



T8

10.5T8/MAS/48-850/MF16/P 10/1

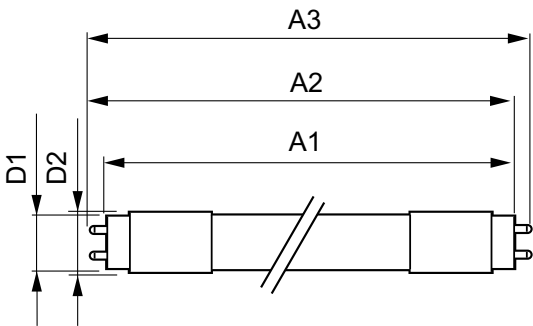
Introducing Philips MainsFit (UL Type B) MasterClass T8 LED tubes with industry leading reliability, shatter-prevention and lifetime. The UL Type B LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to MasterClass and realize 70,000 hour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

Product data

General Information		Lamp Current (Max)		100 mA
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	43 mA	
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s	
Nominal Lifetime (Nom)	70000 h	Warm Up Time to 60% Light (Nom)	0.7 s	
Switching Cycle	50000X	UL Type	Type B - bypass the ballast	
Technical Type	10.5-32W	Power Factor (Nom)	0.9	
Light Technical		Voltage (Nom)	120-277 V	
Color Code	850 [CCT of 5000K]	Temperature		
Beam Angle (Nom)	180 °	T-Ambient (Max)	45 °C	
Initial lumen (Nom)	1650 lm	T-Ambient (Min)	-20 °C	
Luminous Flux (Rated) (Nom)	1650 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)	157.00 lm/W	Controls and Dimming		
Color Consistency	<5	Dimmable	No	
Color Rendering Index (Nom)	80	Mechanical and Housing		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Length	48 in	
Operating and Electrical				
Input Frequency	50 to 60 Hz			
Power (Rated) (Nom)	10.5 W			

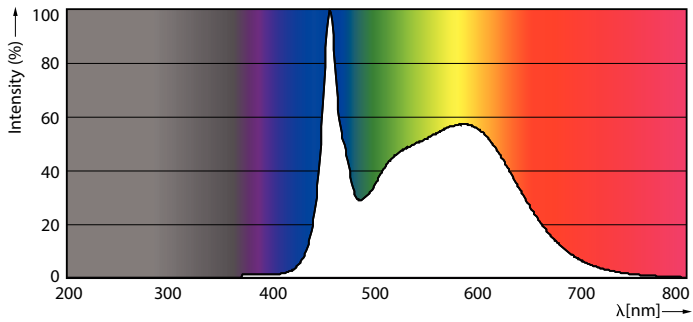
Approval and Application	
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	10.5T8/MAS/48-850/MF16/P 10/1

Dimensional drawing



TLED T8 120-277V 10.5-32W 1650lm 5000K

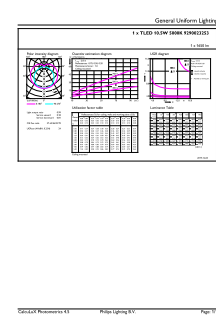
Photometric data



LEDtube_G13_850-POC

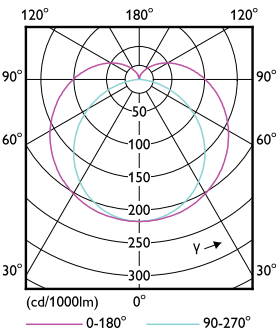
EAN/UPC - Product	046677557379
Order code	557371
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325304
Net Weight (Piece)	0.120 kg
Model Number	9290023253

Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-850/MF16/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm



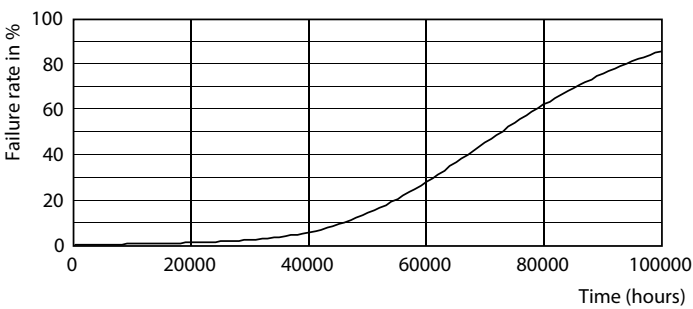
LEDtube_10.5W_G13_850-GUL

Photometric data

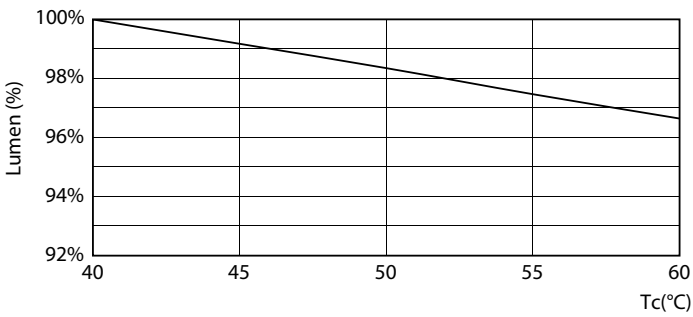


LEDtube_G13_1-LDD

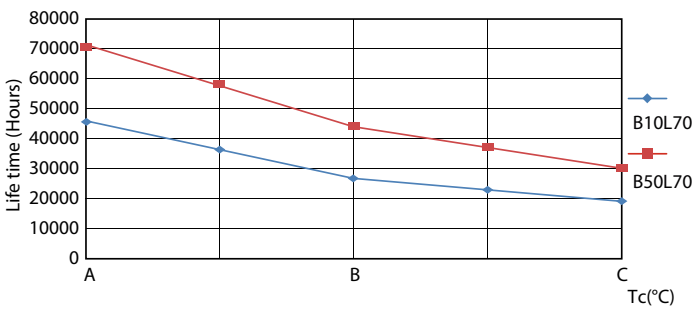
Lifetime



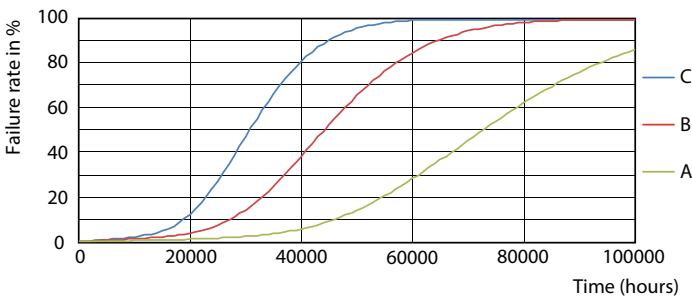
LEDtube_70K-LED



LEDtube_70K_LumenVsTc-LMP

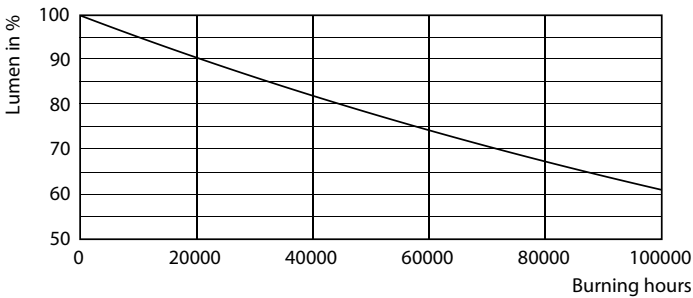


LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

Lifetime



LEDtube_70K-LMP

