



T8

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

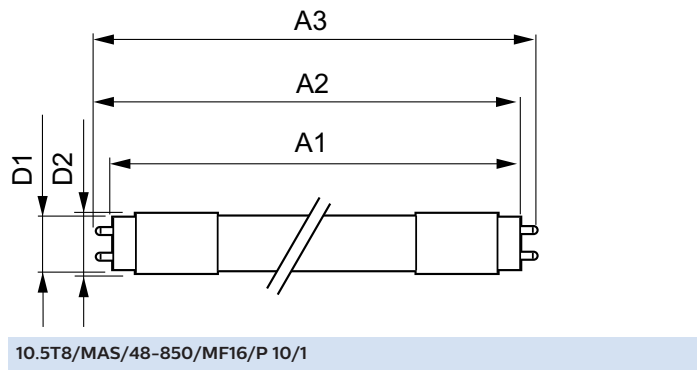
Philips MainsFit (UL Type B) MasterClass T8 LED tubes with industry leading reliability, shatter-prevention and lifetime. The UL Type B LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to MasterClass and realize 70,000 hour LED lifetime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

Product data

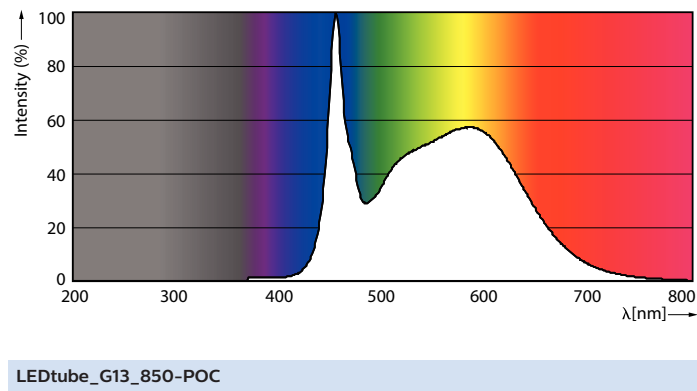
General information		Wattage Equivalent	
Base	G13 [Medium Bi-Pin Fluorescent]	32 W	
EU RoHS compliant	Yes	Starting Time (Nom)	
Nominal Lifetime (Nom)	70000 h	0.5 s	
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	
Light technical		0.5 s	
Color Code	850 [CCT of 5000K]	UL Type	
Beam Angle (Nom)	180 °	Type B - bypass the ballast	
Initial lumen (Nom)	1650 lm	Power Factor (Nom)	
Color Designation	Daylight	0.9	
Correlated Color Temperature (Nom)	5000 K	Voltage (Nom)	
Luminous Efficacy (rated) (Nom)	157.00 lm/W	120-277 V	
Color Consistency	<5	Temperature	
Color Rendering Index (Nom)	80	T-Ambient (Max)	
LLMF At End Of Nominal Lifetime (Nom)	70 %	113 °F	
Operating and electrical		T-Ambient (Min)	
Input Frequency	50 to 60 Hz	-4 °F	
Power (Rated) (Nom)	10.5 W	T-Storage (Max)	
Lamp Current (Max)	100 mA	149 °F	
Lamp Current (Min)	43 mA	T-Storage (Min)	
		-40 °F	
		T-Case Maximum (Nom)	
		158 °F	
		Controls and dimming	
		Dimmable	
		Limited	
		Mechanical and housing	
		Bulb Finish	
		Frosted	
		Bulb Material	
		Plastic	
		Product Length	
		48 in	

Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Product data	
Order product name	10.5T8/MAS/48-850/MF16/P 10/1

Dimensional drawing

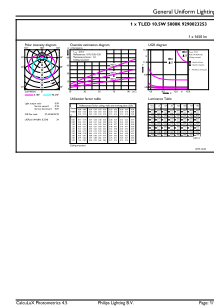


Photometric data

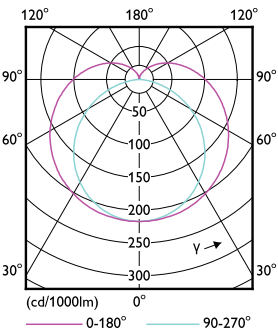


EAN/UPC - Product	046677575502
Order code	575506
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325334
Net Weight (Piece)	0.265 lb
Model Number	9290023253

Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-850/MF16/P 10/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

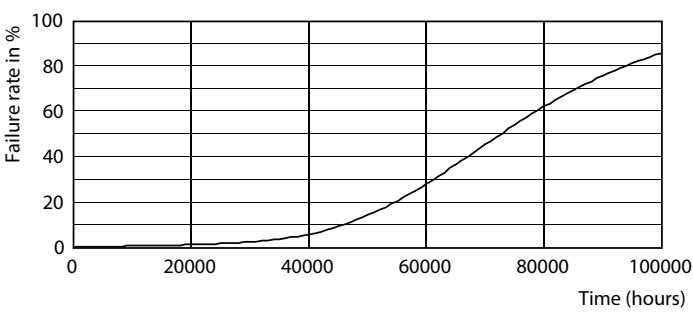


Photometric data

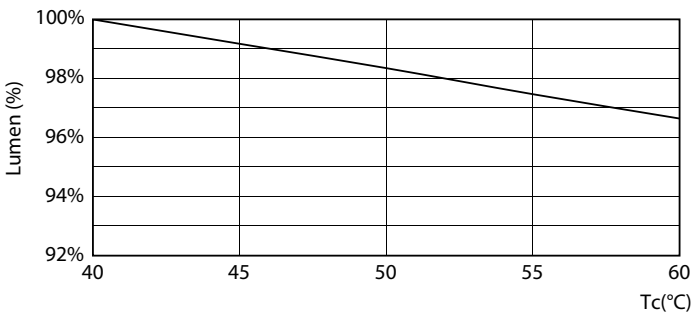


LEDtube_G13_1-LDD

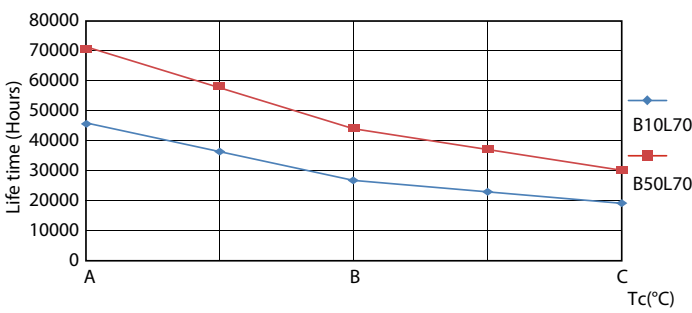
Lifetime



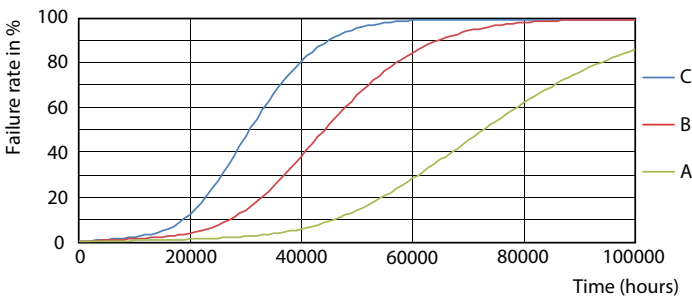
Life Expectancy Diagram



LEDtube_70K_LumenVsTc-LMP

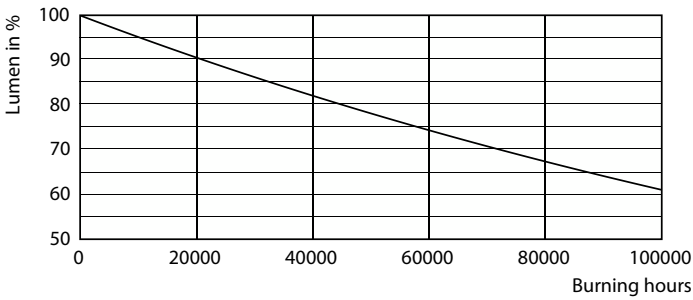


LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

Lifetime



Lumen Maintenance Diagram

