



T8

8.5T8/MAS/36-850/IF14/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

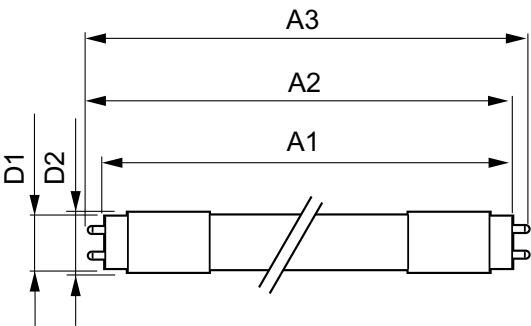
General Information		UL Type	
Base	G13 [Medium Bi-Pin Fluorescent]	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver	
EU RoHS compliant	Yes	Power Factor (Nom)	0.9
Nominal Lifetime (Nom)	70000 h	Voltage (Nom)	120-277, 347 V
Switching Cycle	50000X	Temperature	
Light Technical		T-Ambient (Max)	45 °C
Color Code	850 [CCT of 5000K]	T-Ambient (Min)	-20 °C
Beam Angle (Nom)	180 °	T-Storage (Max)	65 °C
Initial lumen (Nom)	1400 lm	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	50 °C
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Product Length	900 mm
Input Frequency	20K to 120K Hz		
Power (Rated) (Nom)	8.5 W		
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		

Approval and Application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Certifications	DLC Standard

Product Data	
Order product name	8.5T8/MAS/36-850/IF14/P 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

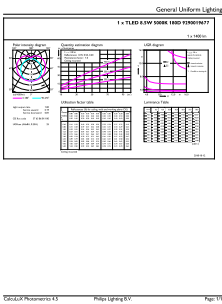
Dimensional drawing



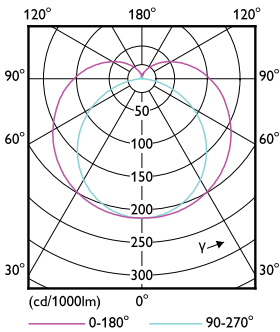
TLED IF MasterClass 3ft 1400lm 5000K

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

Photometric data

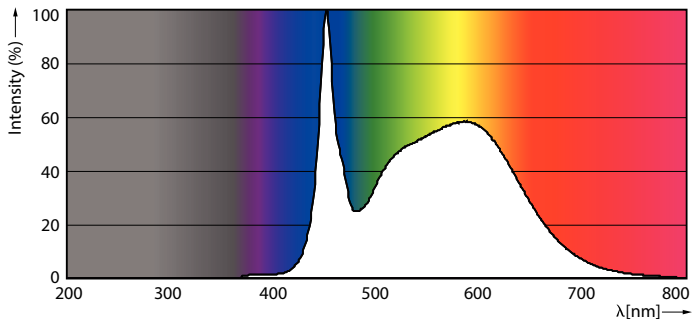


G13 5000K 1400lm



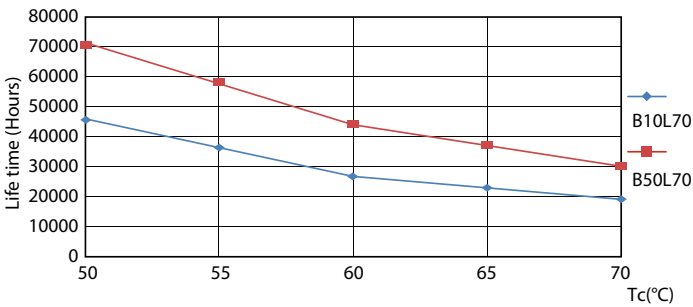
G13 4000K

Photometric data

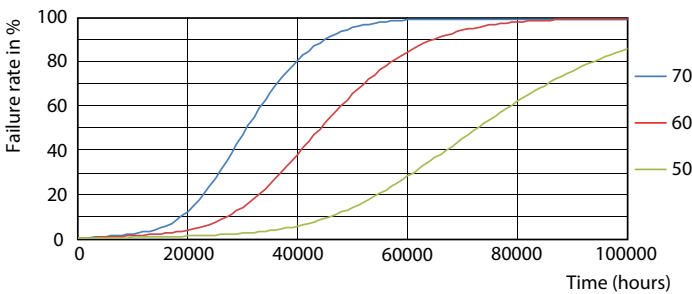


G13 5000K 1400lm

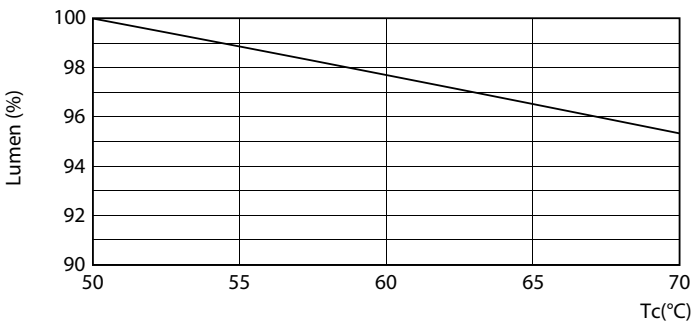
Lifetime



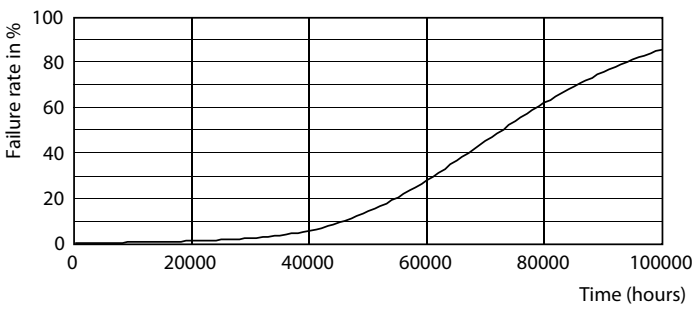
G13 4000K



G13 4000K

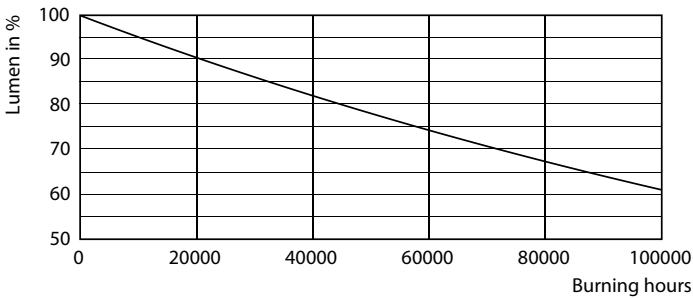


G13 4000K



G13 4000K

Lifetime



G13 4000K

