



# T8

## 14.5T8/MAS/48-830/MF20/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]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Technical Type	14.5-32W
Light Technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	137.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	14.5 W
Lamp Current (Max)	125 mA
Lamp Current (Min)	54 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.8 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 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)	70 °C
Controls and Dimming	
Dimmable	No

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## Mechanical and Housing

Product Length 1200 mm

## Approval and Application

Energy Saving Product Yes  
 Approbation Marks RoHS compliance UL certificate DLC compliance

## Product Data

Order product name 14.5T8/MAS/48-830/MF20/P 10/1

EAN/UPC - Product 046677557386

Order code 557389

Numerator - Quantity Per Pack 1

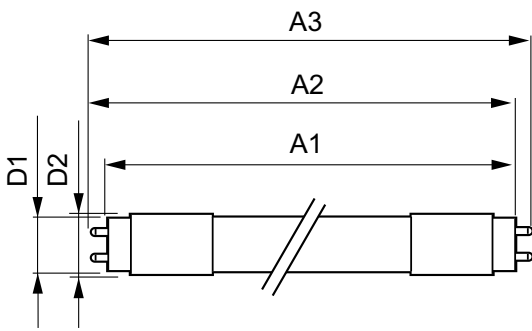
Numerator - Packs per outer box 10

Material Nr. (12NC) 929002325404

Net Weight (Piece) 0.120 kg

Model Number 9290023254

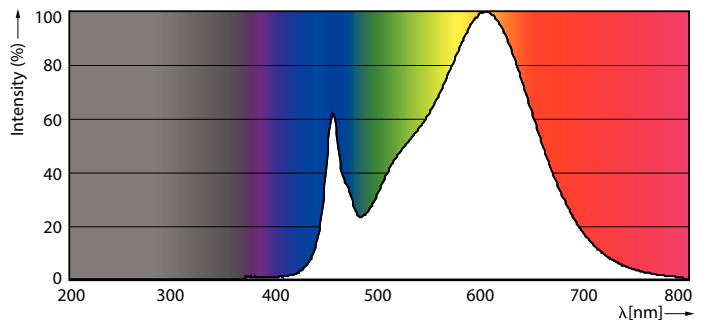
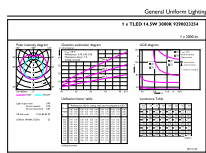
## Dimensional drawing



TLED T8 120-277V 14.5-32W 2000lm 3000K

Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-830/MF20/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

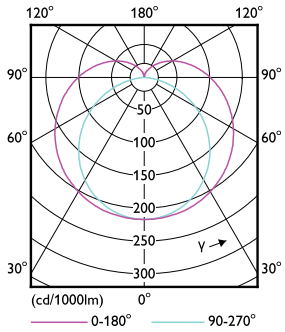
## Photometric data



LEDtube\_14.5W\_G13\_830-GUL

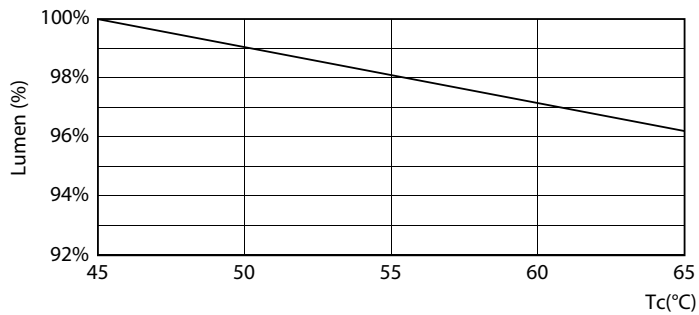
LEDtube\_G13\_830-POC

Photometric data

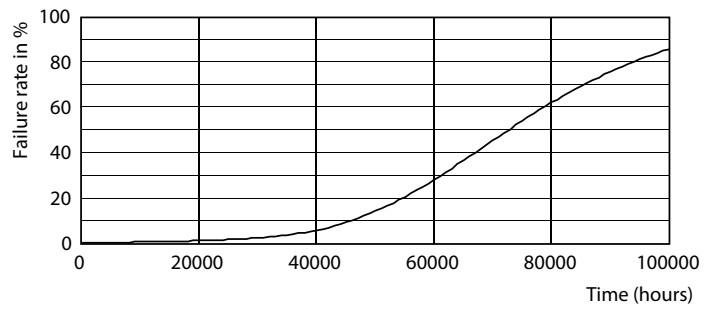


LEDtube\_G13\_1-LDD

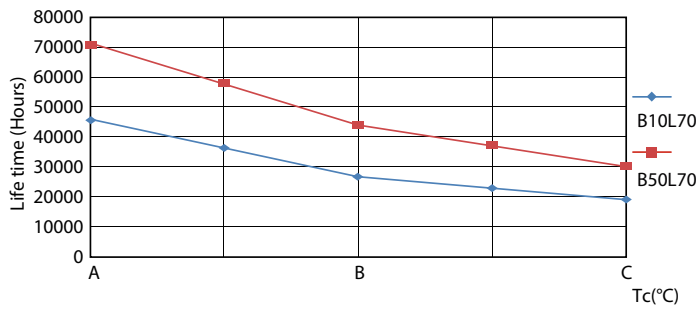
Lifetime



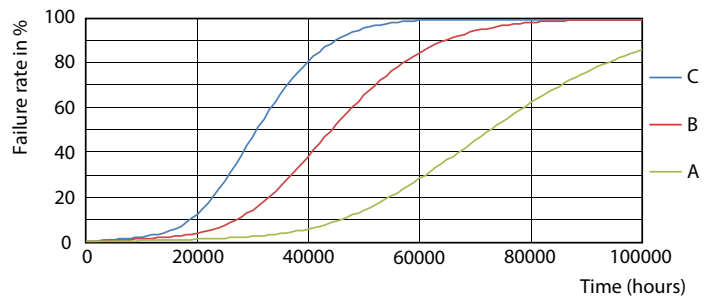
LEDtube\_70K\_1\_LumenVsTc-LMP



LEDtube\_70K-LED

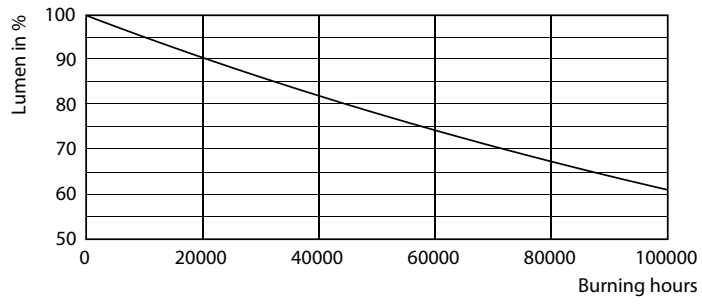


LEDtube\_70K\_LifetimeVsTc-LED



LEDtube\_70K\_FailureRate-LED

Lifetime



LEDtube\_70K-LMP

