

T8

12T8/COR/48-835/MF17/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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	12-32W
Light technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz

Power (Nom)	12 W
Lamp Current (Max)	102 mA
Lamp Current (Min)	48 mA
Starting Time (Nom)	0.5 s
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
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C
Controls and dimming	
Dimmable	Limited

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Mechanical and housing

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

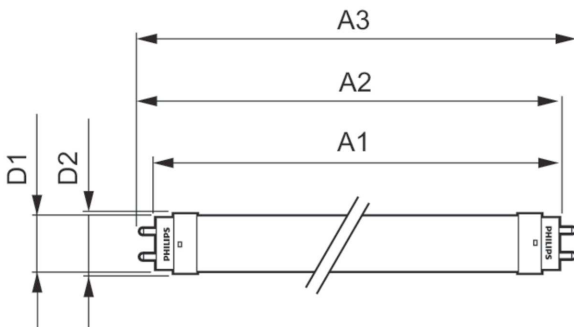
Approval and application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product data

Order product name	12T8/COR/48-835/MF17/G 10/1
EAN/UPC - Product	046677563493
Order code	929002484104
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484104
Net Weight (Piece)	0.215 kg
Model Number	9290024841

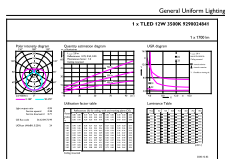
Dimensional drawing



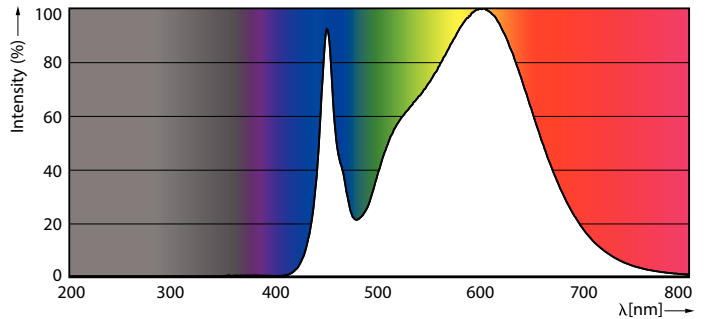
12T8/COR/48-835/MF17/G 10/1

Product	D1	D2	A1	A2	A3
12T8/COR/48-835/MF17/G 10/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data

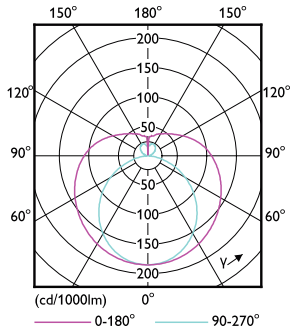


LEDtube COR 12W G13 1700lm 835



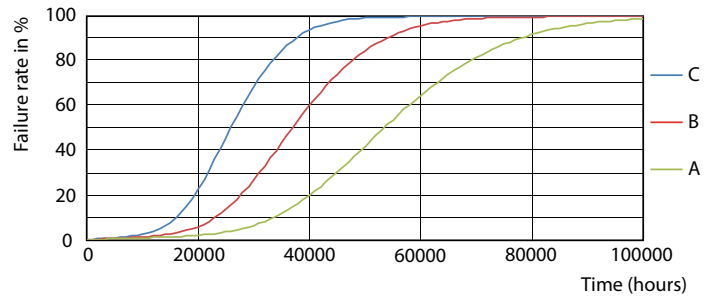
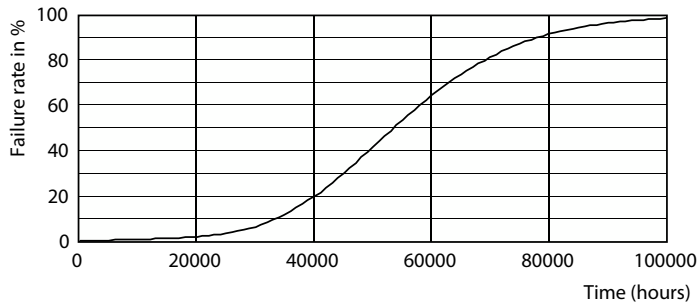
LEDtube COR 9,9W G13 1550lm 835

Photometric data

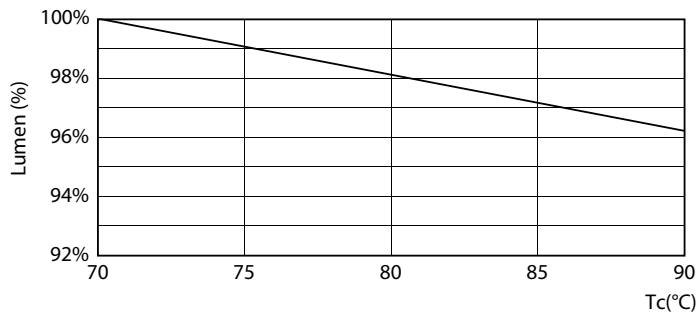


LEDtube COR 9,9W G13 1550lm

Lifetime

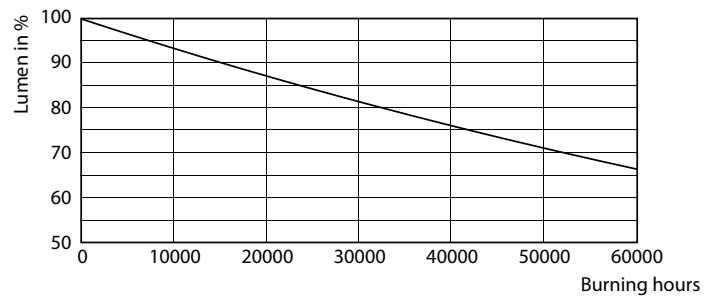


Life Expectancy Diagram



LEDtube COR 9,9W 50K LumenVsTc

LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

