PHILIPS

Lighting

T8

9.9T8/COR/48-835/MF16/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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	9.9-32W

Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1600 lm
Luminous Flux (Rated) (Nom)	1600 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	161.00 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 (Rated) (Nom)	9.9 W
Lamp Current (Max)	100 mA
Lamp Current (Min)	43 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

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Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	48 in

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

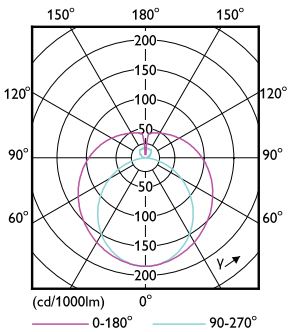
Product Data	
Order product name	9.9T8/COR/48-835/MF16/G 10/1
EAN/UPC - Product	046677557423
Order code	557421
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325904
Net Weight (Piece)	0.240 kg
Model Number	9290023259

Dimensional drawing

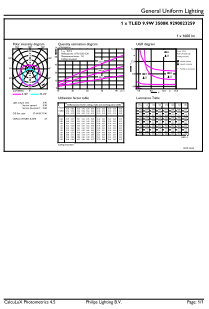
Product	D1	D2	A1	A2	A3
9.9T8/COR/48-835/MF16/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

TLED T8 120-277V 9.9-32W 1600lm 3500K

Photometric data

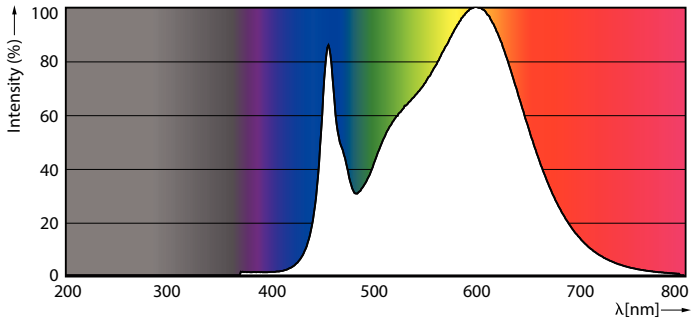


LEDtube 9,9W G13



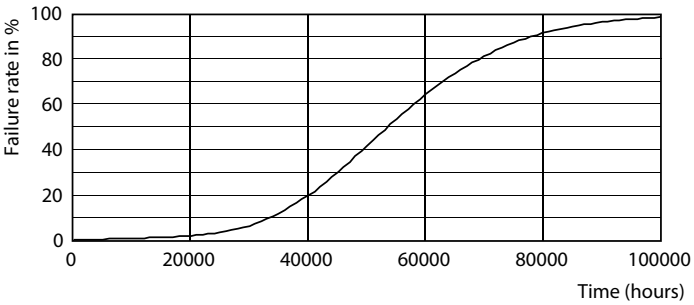
LEDtube 9,9W G13 835

Photometric data

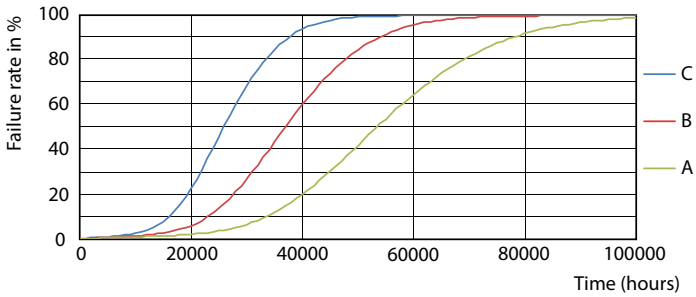


LEDtube 9,9W G13 835

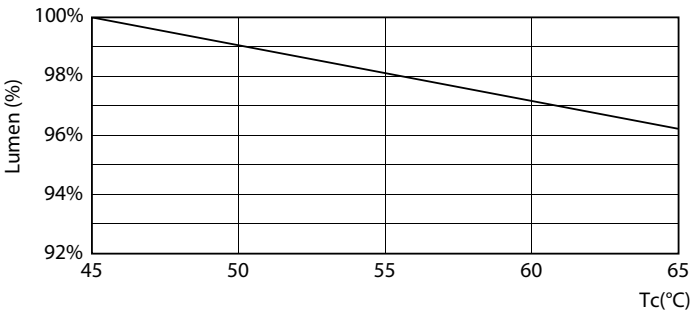
Lifetime



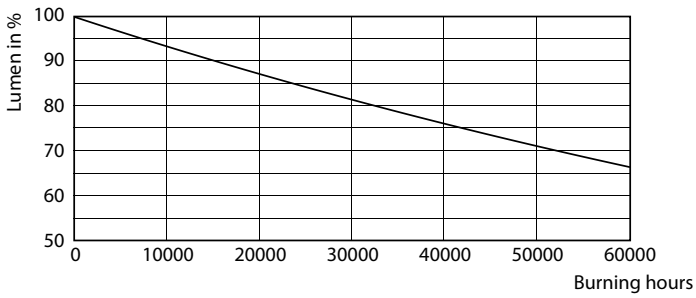
LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 9,9W G13 LumenVsTc



LEDtube 50K-LMP

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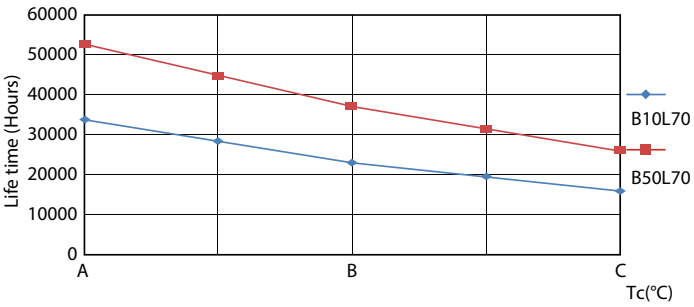
Lifetime



LEDtube 50K LifetimeVsTc-LED

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