

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

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	1400 lm
Color Designation	Daylight [Daylight]
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	164.00 lm/W
Color Consistency	<5
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

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	Yes

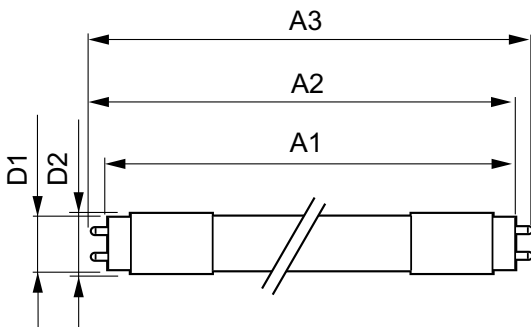
Mechanical and Housing	
Bulb Material	Plastic
Product Length	900 mm

T8

Bulb Shape	Tube, double-ended
Approval and Application	
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

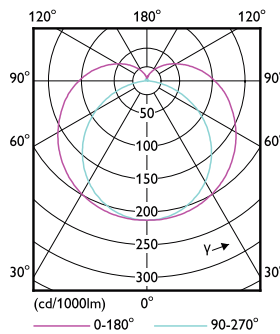
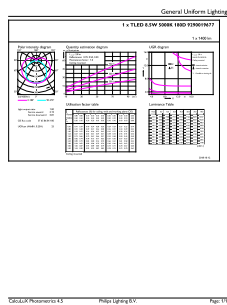
Dimensional drawing



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

TLED IF MasterClass 3ft 1400lm 5000K

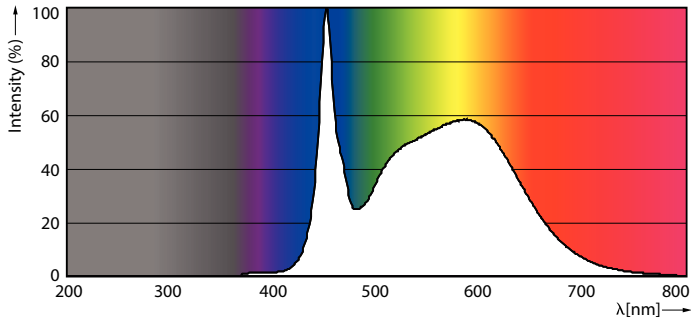
Photometric data



G13 5000K 1400lm

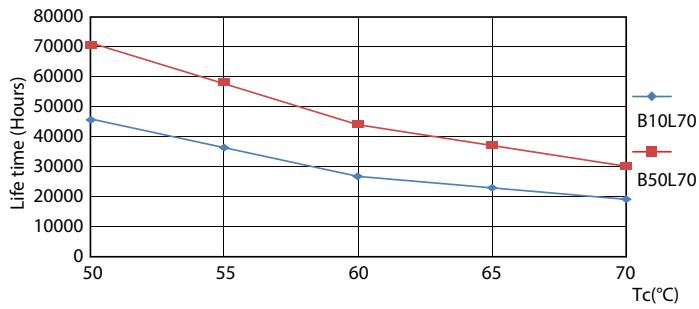
G13 4000K

Photometric data

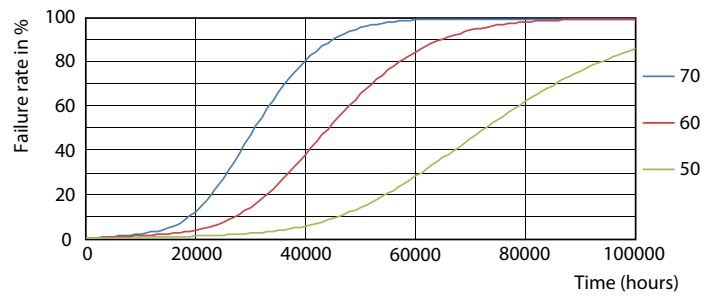


G13 5000K 1400lm

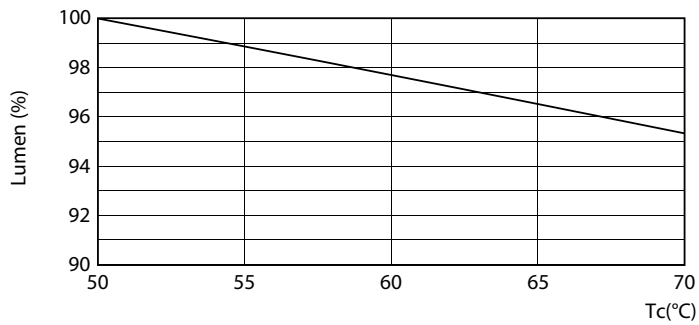
Lifetime



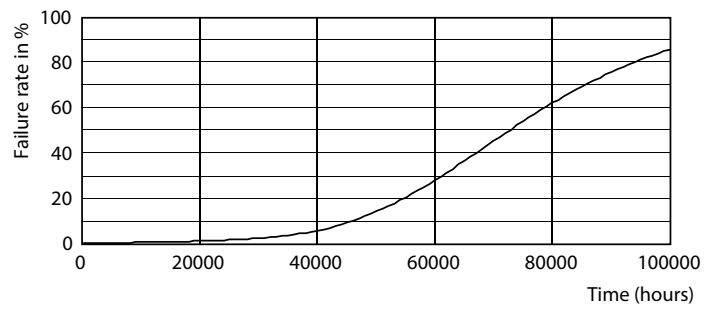
G13 4000K



G13 4000K



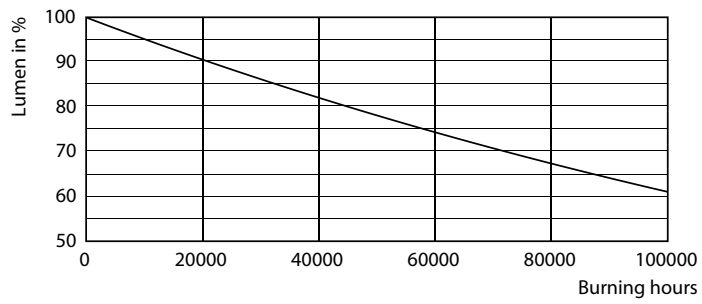
G13 4000K



G13 4000K

T8

Lifetime



G13 4000K

