



T8

16.9T8/MAS/48-835/MF25/P 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		Power (Rated) (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		16.9 W
EU RoHS compliant	Yes	Lamp Current (Max)	150 mA
Nominal Lifetime (Nom)	70000 h	Lamp Current (Min)	65 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
Technical Type	16.9-32W	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
Light Technical		Temperature	
Color Code	835 [CCT of 3500K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2400 lm	T-Storage (Max)	65 °C
Color Designation	White (WH)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	142.00 lm/W		
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	50 to 60 Hz		

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Mechanical and Housing

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

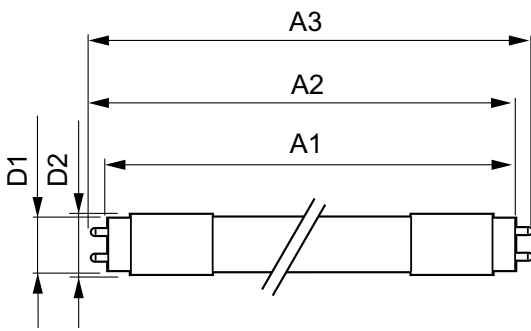
Approval and Application

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

Product Data

Order product name	16.9T8/MAS/48-835/MF25/P 10/1
EAN/UPC - Product	046677561727
Order code	561720
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002442404
Net Weight (Piece)	0.120 kg

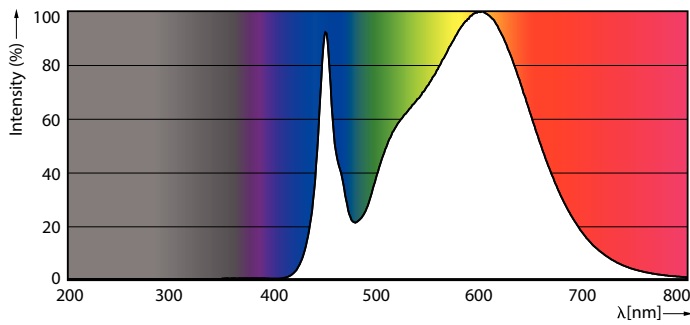
Dimensional drawing



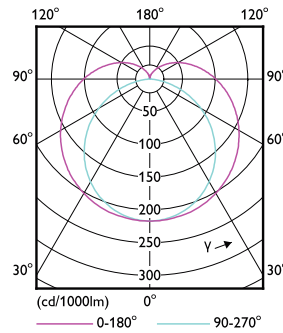
TLED T8 120-277V 16.9-32W 2500lm 3500K

Product	D1	D2	A1	A2	A3
16.9T8/MAS/48-835/MF25/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

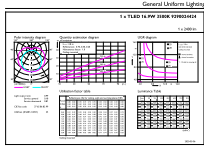


LEDtube 16,9W G13 2400lm 835



LEDtube 16,9W G13

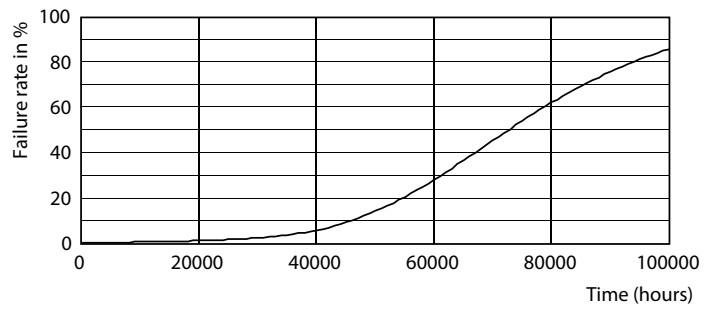
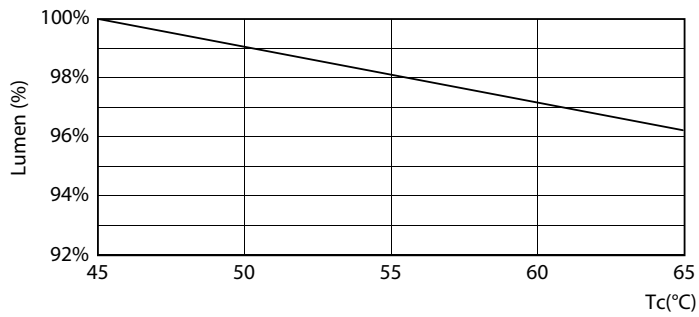
Photometric data



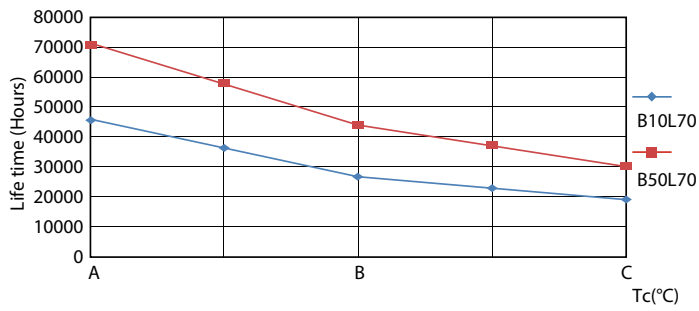
LED Tube Photometric Data

LEDtube 16,9W G13 2400lm 835

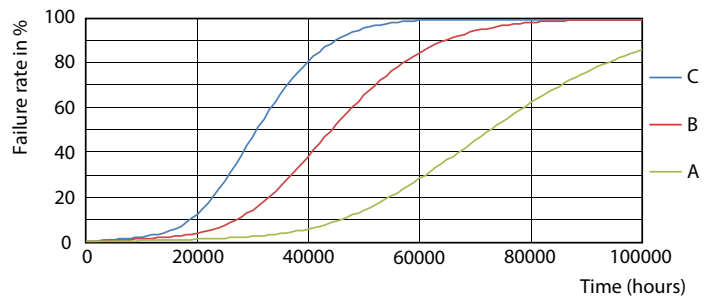
Lifetime



LEDtube 16,9W 70K LumenVsTc



LEDtube_70K-LED

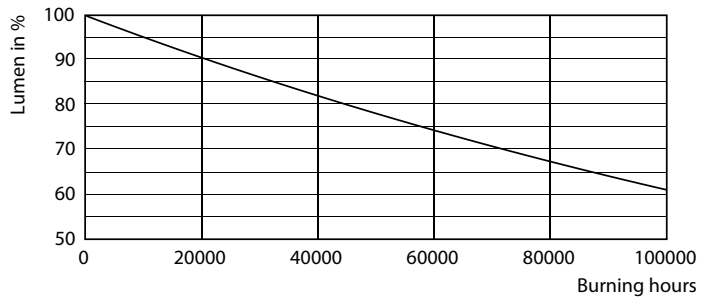


LEDtube_70K_LifetimeVsTc-LED

LEDtube_70K_FailureRate-LED

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Lifetime



LEDtube_70K-LMP

