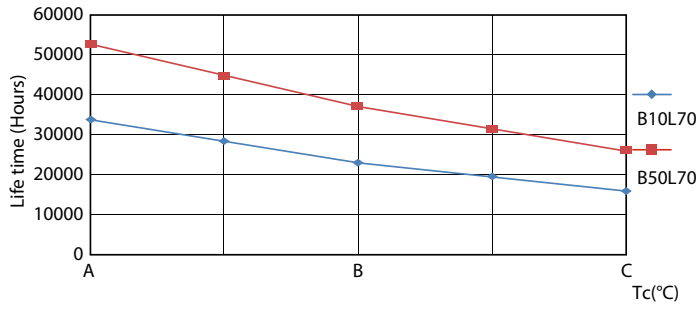
LEDtube 50K FailureRate-LED



LEDtube 12,5W 50K 1 LumenVsTc

LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

