

T8

12.5T8/COR/48-850/MF18/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	12.5-25-28-30-32W
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1800 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	<5
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz

Power (Nom)	12.5 W
Lamp Current (Max)	105 mA
Lamp Current (Min)	45 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)	60 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm

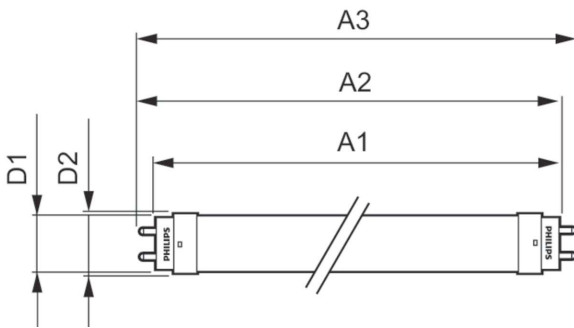
Approval and Application

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	12.5T8/COR/48-850/MF18/G 10/1
EAN/UPC - Product	046677477349
Order code	929002394704
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002394704
Net Weight (Piece)	0.220 kg

Dimensional drawing

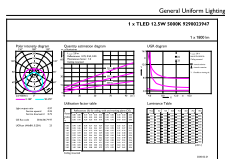


TLED T8 120-277V 12.5-32W 1800lm 5000K

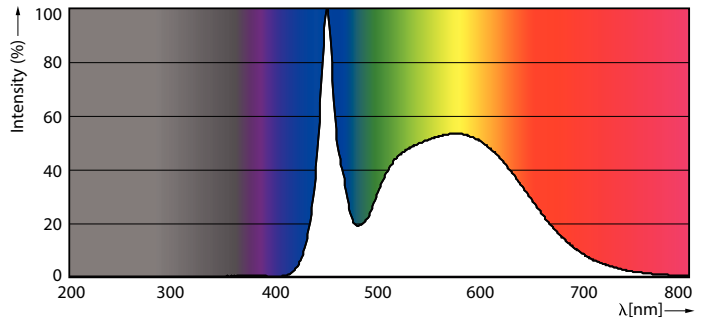
Product

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Photometric data

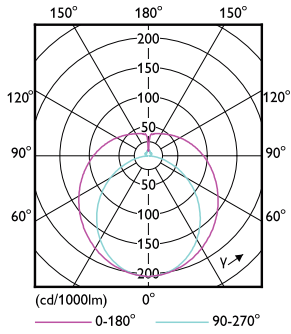


LEDtube 12,5W G13 1800lm 850



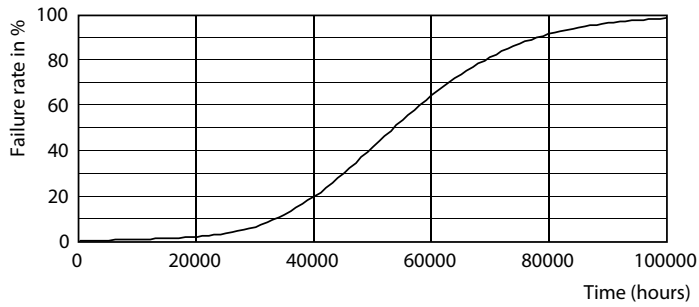
LEDtube G13 850 COR

Photometric data

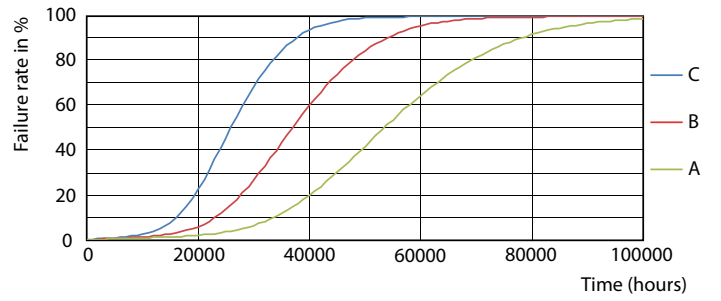


LEDtube G13 COR

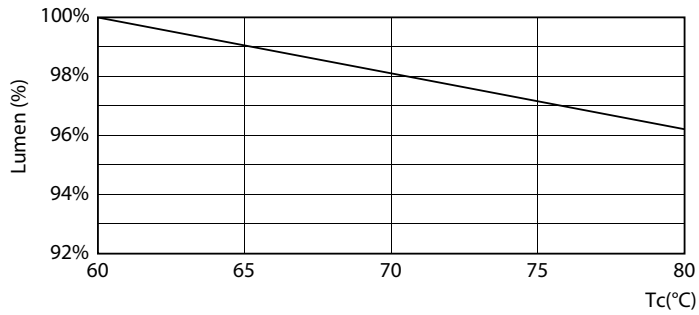
Lifetime



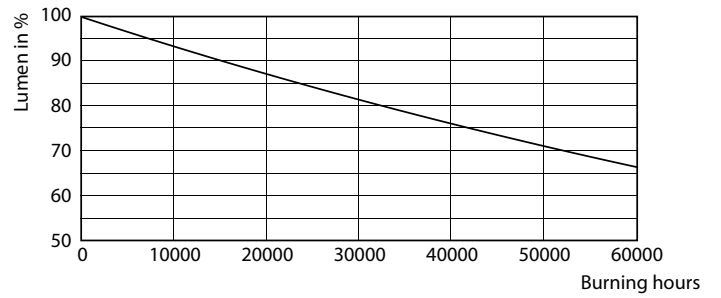
LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 12,5W 50K LumenVsTc



LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

