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10.5T8/MAS/48-840/MF16/P/DIM 25/1

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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X

Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	1600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	152.00 lm/W
Color Consistency	6SCDM
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	10.5 W
Lamp Current (Max)	90 mA
Lamp Current (Min)	42 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type B; UL classified double end
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	158 °F

Controls and dimming	
Dimmable	Only with specific dimmers

Mechanical and housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	48 in
Bulb Shape	Tube, double-ended

Approval and application

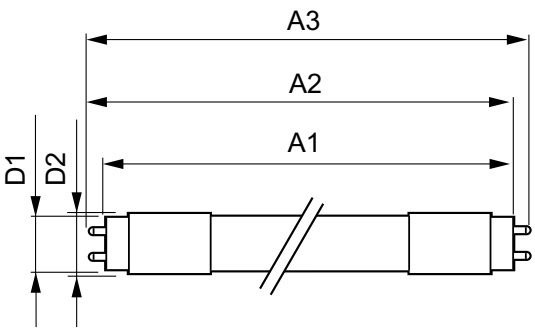
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate

Product data

Order product name	10.5T8/MAS/48-840/MF16/P/DIM 25/1

EAN/UPC - Product	046677579456
Order code	579458
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003525204
Net Weight (Piece)	0.463 lb
Model Number	9290035252

Dimensional drawing



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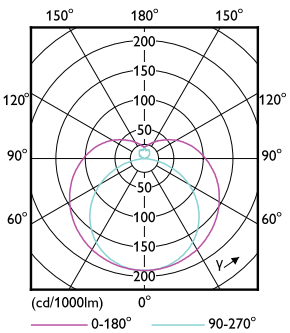
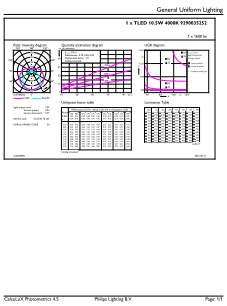
Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-840/ MF16/P/DIM 25/1	1-1/16 in	1-1/8 in	47-3/16 in	47-3/4 in	47-3/4 in

Photometric data



Light Distribution Diagram



General uniform lighting

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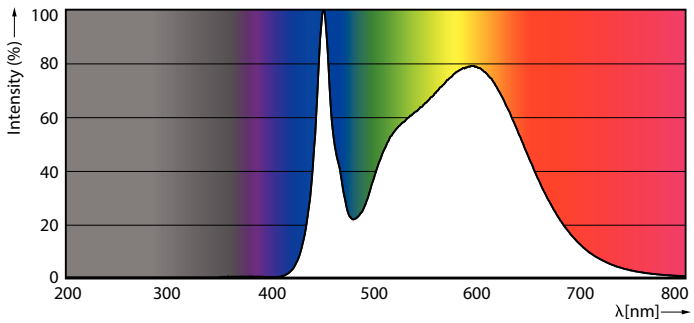
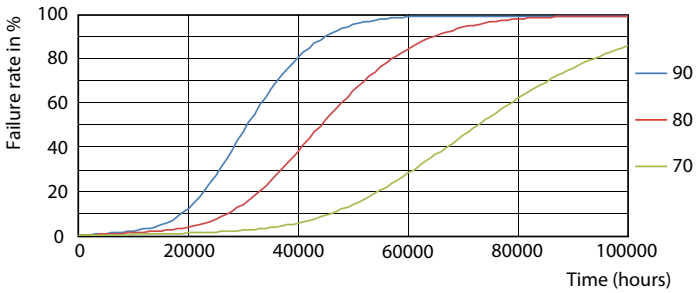
Photometric data

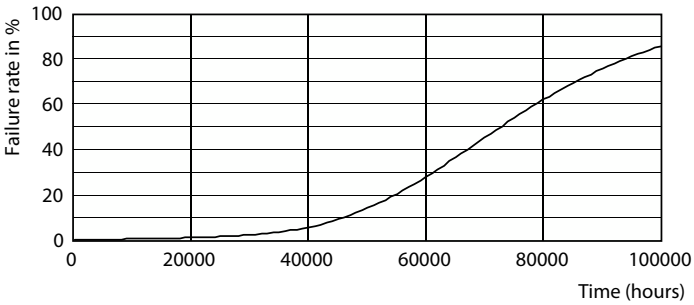


Spectral Power Distribution Colour

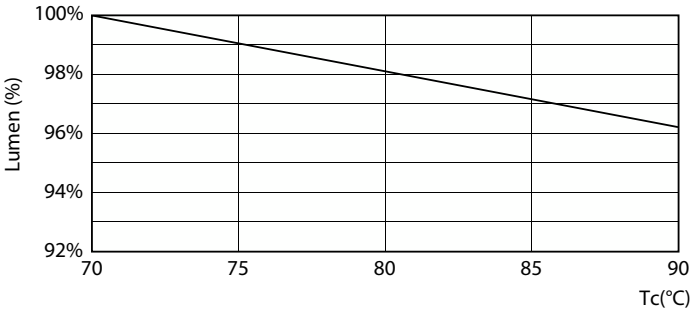
Lifetime



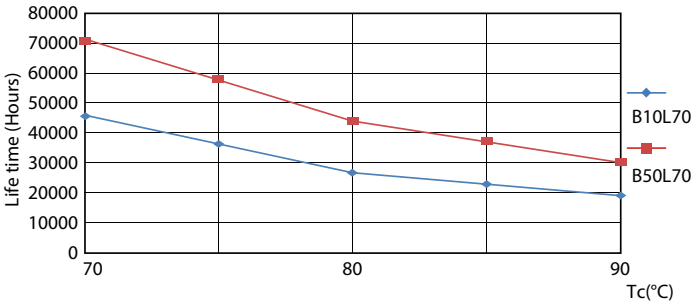
FailureRate



Life Expectancy Diagram

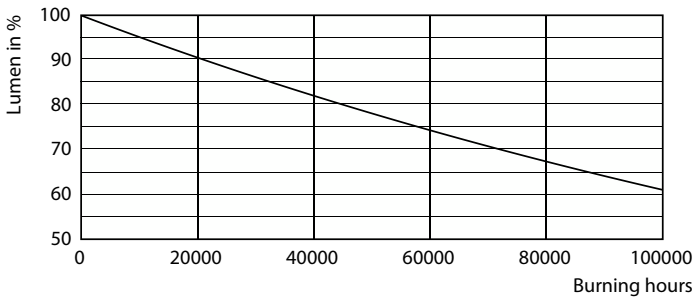


LumenVsTc



LifetimeVsTc

Lifetime



Lumen Maintenance Diagram

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