



T8

14.5T8/MAS/48-850/MF21/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.

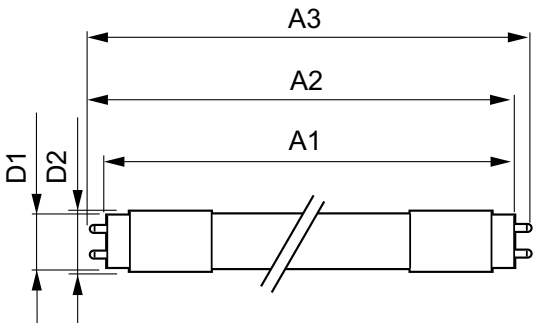
Product data

General information		Starting Time (Nom)	
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)	2100 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)	144.00 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)	14.5 W	Bulb Shape	Tube, double-ended
Lamp Current (Max)	125 mA		
Lamp Current (Min)	54 mA		

Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Product data	
Order product name	14.5T8/MAS/48-850/MF21/P 10/1
EAN/UPC - Product	046677575540

Order code	575548
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325734
Net Weight (Piece)	0.120 kg
Model Number	9290023257

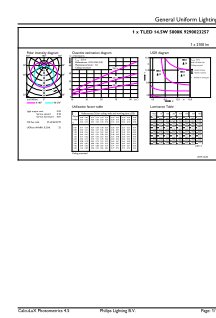
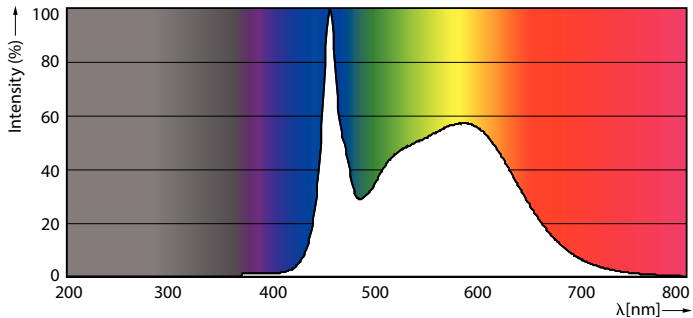
Dimensional drawing



14.5T8/MAS/48-850/MF21/P 10/1

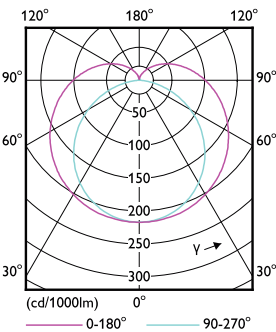
Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-850/MF21/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



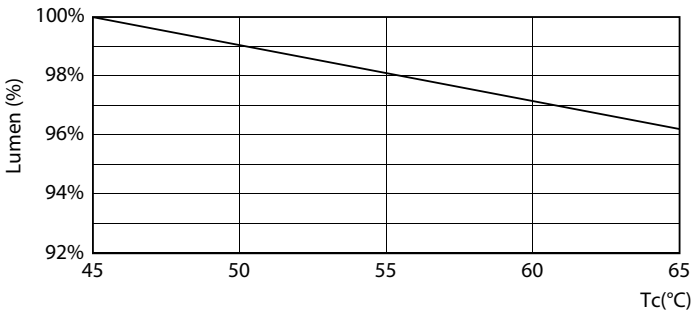
LEDtube_G13_850-POC

LEDtube_14.5W_G13_850-GUL

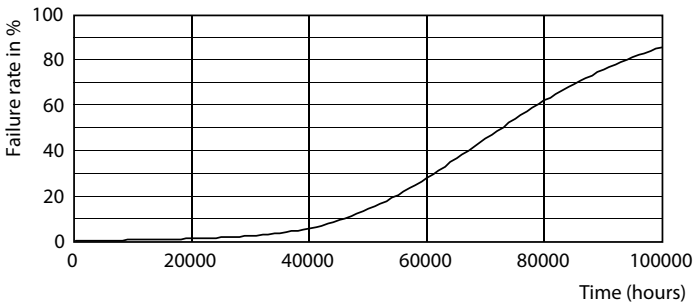


LEDtube_G13_1-LDD

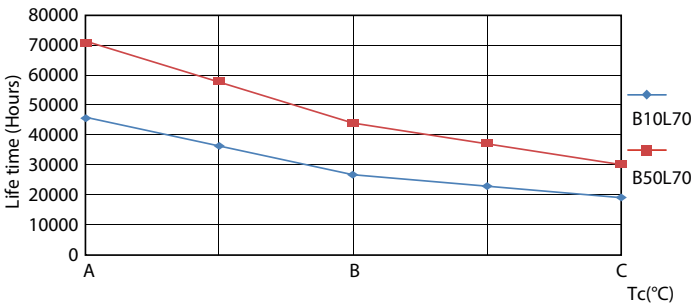
Lifetime



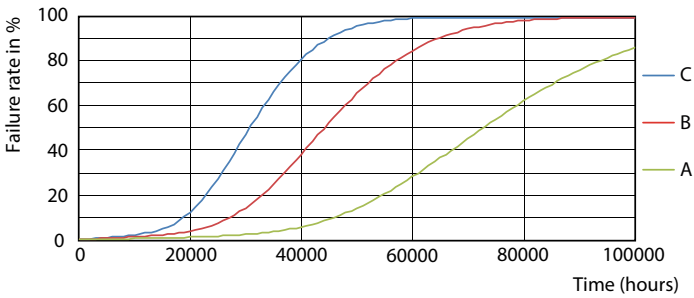
LEDtube_70K_1_LumenVsTc-LMP



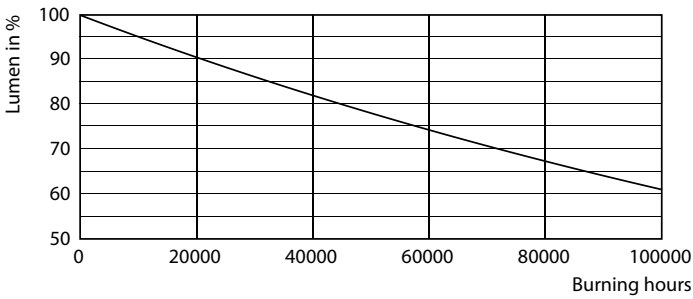
LEDtube_70K-LED



LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED



LEDtube_70K-LMP

