



MasterClass MainsFit (UL Type-B) T8

10.5T8/MAS/48-835/MF16/P/DIM 25/1

MasterClass, LEDtube, T8, 47-1/4 inch, 10.5 W, 3500 K, 1600 lm, 70000 hour(s)

MasterClass, LEDtube, T8, 47-1/4 inch, 10.5 W, 3500 K, 1600 lm, 70000 hour(s), 152 lm/W, G13, Plastic

Product data

General Information			
Cap-Base	G13	Input Frequency	50 to 60 Hz
Nominal lifetime	70,000 hour(s)	Power Consumption	10.5 W
Switching Cycle	50,000	Lamp Current (Max)	90 mA
Lighting Technology	LEDtube	Lamp Current (Min)	42 mA
		Wattage Equivalent	32 W
		Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	835 [CCT of 3500K]	Power Factor (Fraction)	0.9
Beam Angle (Nom)	180 degree(s)	Voltage (Nom)	120-277 V
Luminous Flux	1,600 lm	UL Type	UL Type B
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3500 K	Temperature	
Luminous Efficacy (rated) (Nom)	152 lm/W	T-Case Maximum (Nom)	158 °F
Color Consistency	6SCDM		
Color rendering index (CRI)	80	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	Only with specific dimmers
Operating and Electrical			
Line Frequency	50 to 60 Hz	Mechanical and Housing	
		Bulb Finish	Frosted

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Bulb Material	Plastic
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.463 lb

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions

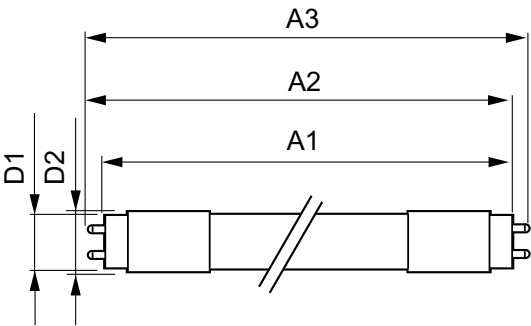
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

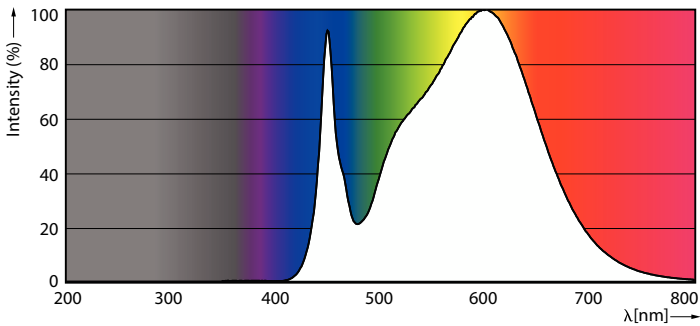
Order product name	10.5T8/MAS/48-835/MF16/P/DIM 25/1
Full product name	10.5T8/MAS/48-835/MF16/P/DIM 25/1
Order code	579441
Material Nr. (12NC)	929003525104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579449
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677579444

Dimensional drawing



Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-835/MF16/P/DIM 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

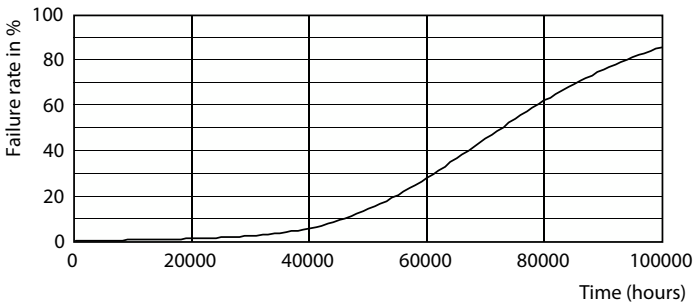
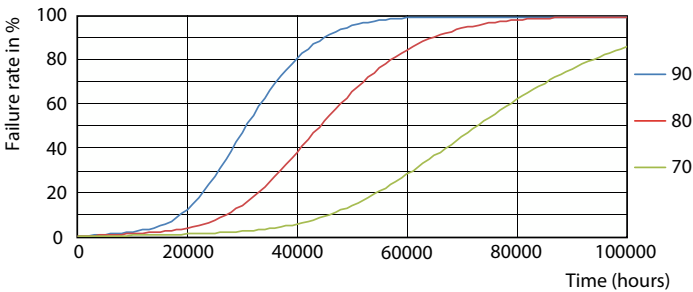
Photometric data



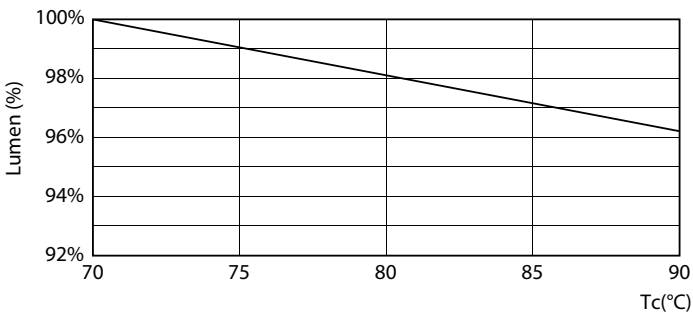
Spectral Power Distribution Colour - 10.5T8/MAS/48-835/MF16/P/DIM 25/1

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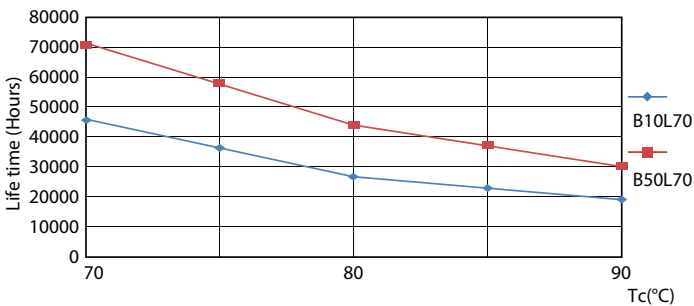
Lifetime



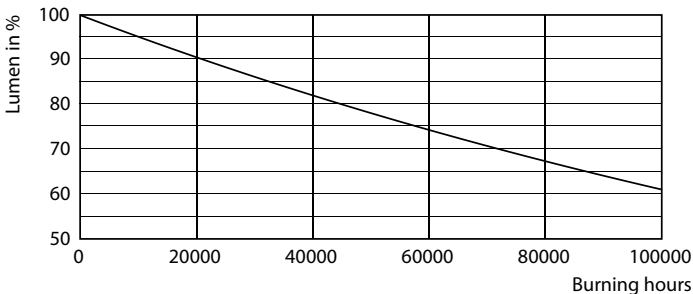
FailureRate



Life Expectancy Diagram



Lumen Maintenance Diagram - 10.5T8/MAS/48-835/MF16/P/DIM 25/1



LifetimeVsTc

Lumen Maintenance Diagram - 10.5T8/MAS/48-835/MF16/P/DIM 25/1

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