



T8

16.9T8/MAS/48-850/MF25/P 10/1

Philips MainsFit (UL Type B) MasterClass T8 LED tubes with industry leading reliability, shatter-prevention and lifetime. The UL Type B (Ballast Bypass) LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to MasterClass and realize 70,000 hour LED lifetime backed by a 7-year, full replacement limited warranty.

Product data

General Information		Lamp Current (Min)	
Base	G13 [Medium Bi-Pin Fluorescent]		65 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000X	UL Type	Type B - bypass the ballast
Technical Type	16.9-32W	Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Initial lumen (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)	70 °C
Luminous Efficacy (rated) (Nom)	147.00 lm/W		
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Mechanical and Housing	
Input Frequency	50 to 60 Hz	Bulb Material	Glass
Power (Rated) (Nom)	16.9 W	Product Length	48 in
Lamp Current (Max)	150 mA		

T8

Approval and Application

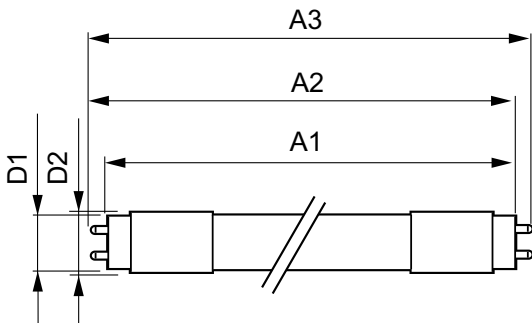
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate

Product Data

Order product name	16.9T8/MAS/48-850/MF25/P 10/1
EAN/UPC - Product	046677561734

Order code	561738
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002442504
Net Weight (Piece)	0.120 kg
Model Number	9290024425

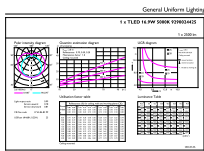
Dimensional drawing



TLED T8 120-277V 16.9-32W 2500lm 5000K

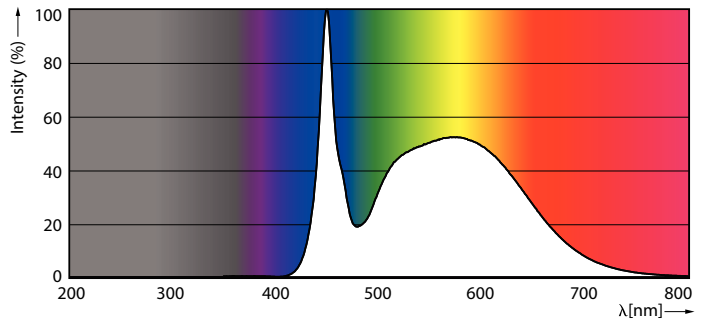
Product	D1	D2	A1	A2	A3
16.9T8/MAS/48-850/MF25/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

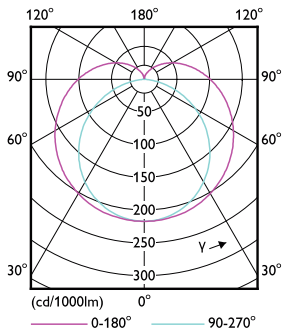


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LEDtube 16,9W G13 2500lm 850

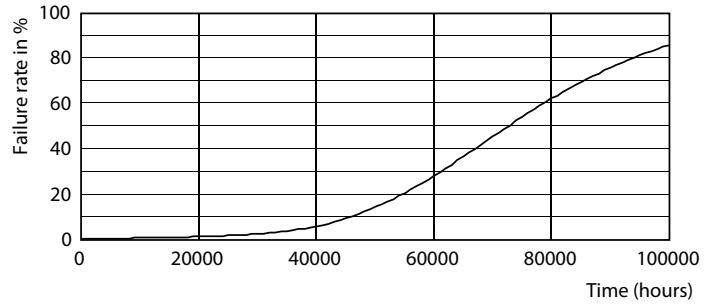
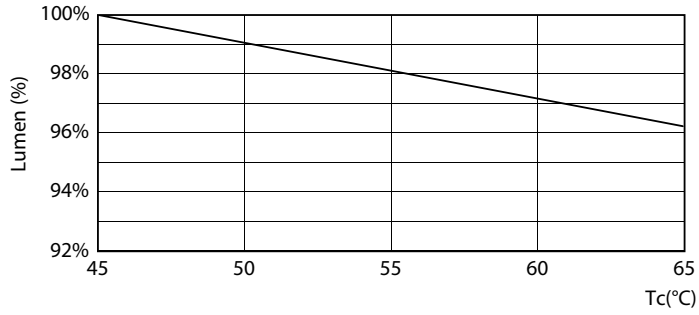


LEDtube 16,9W G13 2500lm 850



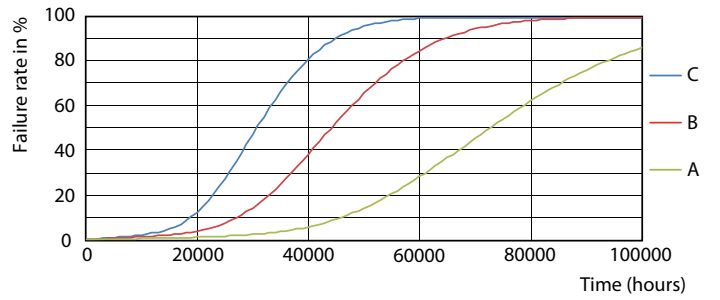
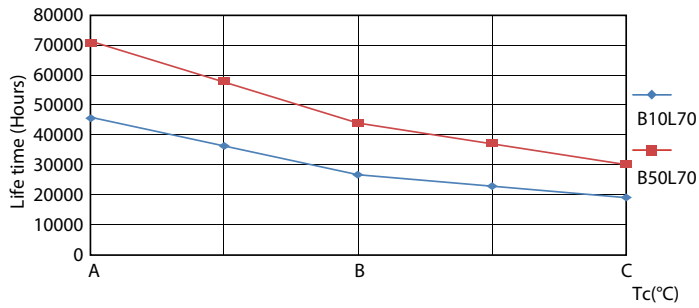
LEDtube 16,9W G13

Lifetime



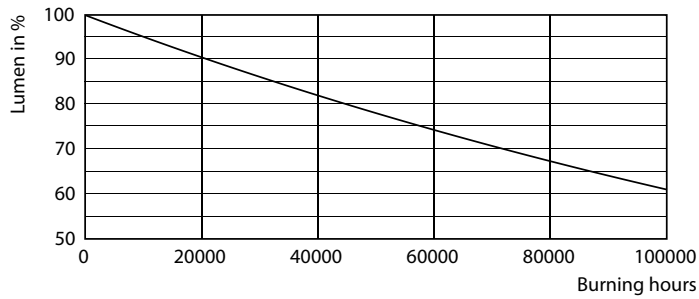
LEDtube 16,9W 70K LumenVsTc

LEDtube_70K-LED



LEDtube_70K_LifetimeVsTc-LED

LEDtube_70K_FailureRate-LED



LEDtube_70K-LMP

