



T8

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

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

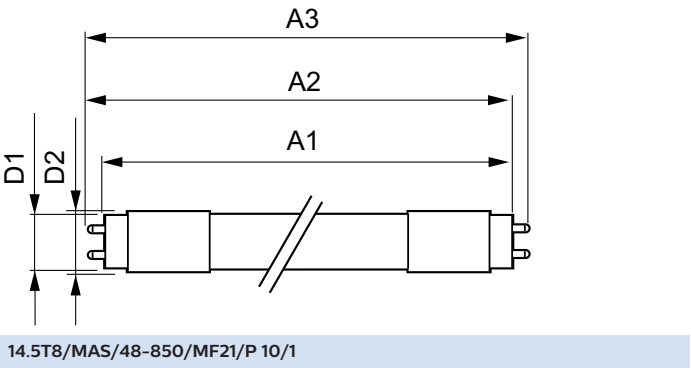
Product data

General information		Power (Nom) 14.5 W	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	125 mA
EU RoHS compliant	Yes	Lamp Current (Min)	54 mA
Nominal Lifetime (Nom)	70000 h	Wattage Equivalent	32 W
Switching Cycle	50000	Starting Time (Nom)	0.5 s
Tier	MasterClass	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	Type B - bypass the ballast
Color Code	850 [CCT of 5000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	180 °	Voltage (Nom)	120-277 V
Luminous Flux (Nom)	2100 lm	Temperature	
Color Designation	Daylight	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	5000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	144.00 lm/W	T-Storage (Range)	-40 °C to 65 °C
Color Consistency	<5	T-Storage (Max)	65 °C
Color Rendering Index (Nom)	80	T-Storage (Min)	-40 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Case Maximum (Nom)	70 °C
Operating and electrical			
Input Frequency	50 to 60 Hz		

Controls and dimming	
Dimmable	Limited
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1200 mm
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

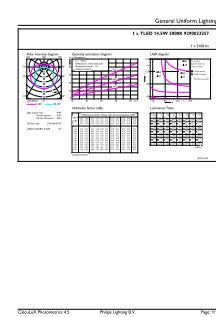
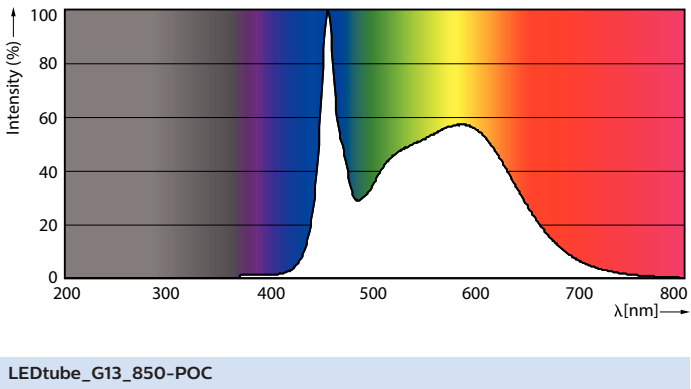
Application conditions	
Ambient temperature range	-20 °C to 45 °C
Product data	
Order product name	14.5T8/MAS/48-850/MF21/P 10/1
EAN/UPC - Product	046677575540
Order code	929002325734
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325734
Net Weight (Piece)	0.120 kg
Model Number	9290023257

Dimensional drawing

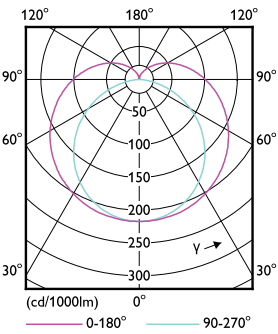


Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-850/MF21/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data

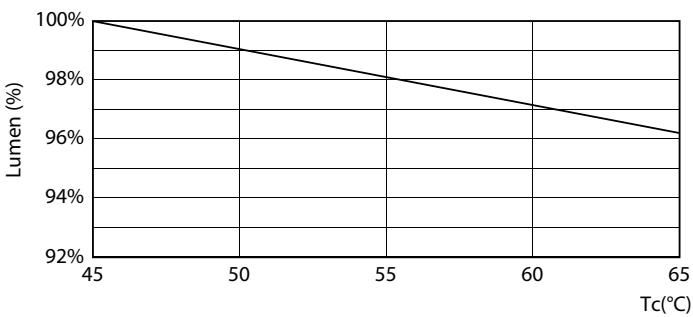


Photometric data

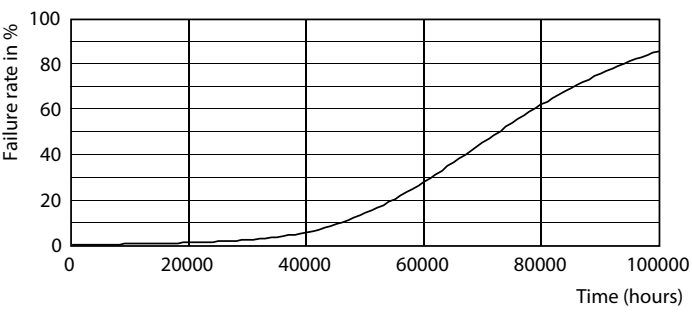


LEDtube_G13_1-LDD

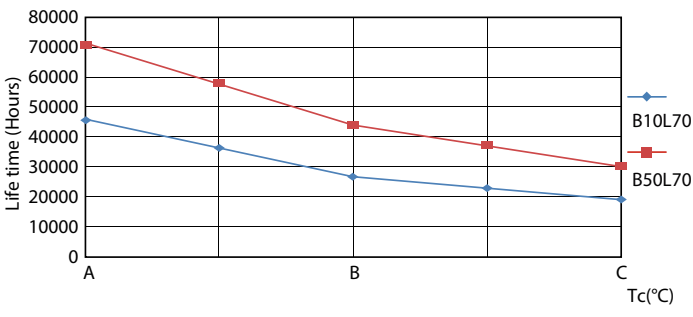
Lifetime



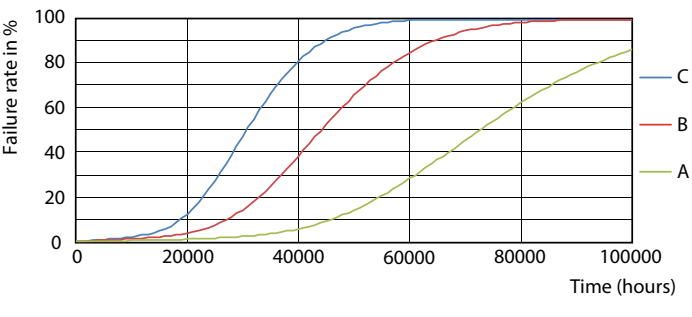
LEDtube_70K_1_LumenVsTc-LMP



Life Expectancy Diagram

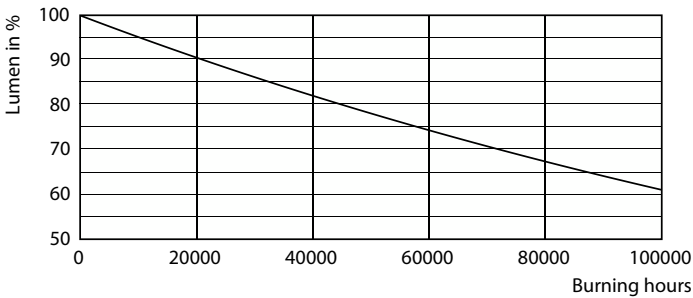


LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

Lifetime



Lumen Maintenance Diagram

