



# T8

## 7T8/MAS/24-830/IF10/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	830 [ CCT of 3000K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	1150 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	157.00 lm/W
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)	7 W

Lamp Current (Max)	240 mA
Lamp Current (Min)	80 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)	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

# T8

## Mechanical and Housing

Product Length 600 mm

## Approval and Application

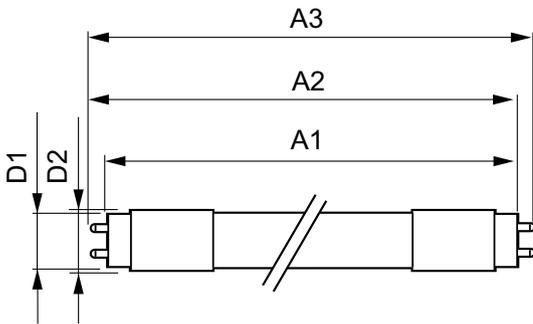
Energy Efficiency Label (EEL) Not applicable  
 Energy Saving Product Yes  
 Approbation Marks RoHS compliance UL certificate  
 Energy Consumption kWh/1000 h - kWh  
 Energy Certifications DLC Standard

## Product Data

Order product name 7T8/MAS/24-830/IF10/P/DIM 10/1

EAN/UPC - Product	046677541811
Order code	541813
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001986904
Net Weight (Piece)	0.080 kg
Model Number	9290019869

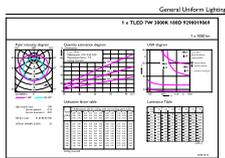
## Dimensional drawing



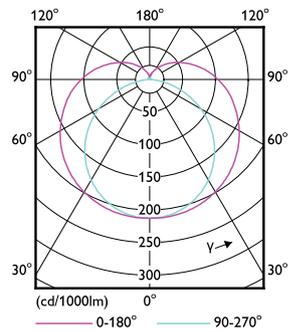
TLED IF MasterClass 2ft 1000lm 3000K

Product	D1	D2	A1	A2	A3
7T8/MAS/24-830/ IF10/P/DIM 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

## Photometric data

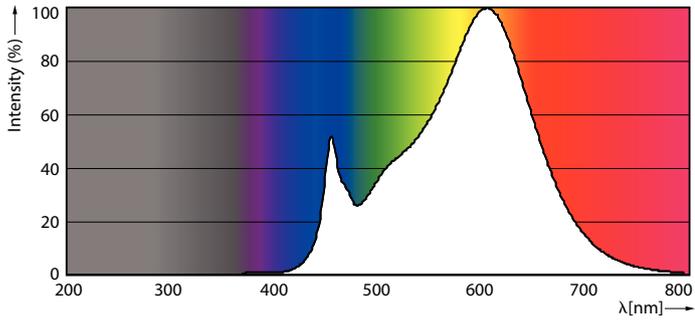


G13 3000K 1100lm



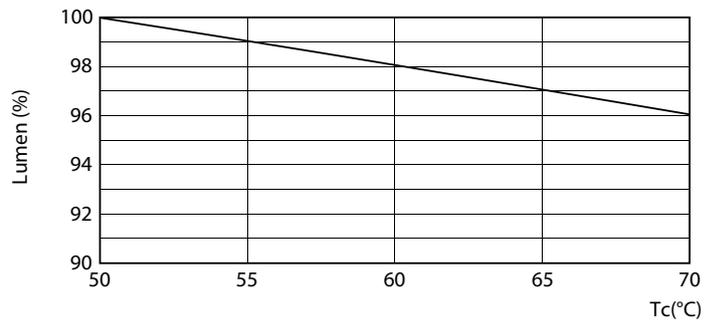
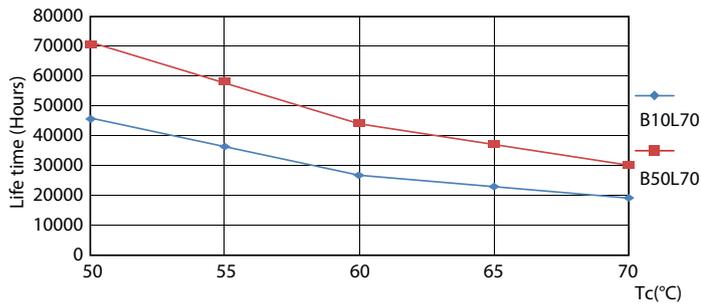
G13 4000K

Photometric data



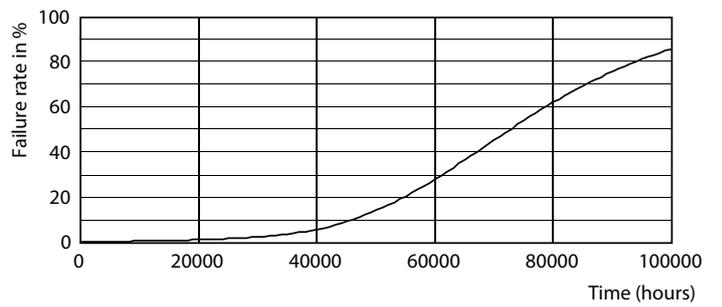
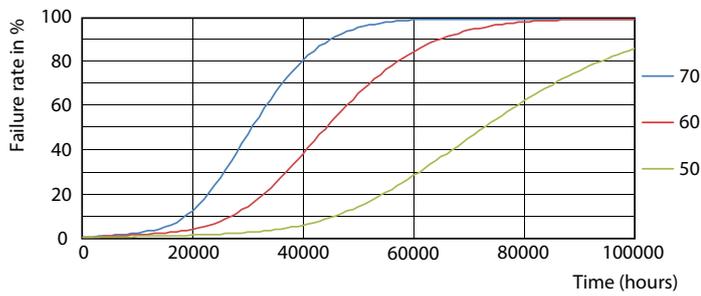
G13 3000K 1100lm

Lifetime



G13 4000K

G13 4000K

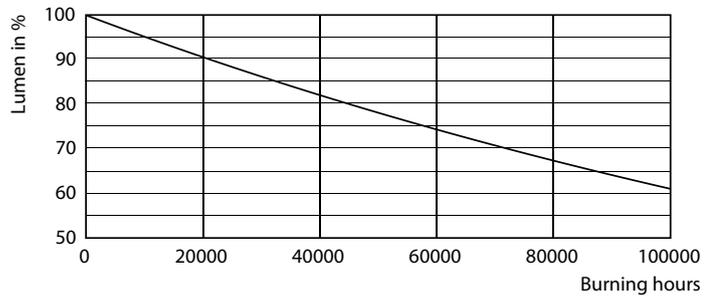


G13 4000K

G13 4000K

# T8

## Lifetime



G13 4000K

