



T8

10.5T8/MAS/48-840/MF16/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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,650 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	157.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	10.5 W
Lamp Current (Max)	100 mA
Lamp Current (Min)	43 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.6 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	Type B - bypass the ballast
Temperature	
Ambient temperature range	-4 °F to 113 °F
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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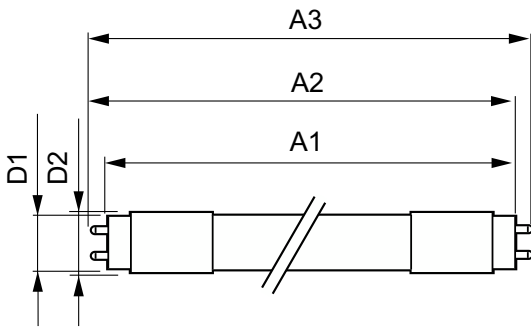
Bulb Material	Plastic
Product Length	47-1/4 inch
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	10.5T8/MAS/48-840/MF16/P 10/1
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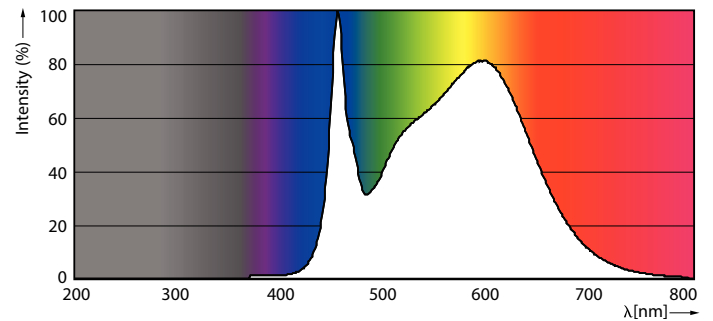
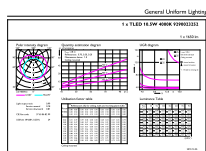
Full product name	10.5T8/MAS/48-840/MF16/P 10/1
Order code	557363
Material Nr. (12NC)	929002325204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677557362
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677557367

Dimensional drawing



Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-840/MF16/P 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

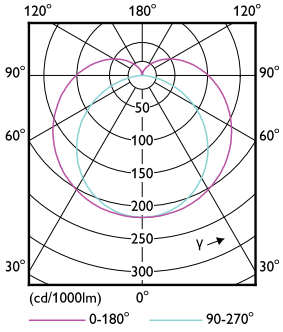
Photometric data



General uniform lighting - 10.5T8/MAS/48-840/MF16/P 10/1

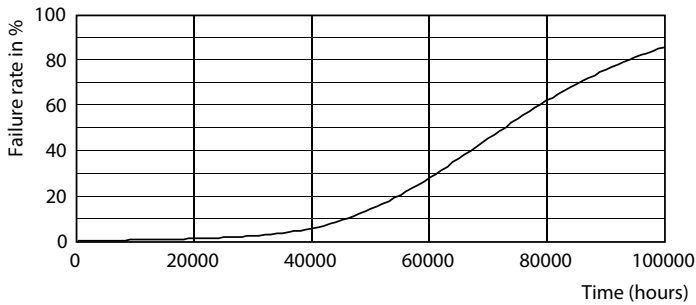
Spectral Power Distribution Colour - 10.5T8/MAS/48-840/MF16/P 10/1

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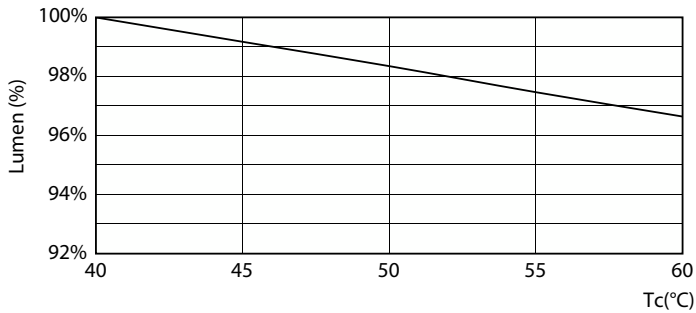


Light Distribution Diagram - 10.5T8/MAS/48-840/MF16/P 10/1

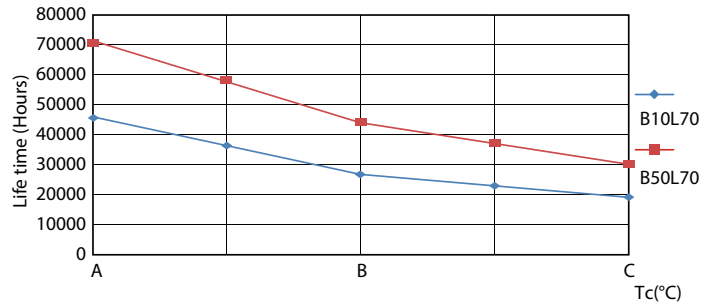
Lifetime



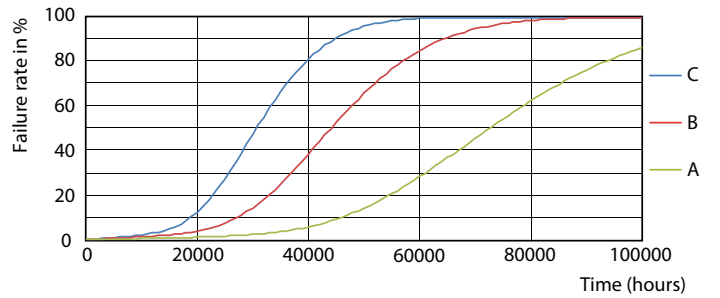
Life Expectancy Diagram - 10.5T8/MAS/48-840/MF16/P 10/1



Lumen Maintenance Diagram - 10.5T8/MAS/48-840/MF16/P 10/1



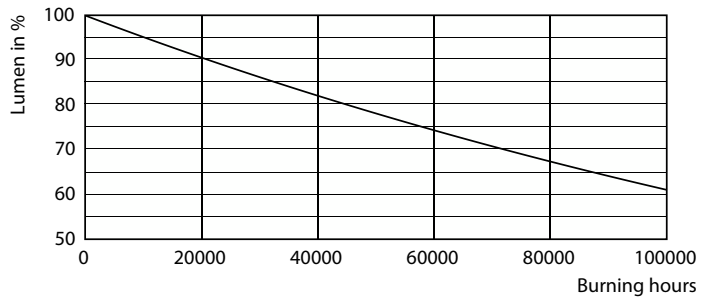
Life Expectancy Diagram - 10.5T8/MAS/48-840/MF16/P 10/1



Life Expectancy Diagram - 10.5T8/MAS/48-840/MF16/P 10/1

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Lifetime



Lumen Maintenance Diagram - 10.5T8/MAS/48-840/MF16/P 10/1

