



MasterClass MainsFit (UL Type-B) T8

16.5T8/MAS/48-850/MF25/P/DIM 25/1

MasterClass, LEDtube, T8, 47-1/4 inch, 16.5 W, 5000 K, 2500 lm, 70000 hour(s)

MasterClass, LEDtube, T8, 47-1/4 inch, 16.5 W, 5000 K, 2500 lm, 70000 hour(s), 151.00 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	16.5 W
Switching Cycle	50,000	Lamp Current (Max)	144 mA
Lighting Technology	LEDtube	Lamp Current (Min)	68 mA
		Wattage Equivalent	32 W
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277 V
		UL Type	UL Type B
		Temperature	
		T-Case Maximum (Nom)	158 °F
		Controls and Dimming	
		Dimmable	Only with specific dimmers
		Mechanical and Housing	
		Bulb Finish	Frosted
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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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

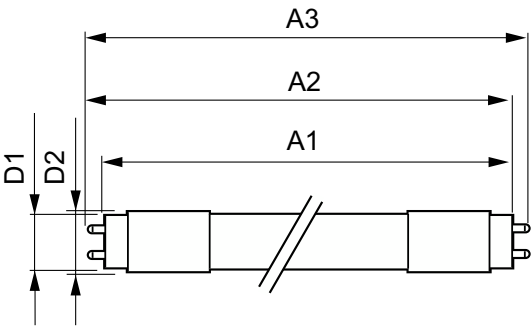
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

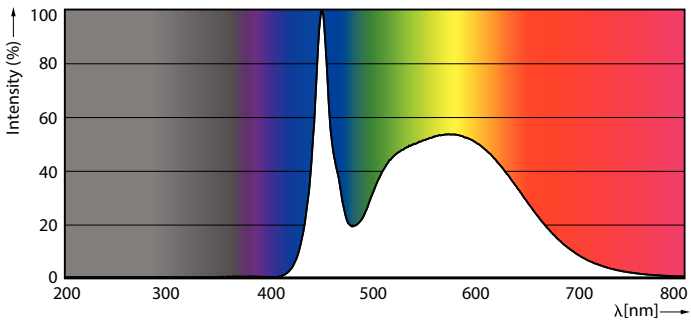
Order product name	16.5T8/MAS/48-850/MF25/P/DIM 25/1
Full product name	16.5T8/MAS/48-850/MF25/P/DIM 25/1
Order code	579532
Material Nr. (12NC)	929003526004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579531
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677579536

Dimensional drawing

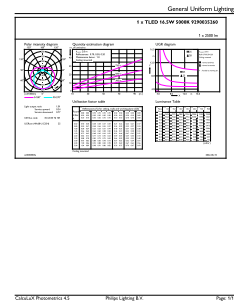


Product	D1	D2	A1	A2	A3
16.5T8/MAS/48-850/MF25/P/DIM 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



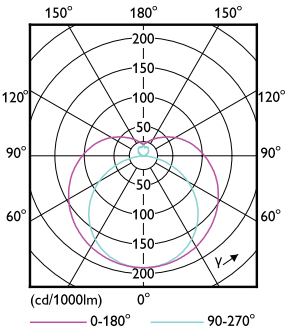
Spectral Power Distribution Colour - 16.5T8/MAS/48-850/MF25/P/DIM 25/1



General uniform lighting - 16.5T8/MAS/48-850/MF25/P/DIM 25/1

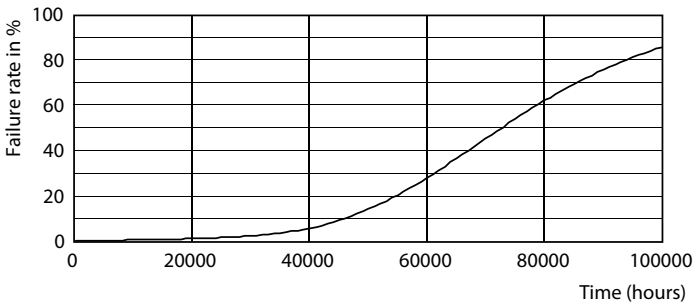
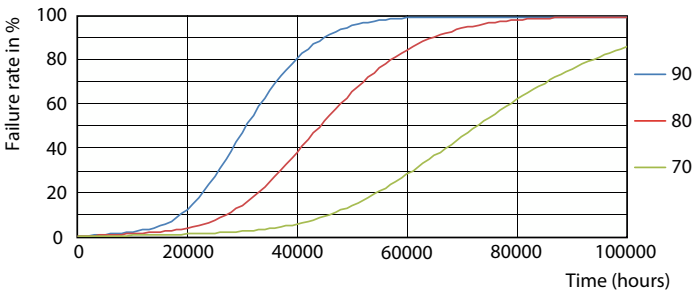
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Photometric data

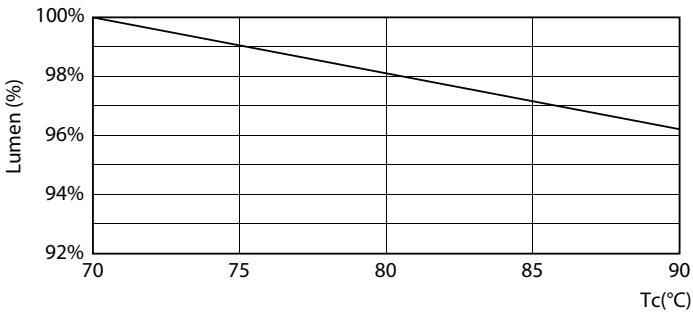


Light Distribution Diagram - 16.5T8/MAS/48-850/MF25/P/DIM 25/1

Lifetime

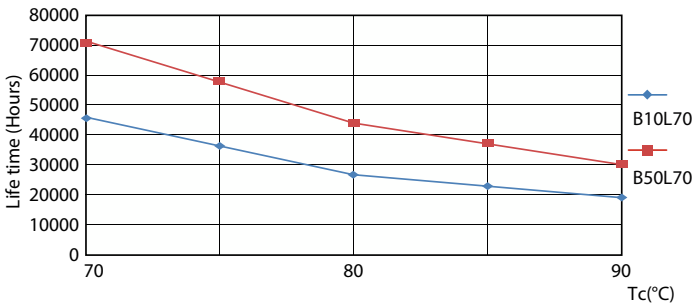


FailureRate



Lumen Maintenance Diagram - 16.5T8/MAS/48-850/MF25/P/DIM 25/1

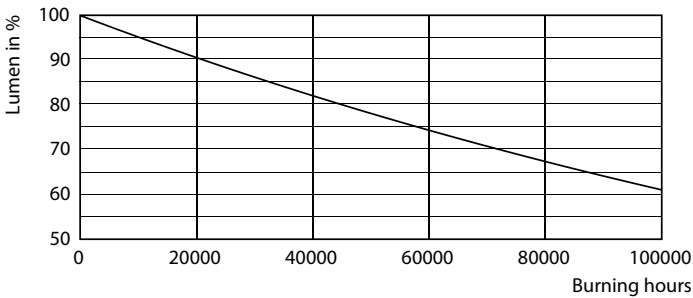
Life Expectancy Diagram



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - 16.5T8/MAS/48-850/MF25/P/DIM 25/1

