



# T8

## 8.5T8/MAS/36-835/IF13/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	
Base	G13 [ Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h
Light Technical	
Color Code	835 [ CCT of 3500K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	1300 lm
Luminous Flux (Rated) (Nom)	1300 lm
Rated Beam Angle	180 °
Correlated Color Temperature (Nom)	3500 K
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

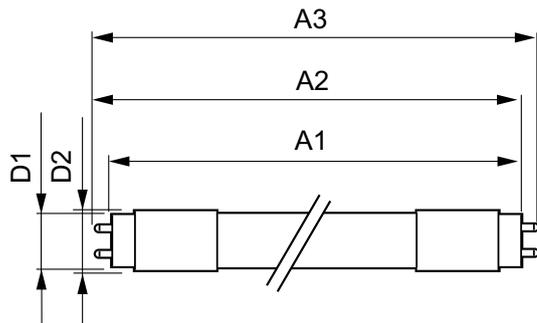
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	900 mm
Approval and Application	
Energy Saving Product	Yes

# T8

<b>Approbation Marks</b>	RoHS compliance UL certificate DLC compliance
<b>DesignLights Consortium Qualified Product List</b>	DesignLights Consortium Qualified Product List
<b>Product Data</b>	
<b>Order product name</b>	8.5T8/MAS/36-835/IF13/P 10/1
<b>EAN/UPC - Product</b>	046677539863

<b>Order code</b>	539866
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	10
<b>Material Nr. (12NC)</b>	929001967904
<b>Net Weight (Piece)</b>	0.160 kg
<b>Model Number</b>	9290019679

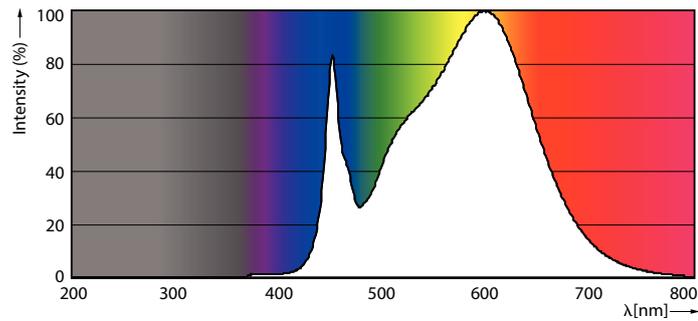
## Dimensional drawing



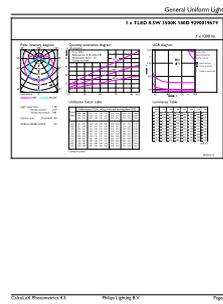
TLED IF MasterClass 3ft 1300lm 3500K

Product	D1	D2	A1	A2	A3
8.5T8/MAS/36-835/IF13/P 10/1	25.7 mm	26.3 mm	893.4 mm	900.5 mm	907.6 mm

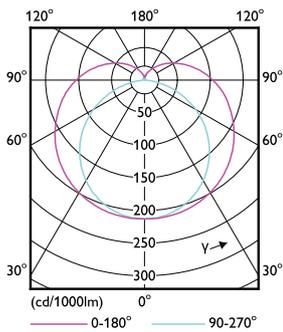
## Photometric data



G13 3500K 1300lm

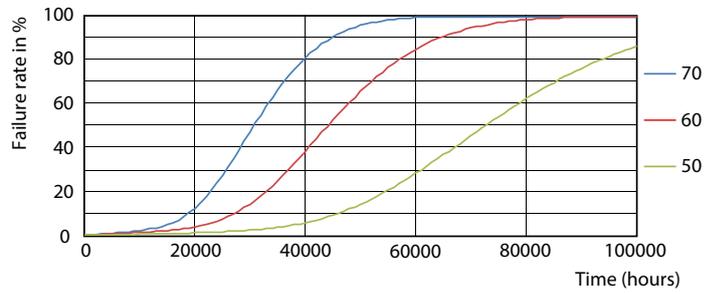
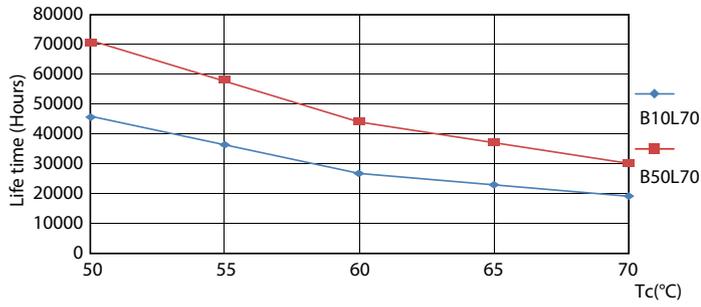


G13 3500K 1300lm

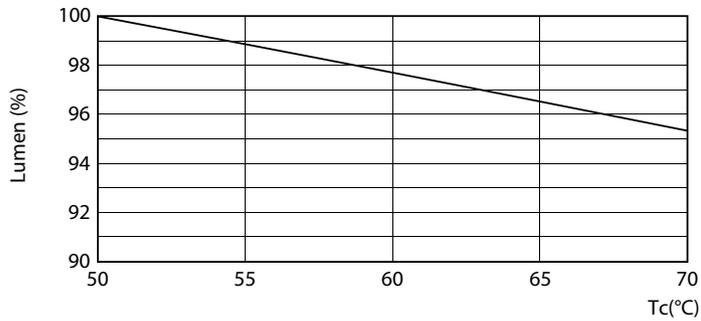


G13 3000K

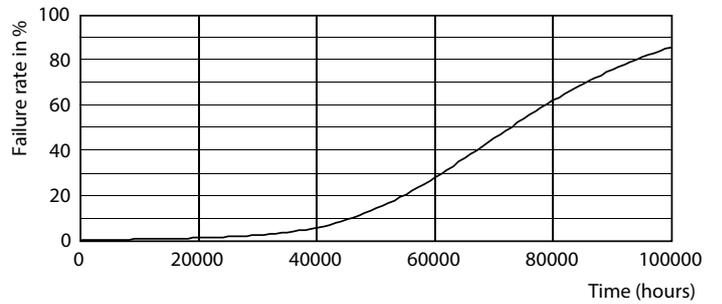
Lifetime



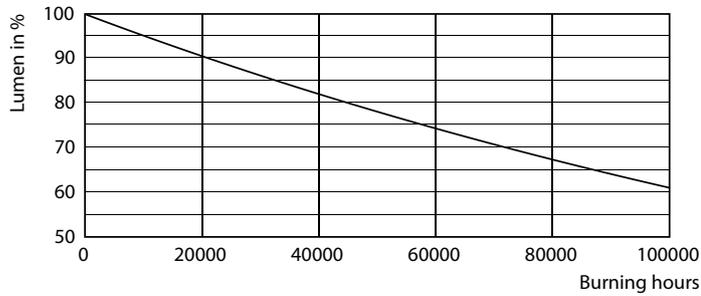
G13 3000K



G13 3000K



G13 3000K 1300lm



G13 3000K

G13 3000K

