



T8

16.9T8/MAS/48-835/MF25/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	
Lighting Technology	LED
Switching Cycle	50,000
Nominal lifetime	70,000 hour(s)
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,400 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	142.00 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	16.9 W
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
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Limited
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	Tube, double-ended

Approval and Application

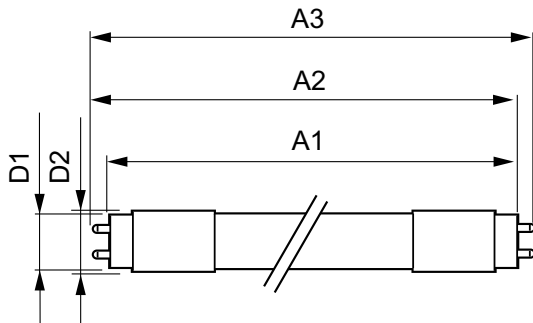
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

Product Data

Order product name	16.9T8/MAS/48-835/MF25/P 10/1
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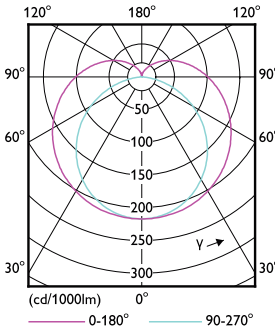
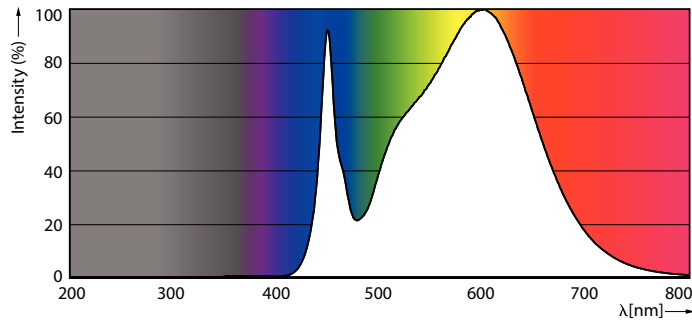
Order code	929002442434
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929002442434
Full product name	16.9T8/MAS/48-835/MF25/P 10/1
EAN/UPC - Case	50046677575569

Dimensional drawing



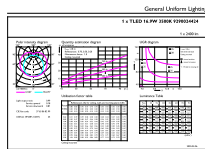
Product	D1	D2	A1	A2	A3
16.9T8/MAS/48-835/MF25/P 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



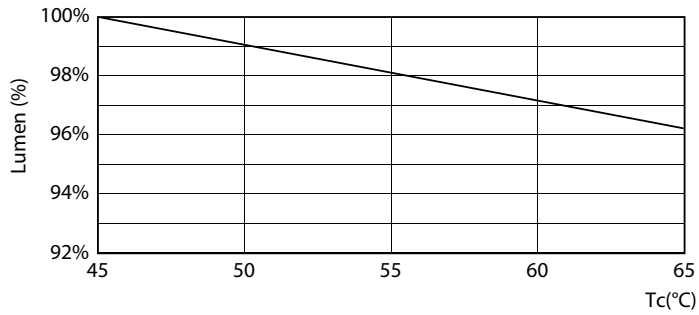
Spectral Power Distribution Colour - 16.9T8/MAS/48-835/MF25/P 10/1

Light Distribution Diagram - 16.9T8/MAS/48-835/MF25/P 10/1

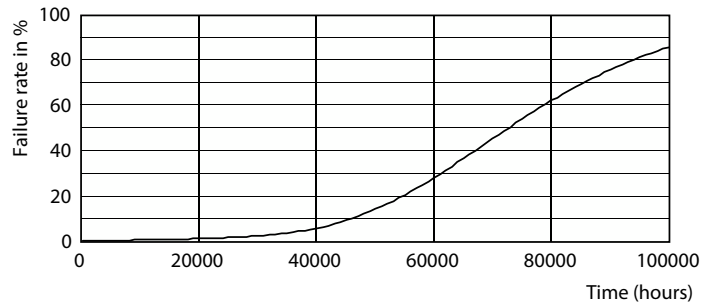


General uniform lighting - 16.9T8/MAS/48-835/MF25/P 10/1

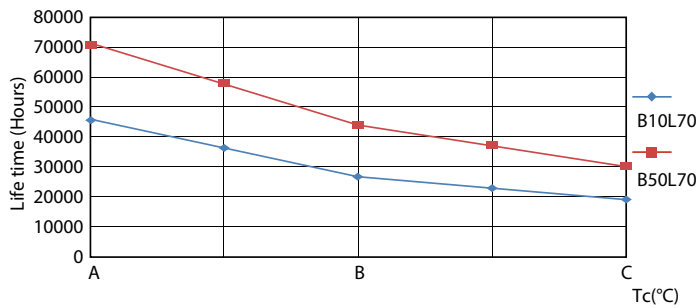
Lifetime



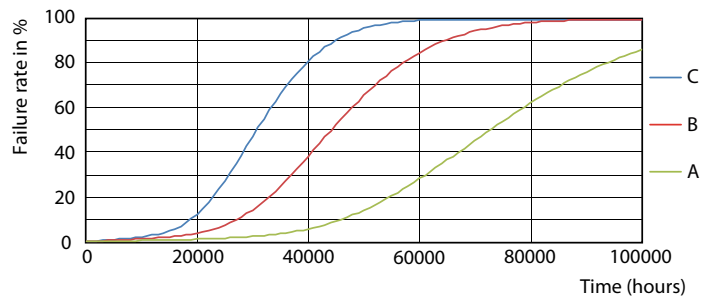
Lumen Maintenance Diagram - 16.9T8/MAS/48-835/MF25/P 10/1



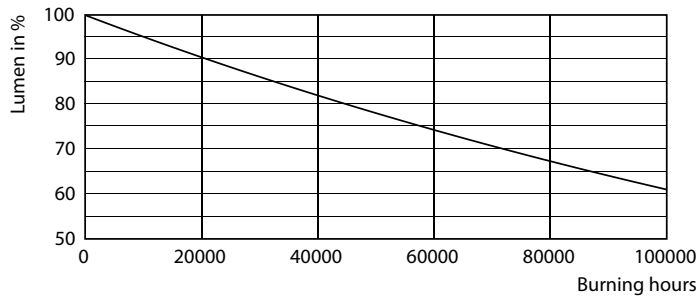
Life Expectancy Diagram - 16.9T8/MAS/48-835/MF25/P 10/1



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