



T8

15.5T8/MAS/48-850/IF25/P/DIM 25/1

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		Starting Time (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	UL Type	Type A - works on ballast
Switching Cycle	50000X	Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	55 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2500 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	50 °C
Luminous Efficacy (rated) (Nom)	161.00 lm/W		
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Bulb Material	Plastic
Power (Nom)	15.5 W	Product Length	1200 mm

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Approval and Application

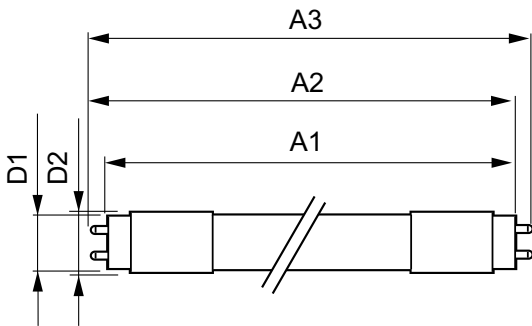
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	15.5T8/MAS/48-850/IF25/P/DIM 25/1
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EAN/UPC - Product	046677545208
Order code	929002016504
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002016504
Net Weight (Piece)	0.230 kg

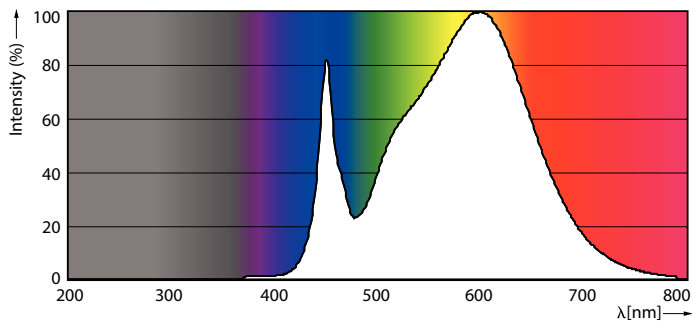
Dimensional drawing



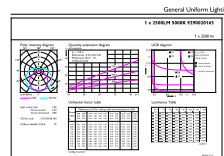
TLED 1200mmT8 120-277 15.5W 2500lm 5000K

Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-850/IF25/P/DIM 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data



LEDtube 15,5W G13 T8 850

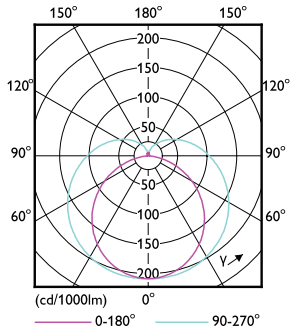


General Uniform Lighting
1 x 2500lm 5000K 1 x 2500lm
OSRAM Photometric 11 11000 Lighting 11 Page 11

LEDtube 15,5W G13 T8 850

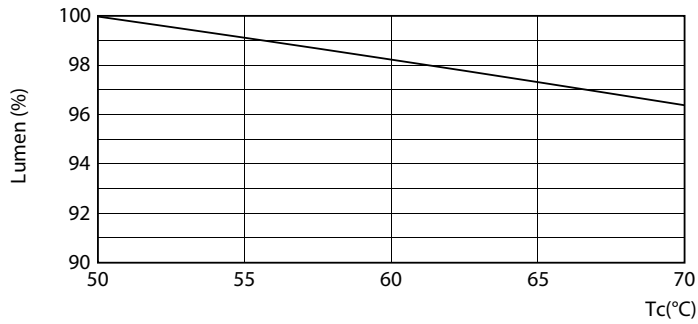
T8

Photometric data

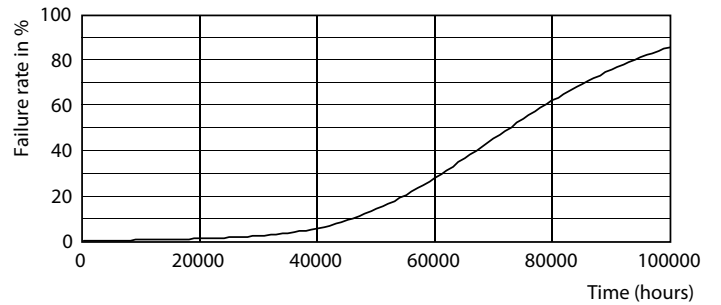


LEDtube 15,5W G13 T8

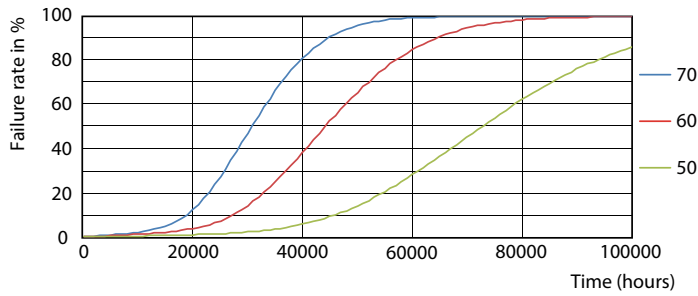
Lifetime



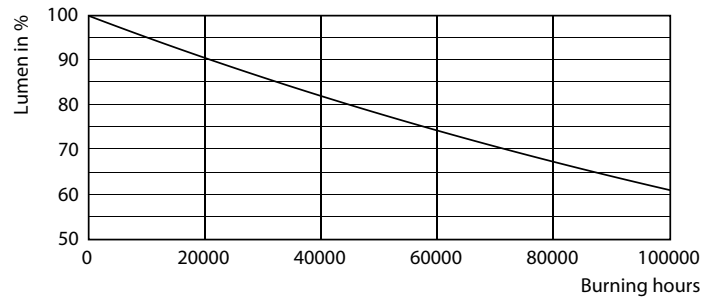
LEDtube 15,5W G13 T8 LumenVsTc



LEDtube 15,5W G13 T8



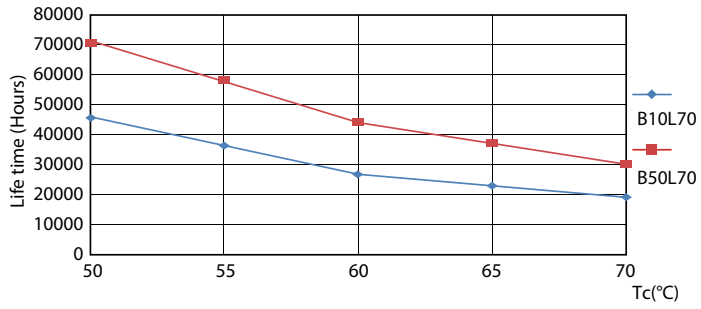
LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8

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Lifetime



LEDtube 15,5W G13 T8 LifetimeVsTc

