

T8

8.5T8/MAS/36-840/IF14/P/DIM 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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000
Technical Type	LEDTECH-LOV
Tier	MasterClass
Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	1400 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	164 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

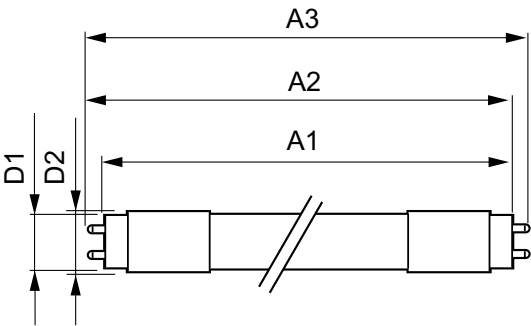
Operating and electrical	
Input Frequency	20K to 120K Hz
Power (Rated) (Nom)	8.5 W
Lamp Current (Max)	280 mA
Lamp Current (Min)	50 mA
Wattage Equivalent	25 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type A; UL listed HF
Power Factor (Nom)	0.9
Voltage (Nom)	120-277,347 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)	104 °F

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Controls and dimming	
Dimmable	Only with specific dimmers
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	35-7/16 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Energy Certifications	DLC Standard
Product data	
Order product name	8.5T8/MAS/36-840/IF14/P/DIM 10/1
EAN/UPC - Product	046677539870
Order code	539874
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001967604
Net Weight (Piece)	0.287 lb
Model Number	9290019676

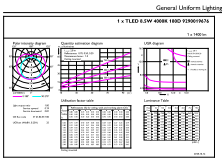
Dimensional drawing



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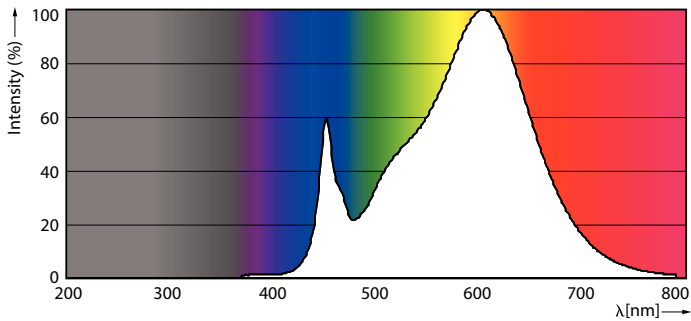
Product	D1	D2	A1	A2	A3
8.5T8/MAS/36-840/ IF14/P/DIM 10/1	1-1/16 in	1-1/16 in	35-3/16 in	35-1/2 in	35-3/4 in

Photometric data



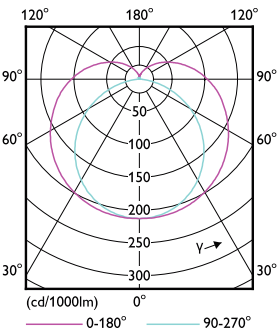
General Uniform Lighting
1 x T140 4.0W 4000K 1400lm
Calculation: 1000 ft-cd
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G13 4000K 1400lm



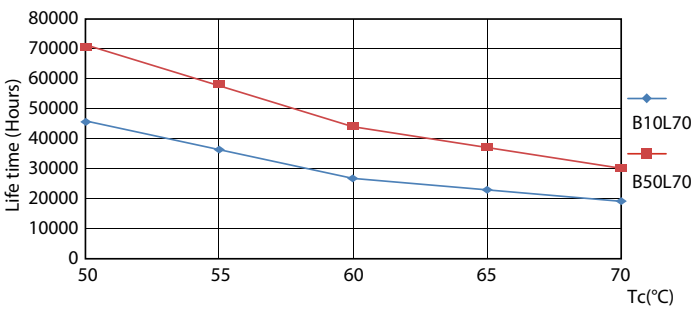
G13 4000K 1400lm

Photometric data

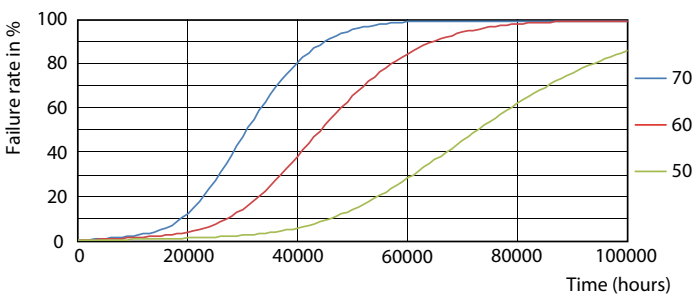


G13 4000K

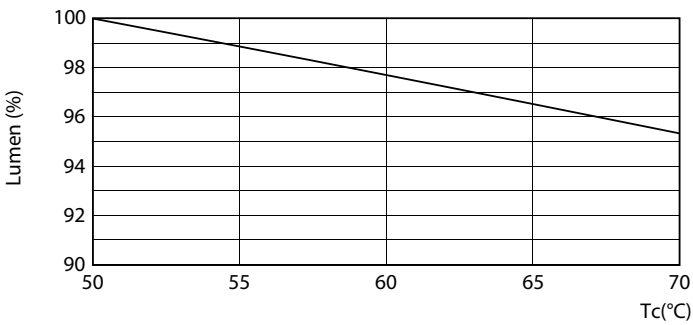
Lifetime



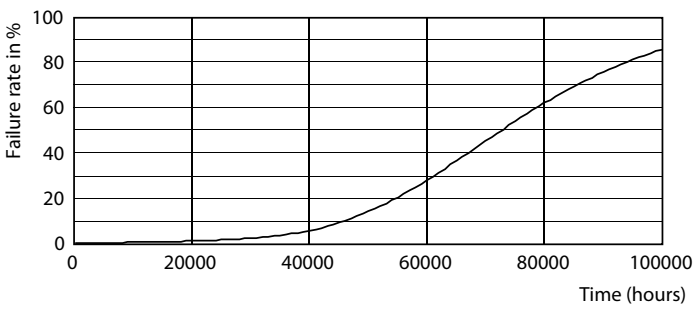
G13 4000K



G13 4000K

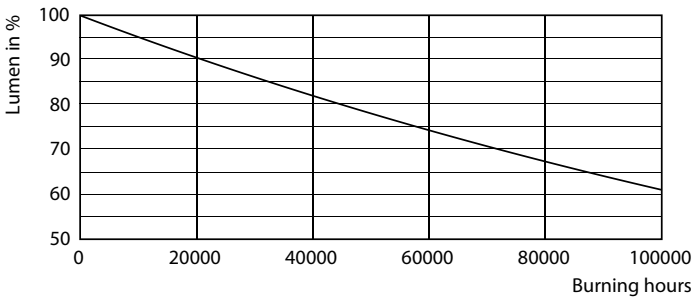


G13 4000K



G13 4000K

Lifetime



G13 4000K

