

# T8

## 13T8/MAS/48-850/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)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	20000-120000 Hz
Power (Rated) (Nom)	13 W

Lamp Current (Max)	400 mA
Lamp Current (Min)	130 mA
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)	277 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 1200 mm

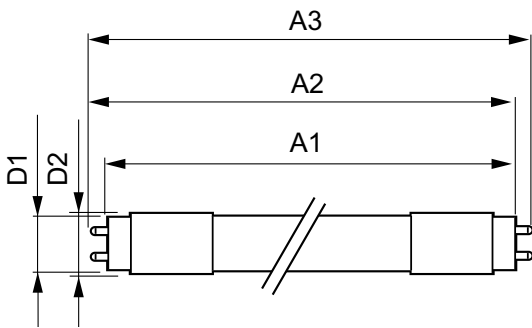
## Approval and Application

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/MAS/48-850/IF21/P/DIM 10/1  
 EAN/UPC - Product 046677473952  
 Order code 473958  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 10  
 Material Nr. (12NC) 929001397934  
 Net Weight (Piece) 0.220 kg  
 Model Number 9290013979A

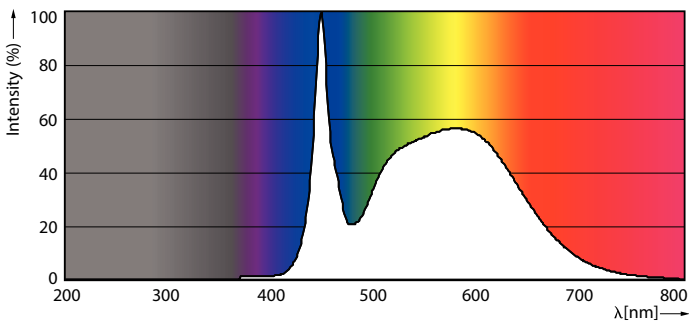
## Dimensional drawing



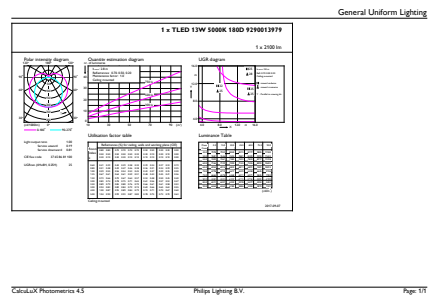
TLED IF MasterClass 4ft 2100lm 5000K

Product	D1	D2	A1	A2	A3
13T8/MAS/48-850/ IF21/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data

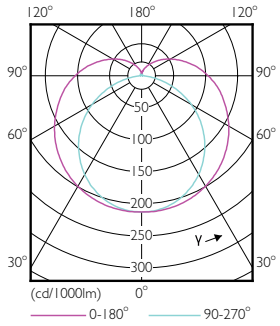


LEDtube 15W G13 850 160D IF 6U EasySmart



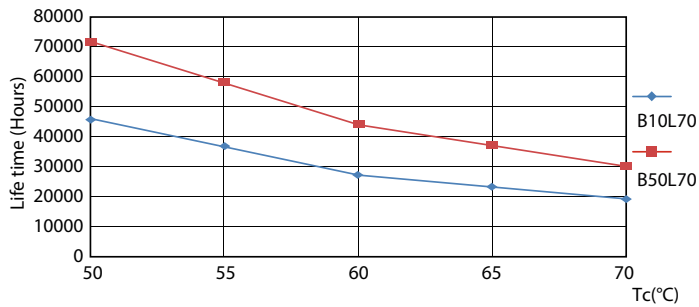
LEDtube 13W G13 850 IF DIM

Photometric data

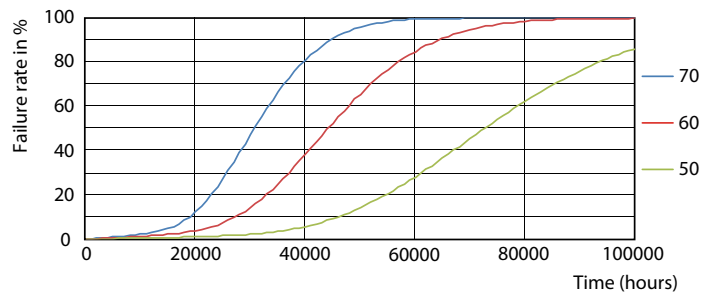


LEDtube 13W G13 2100lm

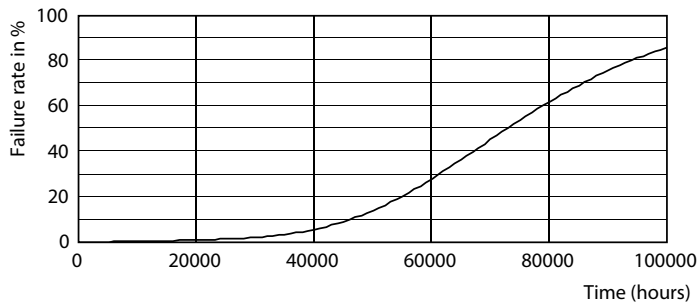
Lifetime



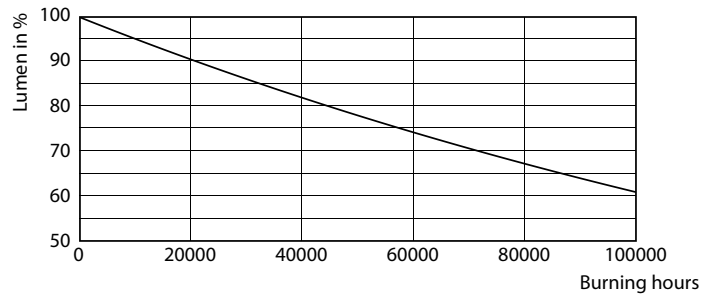
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm



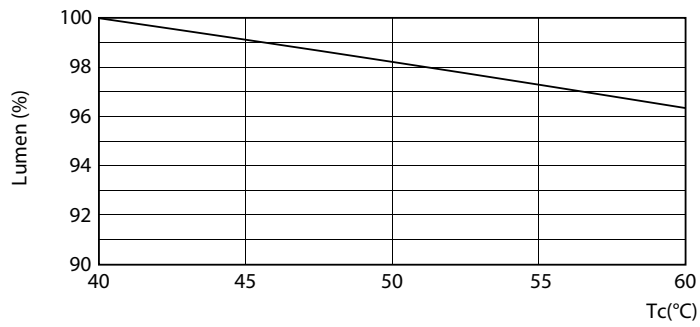
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm

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## Lifetime



LEDtube 13W G13 2100lm

