



T8

14.5T8/MAS/48-835/MF20/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

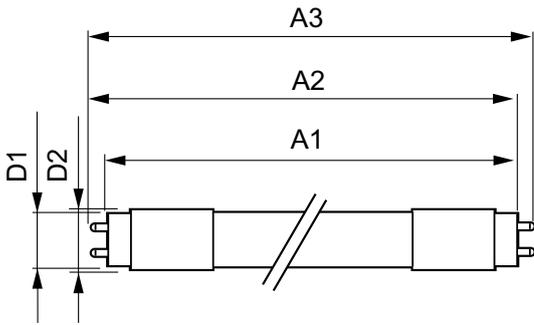
General information		Wattage Equivalent	
Base	G13 [Medium Bi-Pin Fluorescent]		32 W
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000	UL Type	Type B - bypass the ballast
		Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light technical		Temperature	
Color Code	835 [CCT of 3500K]	T-Ambient (Max)	113 °F
Beam Angle (Nom)	180 °	T-Ambient (Min)	-4 °F
Initial lumen (Nom)	2000 lm	T-Storage (Max)	149 °F
Color Designation	White (WH)	T-Storage (Min)	-40 °F
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	158 °F
Luminous Efficacy (rated) (Nom)	137.00 lm/W		
Color Consistency	<6	Controls and dimming	
Color Rendering Index (Nom)	80	Dimmable	Limited
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical		Mechanical and housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted
Power (Rated) (Nom)	14.5 W	Bulb Material	Plastic
Lamp Current (Max)	125 mA	Product Length	48 in
Lamp Current (Min)	54 mA		

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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	14.5T8/MAS/48-835/MF20/P 10/1

EAN/UPC - Product	046677575526
Order code	575522
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325534
Net Weight (Piece)	0.265 lb
Model Number	9290023255

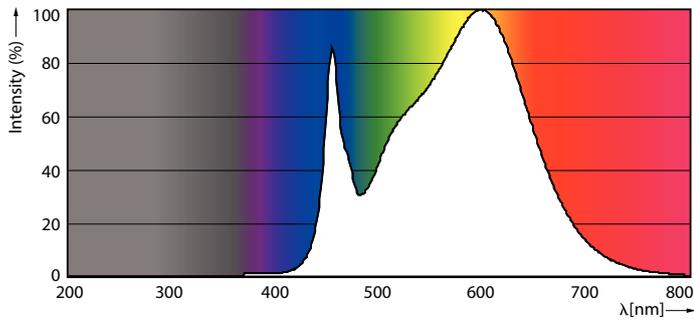
Dimensional drawing



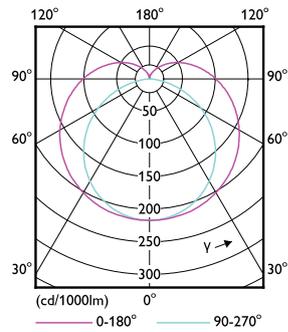
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Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-835/MF20/P	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in
					10/1

Photometric data

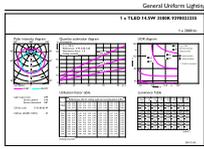


LEDtube_G13_835-POC



LEDtube_G13_1-LDD

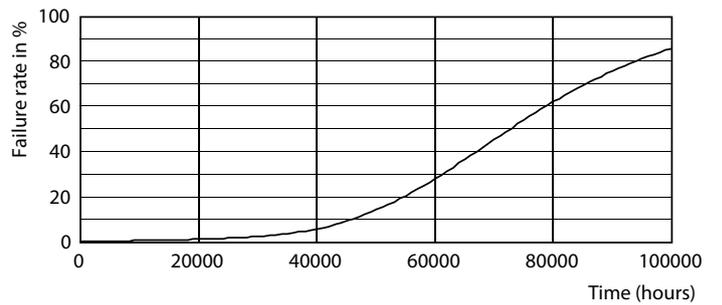
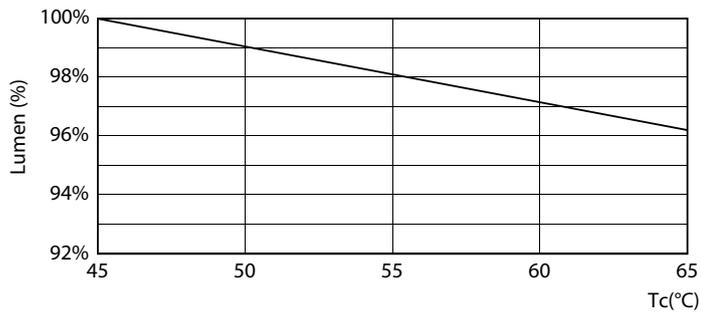
Photometric data



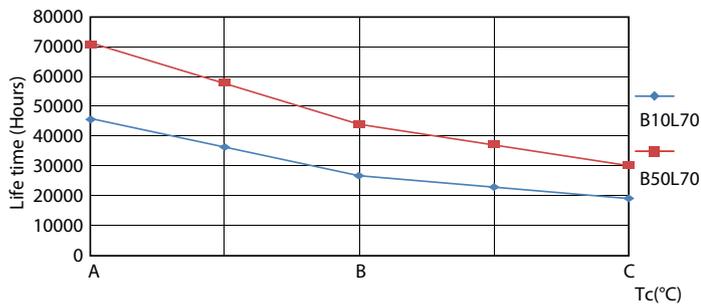
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LEDtube_14.5W_G13_835-GUL

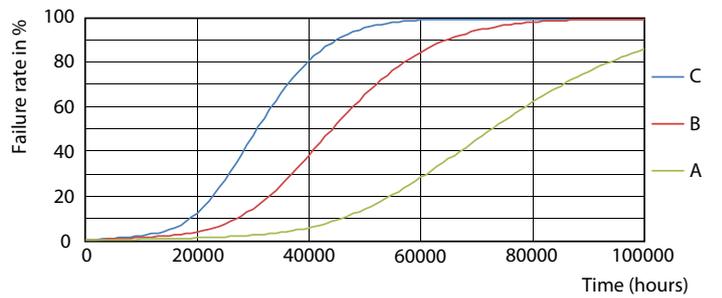
Lifetime



LEDtube_70K_1_LumenVsTc-LMP



Life Expectancy Diagram

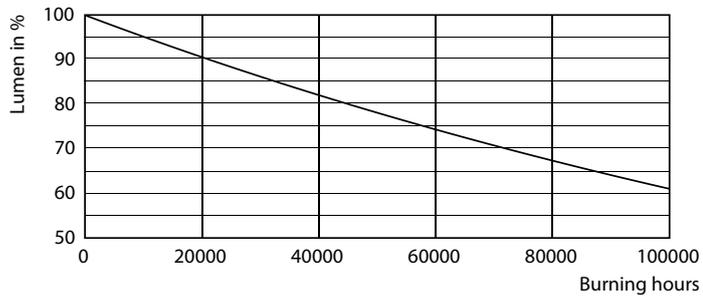


LEDtube_70K_LifetimeVsTc-LED

LEDtube_70K_FailureRate-LED

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Lifetime



Lumen Maintenance Diagram

