

MasterClass InstantFit (UL Type-A) T8

15.5T8/MAS/48-835/IF24/P/DIM 25/1

MasterClass, LEDtube, T8, 47-1/4 inch, 15.5 W, 3500 K, 2400 lm, 70000 hour(s)

MasterClass, LEDtube, T8, 47-1/4 inch, 15.5 W, 3500 K, 2400 lm, 70000 hour(s), 154 lm/W, G13, Plastic

Product data

General Information	
Cap-Base	G13
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,400 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	154 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

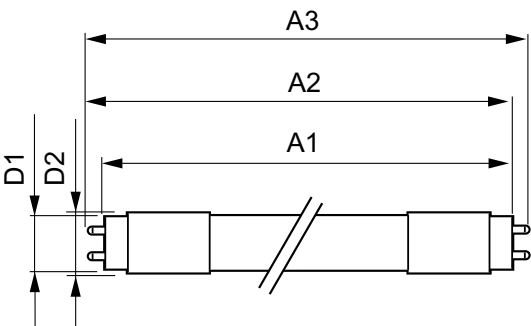
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Line Frequency	20K to 120K Hz
Input Frequency	20K to 120K Hz
Power Consumption	15.5 W
Lamp Current (Max)	320 mA
Lamp Current (Min)	60 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277,347 V
UL Type	UL Type A

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Temperature	
T-Case Maximum (Nom)	104 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.364 lb
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

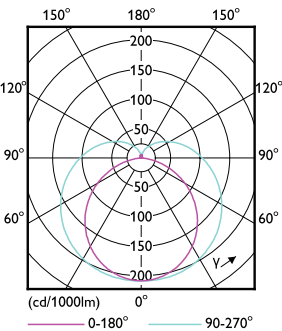
Ambient temperature range	-4 °F to 131 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	15.5T8/MAS/48-835/IF24/P/DIM 25/1
Full product name	15.5T8/MAS/48-835/IF24/P/DIM 25/1
Order code	533372
Material Nr. (12NC)	929002016304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677545185
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677545180

Dimensional drawing

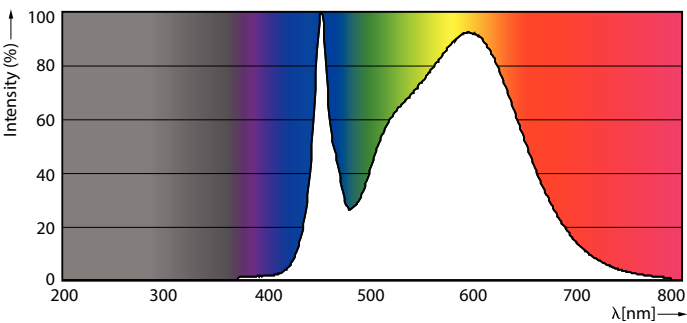


Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-835/IF24/P/DIM 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



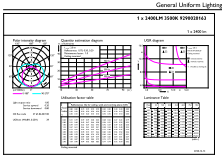
Light Distribution Diagram - 15.5T8/MAS/48-835/IF24/P/DIM 25/1



Spectral Power Distribution Colour - 15.5T8/MAS/48-835/IF24/P/DIM 25/1

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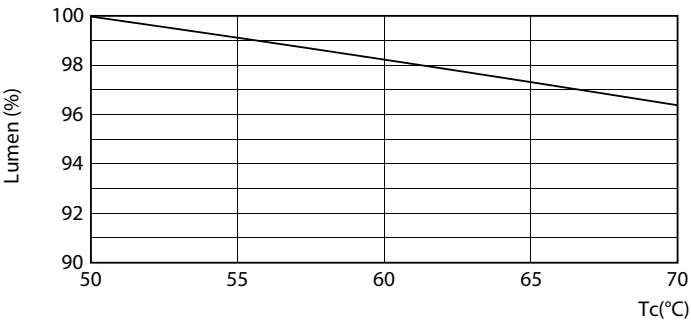
Photometric data



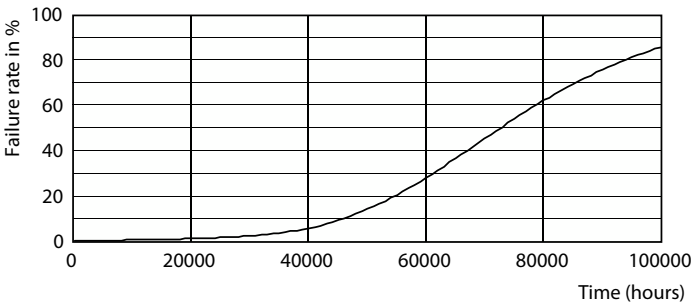
General Uniform Lighting - 15.5T8/MAS/48-835/IF24/P/DIM 25/1

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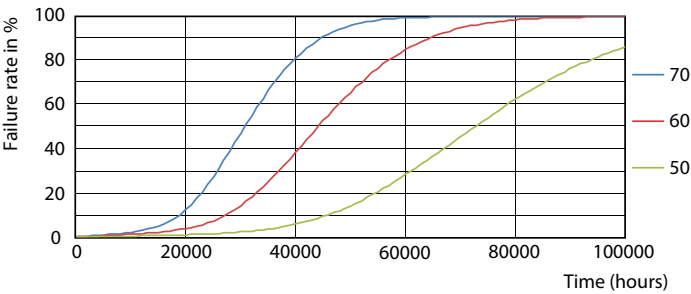
Lifetime



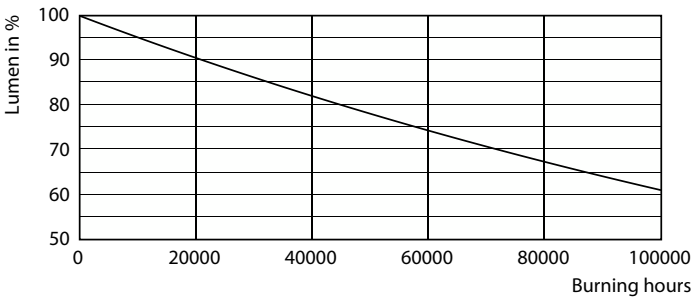
Lumen Maintenance Diagram - 15.5T8/MAS/48-835/IF24/P/DIM 25/1



LEDtube 15,5W G13 T8



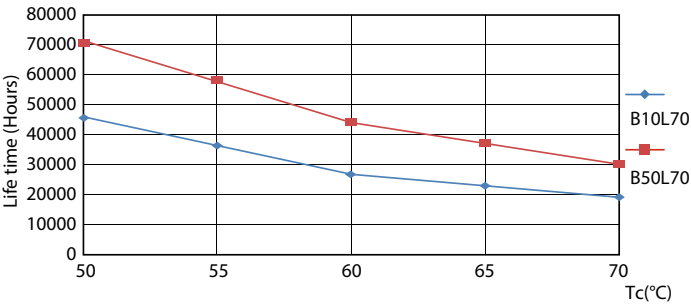
LEDtube 15,5W G13 T8 FailureRate



Lumen Maintenance Diagram - 15.5T8/MAS/48-835/IF24/P/DIM 25/1

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Lifetime



LEDtube 15,5W G13 T8 LifetimeVsTc

