PHILIPS

Lighting



T8

8.9T8/MAS/48-835/IF15/P/DIM 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)	70000 h
Switching Cycle	50000X
Technical Type	8.9-32W

Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	1500 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	168.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	20K to 120K Hz
Power (Nom)	8.9 W
Lamp Current (Max)	300 mA
Lamp Current (Min)	90 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 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)	50 °C

Controls and Dimming	
Dimmable	Yes

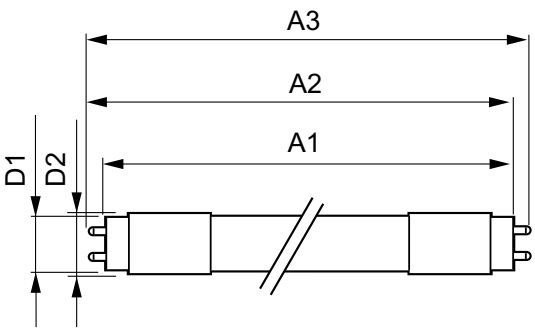
T8

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
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	8.9T8/MAS/48-835/IF15/P/DIM 10/1
EAN/UPC - Product	046677565596
Order code	929003025404
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003025404
Net Weight (Piece)	0.220 kg
Model Number	9290030254

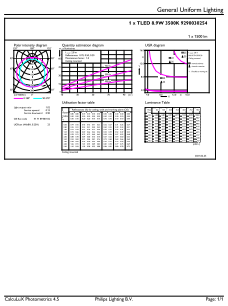
Dimensional drawing



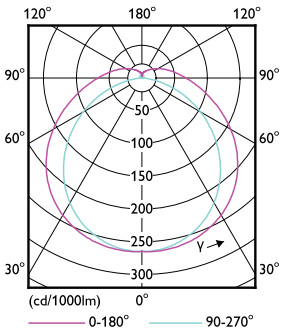
Product	D1	D2	A1	A2	A3
8.9T8/MAS/48-835/ IF15/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

TLED T8 HFV 8.9-32W 1500lm 3500K G13

Photometric data



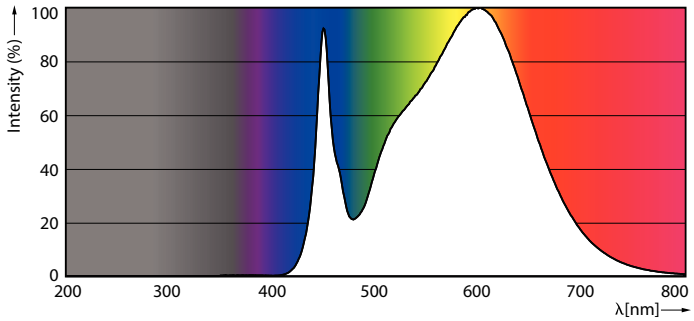
LEDtube MAS 8,9W G13 1500lm 835



LEDtube MAS 8,9W G13 1500lm

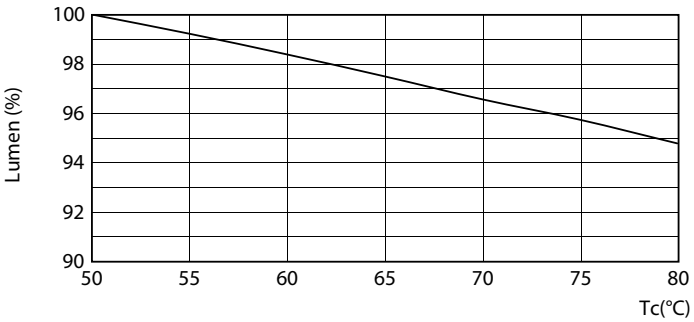
T8

Photometric data

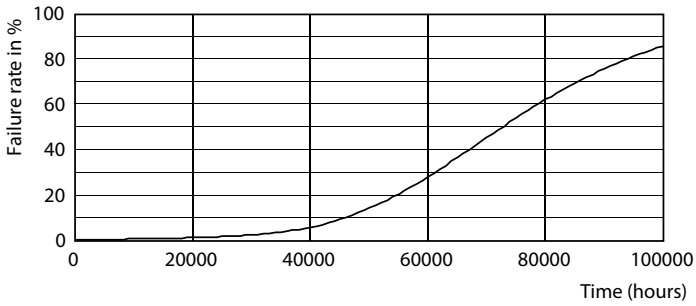


LEDtube MAS 8,9W G13 1500lm 835

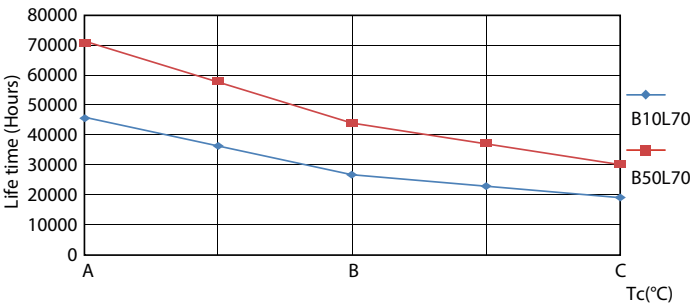
Lifetime



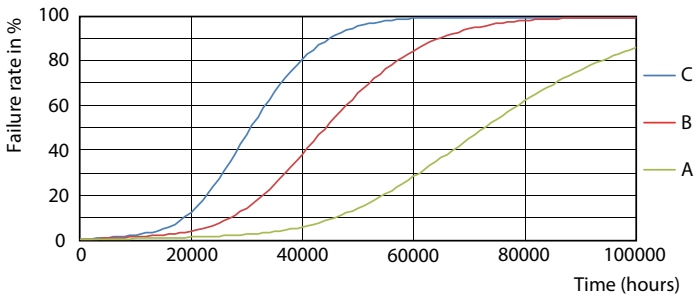
LEDtube MAS 8,9W 70K LumenVsTc



LEDtube_70K-LED



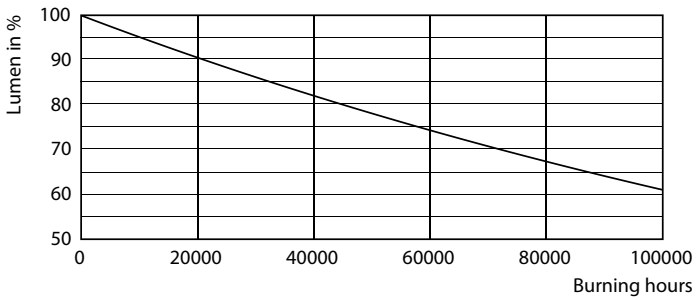
LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

T8

Lifetime



LEDtube_70K-LMP

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