



# T8

## 13T8-6U/MAS/24-850/IF21/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	50000X
Light Technical	
Color Code	850 [ CCT of 5000K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	2100 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	161.00 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)	13 W

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
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
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

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## Mechanical and Housing

Product Length 600 mm

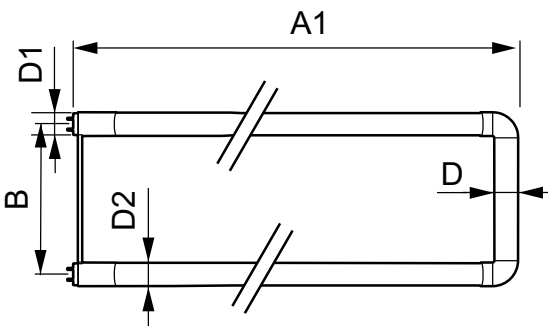
## Approval and Application

Energy Efficiency Label (EEL) Not applicable  
 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 13T8-6U/MAS/24-850/IF21/P/DIM 10/1  
 EAN/UPC - Product 046677541880  
 Order code 541888  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 10  
 Material Nr. (12NC) 929001987704  
 Net Weight (Piece) 0.270 kg  
 Model Number 9290019877

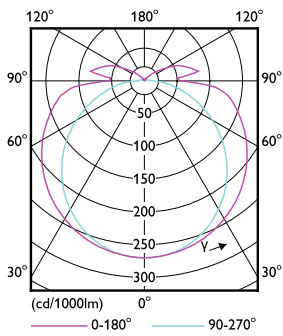
## Dimensional drawing



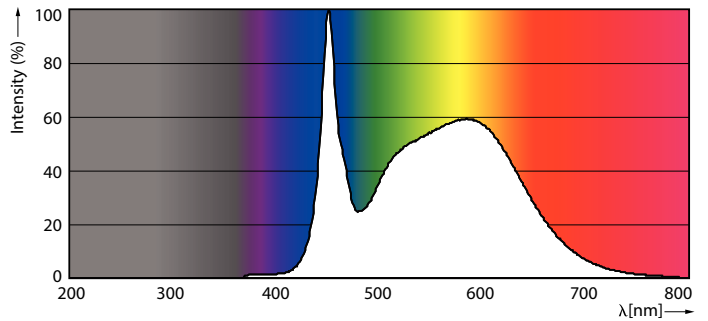
TLED IF MasterClass U bent 2100lm 5000K

Product	D1	D2	A1	A2	A3
13T8-6U/MAS/24-850/IF21/P/DIM 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm

## Photometric data

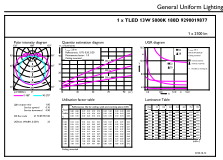


G13 3000K 2000lm



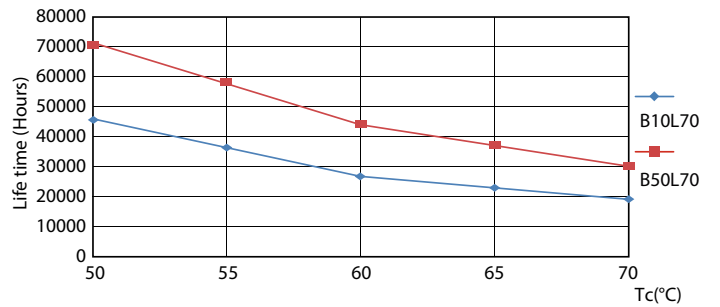
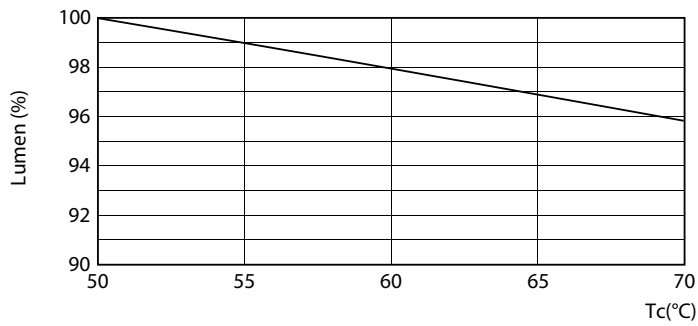
G13 5000K 2100lm

Photometric data

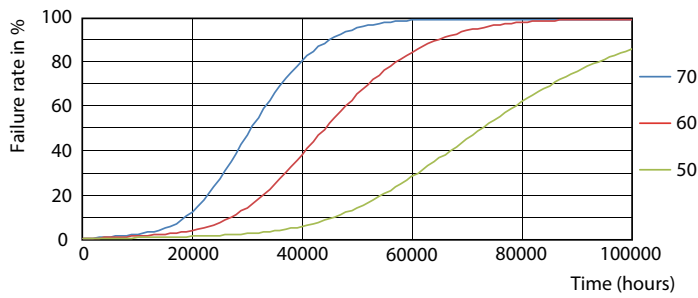


G13 5000K 2100lm

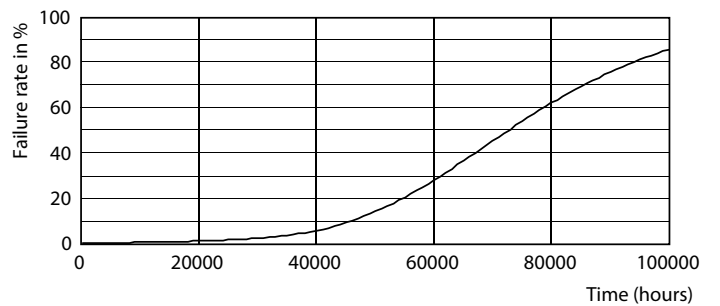
Lifetime



G13 3000K 2000lm



G13 4000K

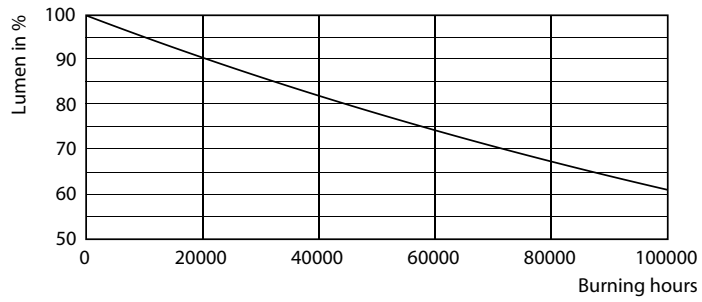


G13 4000K

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## Lifetime



G13 4000K

