



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 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.

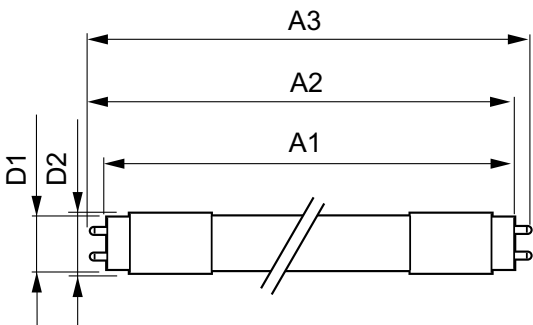
Product data

General Information		Starting Time (Nom)		0.5 s
Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)		0.5 s
EU RoHS compliant	Yes	UL Type		Type B - bypass the ballast
Nominal Lifetime (Nom)	70000 h	Power Factor (Nom)		0.9
Switching Cycle	50000X	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	Controls and Dimming		
Color Consistency	<5	Dimmable		Limited
Color Rendering Index (Nom)	80	Mechanical and Housing		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish		Frosted
Operating and Electrical		Bulb Material		Plastic
Input Frequency	50 to 60 Hz	Product Length		48 in
Power (Rated) (Nom)	16.9 W	Bulb Shape		Tube, double-ended
Lamp Current (Max)	150 mA			
Lamp Current (Min)	65 mA			

Approval and Application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Product Data	
Order product name	16.9T8/MAS/48-850/MF25/P 10/1
EAN/UPC - Product	046677575571

Order code	575571
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002442534
Net Weight (Piece)	0.120 kg
Model Number	9290024425

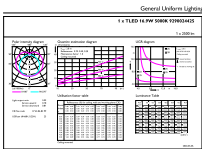
Dimensional drawing



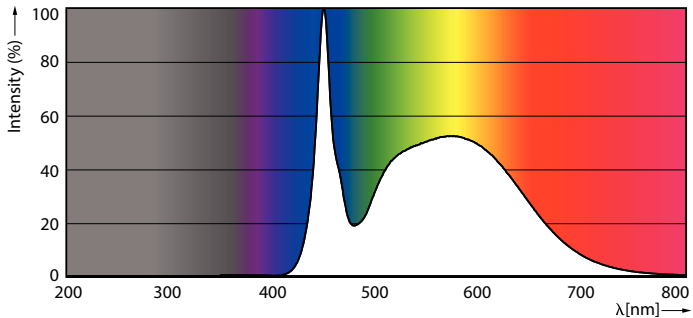
TLED T8 120-277V 16.9-32W 2500lm 5000K

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

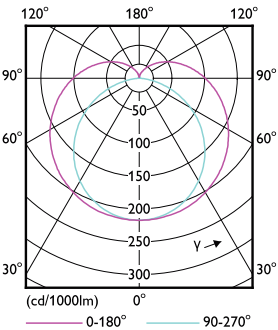


General Illuminance 1000 lux



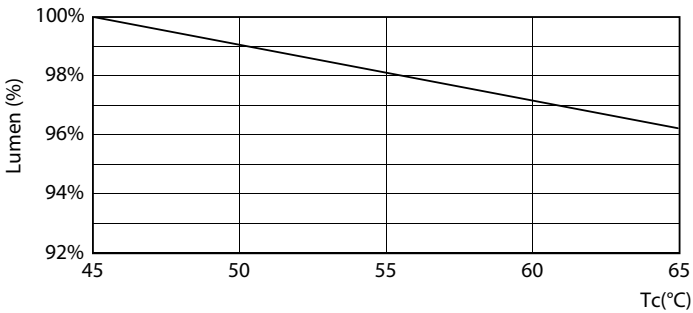
LEDtube 16,9W G13 2500lm 850

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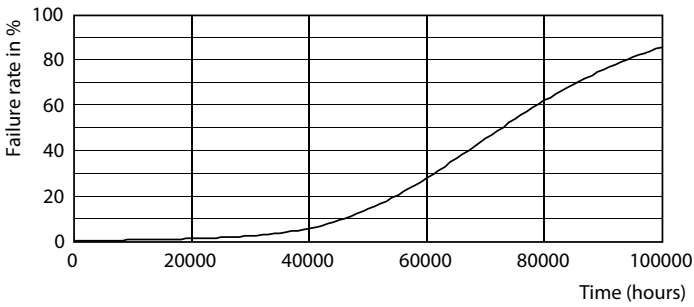


LEDtube 16,9W G13

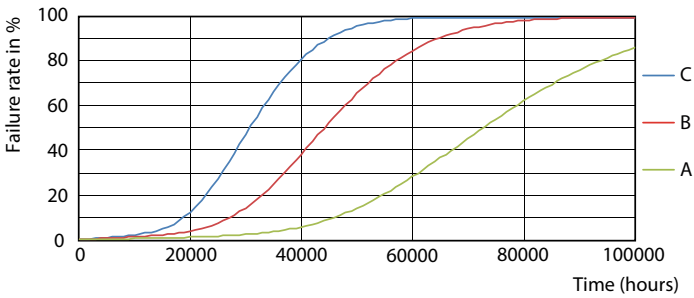
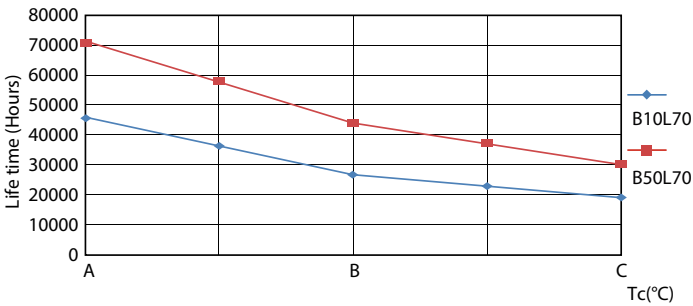
Lifetime



LEDtube 16,9W 70K LumenVsTc

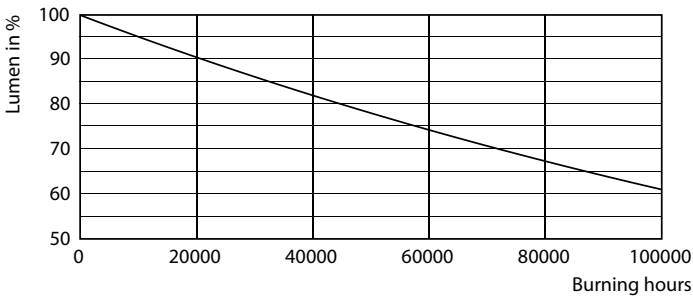


LEDtube_70K-LED



LEDtube_70K_LifetimeVsTc-LED

LEDtube_70K_FailureRate-LED



LEDtube_70K-LMP

