



T8

8.5T8/MAS/36-850/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		Starting Time (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]		0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
Switching Cycle	50000X	Power Factor (Nom)	0.9
		Voltage (Nom)	120-277, 347 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1400 lm	T-Storage (Max)	65 °C
Color Designation	Daylight	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	50 °C
Luminous Efficacy (rated) (Nom)	164.00 lm/W		
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	20K to 120K Hz		
Power (Rated) (Nom)	8.5 W		

Mechanical and Housing

Product Length	36 in
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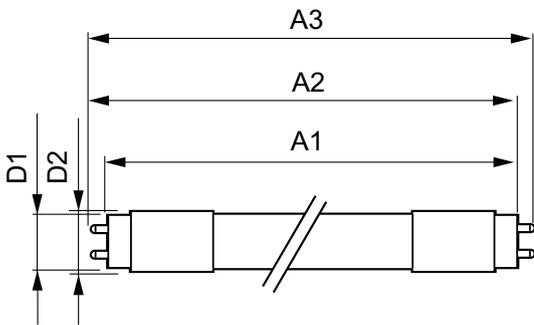
Approval and Application

Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approval 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/36-850/IF14/P/DIM 10/1
EAN/UPC - Product	046677539887
Order code	539882
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001967704
Net Weight (Piece)	0.160 kg
Model Number	9290019677

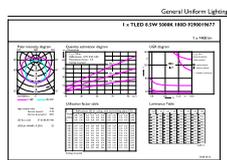
Dimensional drawing



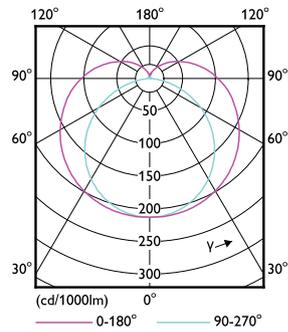
TLED IF MasterClass 3ft 1400lm 5000K

Product	D1	D2	A1	A2	A3
8.5T8/MAS/36-850/IF14/P/DIM 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm

Photometric data

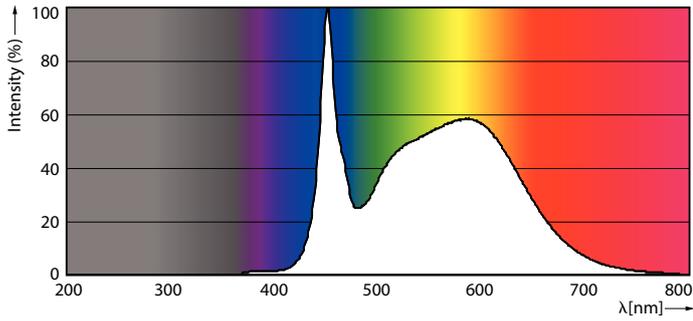


G13 5000K 1400lm



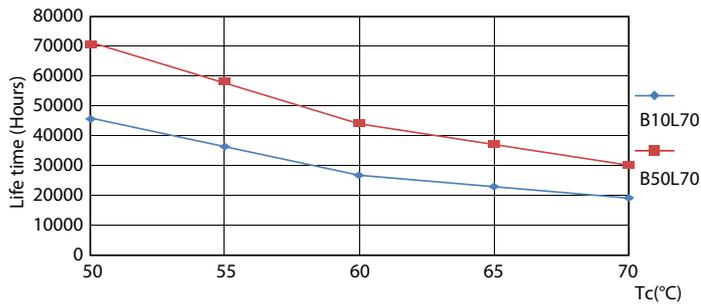
G13 4000K

Photometric data

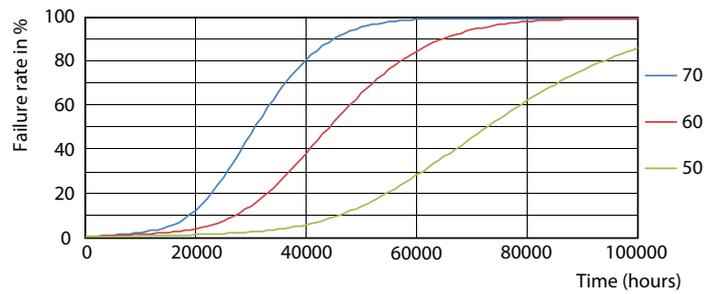


G13 5000K 1400lm

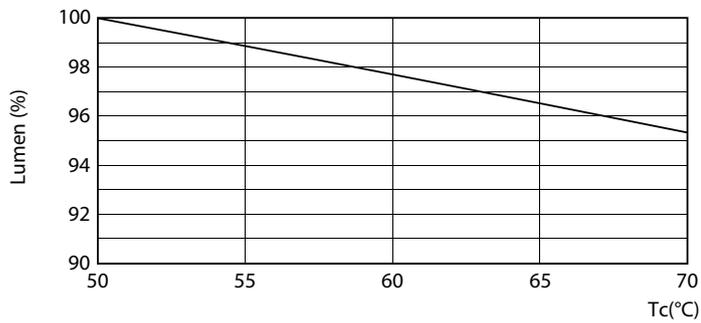
Lifetime



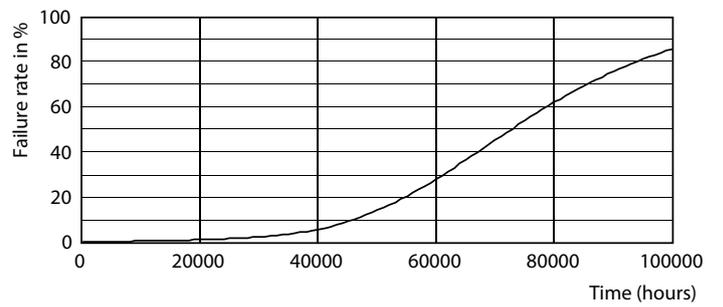
G13 4000K



G13 4000K



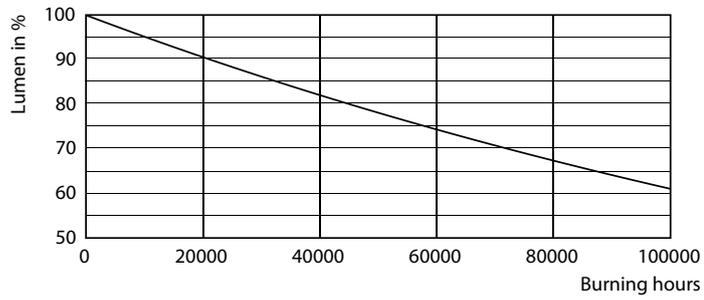
G13 4000K



G13 4000K

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Lifetime



G13 4000K

