

# T8

## 13T8/MAS/48-830/IF20/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
Main Application	Indoor
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Correlated Color Temperature (Nom)	3000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	20000-120000 Hz
Power (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
Power Factor (Nom)	0.9
Voltage (Max)	347 V
Voltage (Min)	120 V
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 Saving Product Yes

Approval Marks RoHS compliance UL certificate DLC compliance

Energy Certifications DLC Standard

DesignLights Consortium Qualified Product List -

## Product Data

Order product name 13T8/MAS/48-830/IF20/P/DIM 10/1

EAN/UPC - Product 046677473921

Order code 929001397634

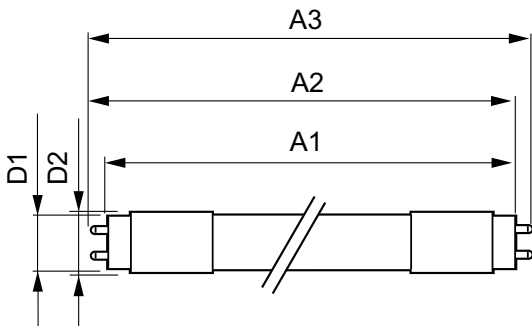
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 10

Material Nr. (12NC) 929001397634

Net Weight (Piece) 0.220 kg

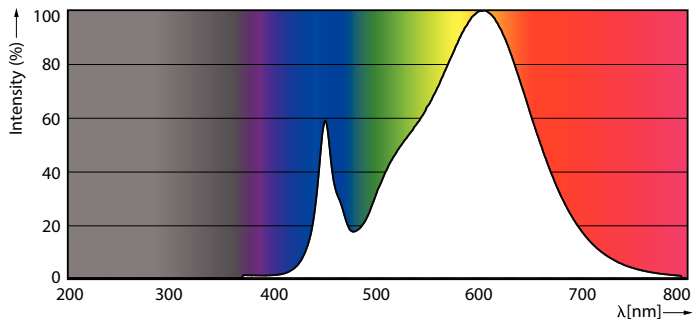
## Dimensional drawing



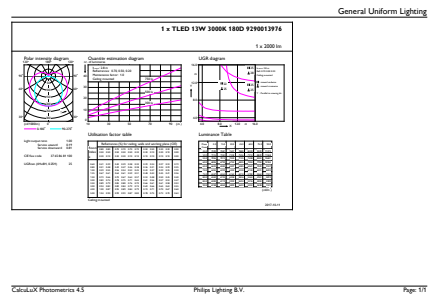
TLED IF MasterClass 4ft 2000lm 3000K

Product	D1	D2	A1	A2	A3
13T8/MAS/48-830/IF20/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data

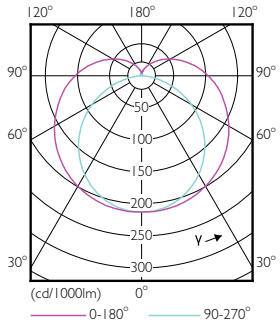


LEDtube 600mm 8W G5 830 1000lm



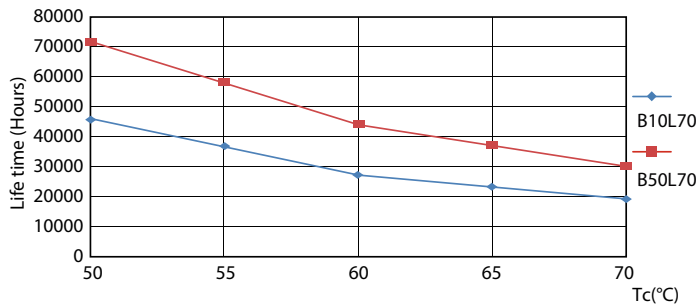
LEDtube 13W G13 830 IF DIM

Photometric data

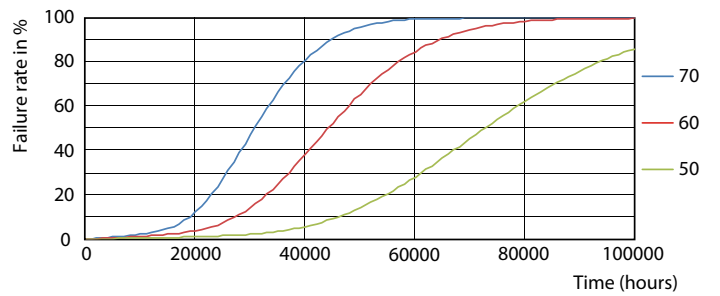


LEDtube 13W G13 2100lm

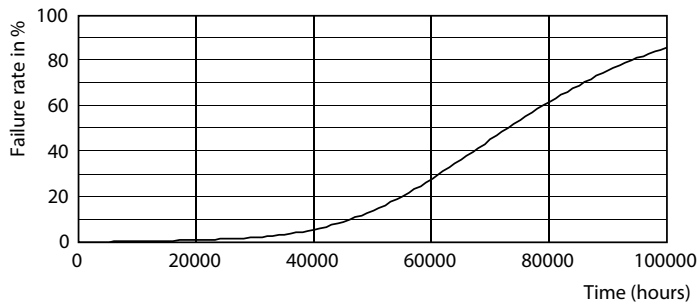
Lifetime



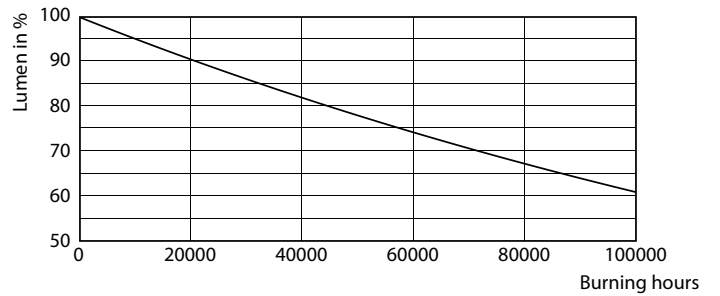
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm



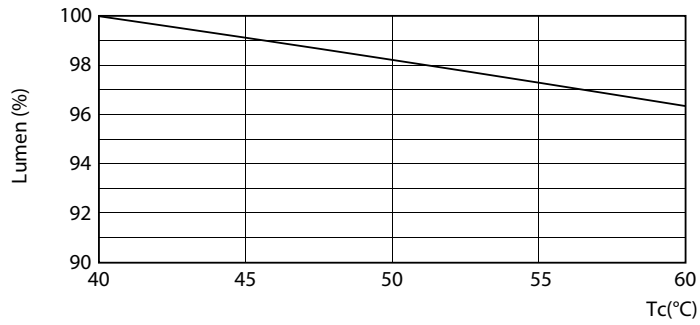
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm

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## Lifetime



LEDtube 13W G13 2100lm

