



# T8

## 8.9T8/MAS/48-830/IF15/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		Power (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Power (Nom)	8.9 W
EU RoHS compliant	Yes	Lamp Current (Max)	300 mA
Nominal Lifetime (Nom)	70000 h	Lamp Current (Min)	90 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
Technical Type	8.9-32W	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		UL Type	Type A - works on ballast
Color Code	830 [ CCT of 3000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	180 °	Voltage (Nom)	120-277, 347 V
Luminous Flux (Nom)	1500 lm	Temperature	
Color Designation	White (WH)	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	3000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	168.00 lm/W	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)	50 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
Operating and Electrical		Dimmable	Yes
Input Frequency	20K to 120K Hz		

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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1200 mm
Bulb Shape	Tube, double-ended

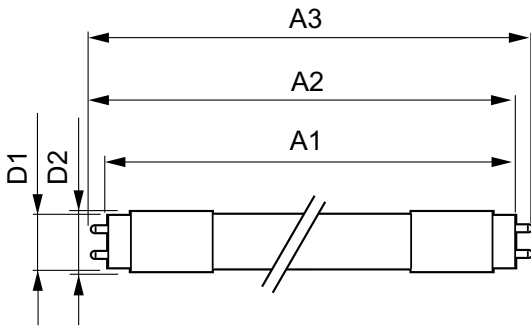
## Approval and Application

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

## Product Data

Order product name	8.9T8/MAS/48-830/IF15/P/DIM 10/1
EAN/UPC - Product	046677565589
Order code	929003025304
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003025304
Net Weight (Piece)	0.220 kg
Model Number	9290030253

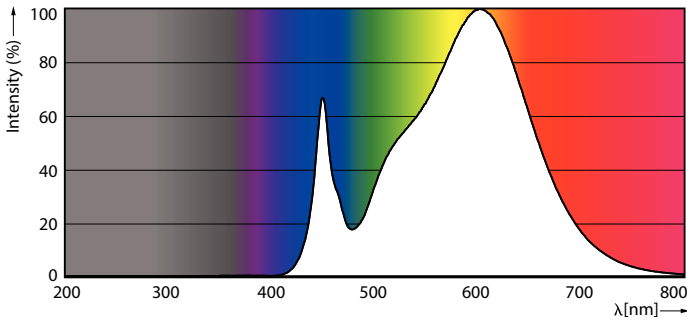
## Dimensional drawing



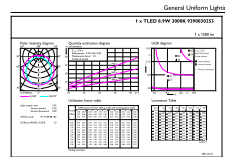
TLED T8 HFV 8.9-32W 1500lm 3000K G13

Product	D1	D2	A1	A2	A3
8.9T8/MAS/48-830/IF15/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data

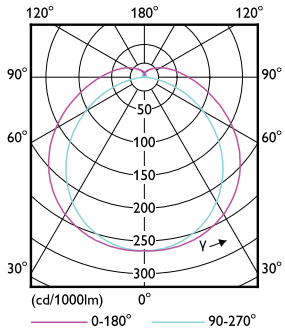


LEDtube MAS 8,9W G13 1500lm 830



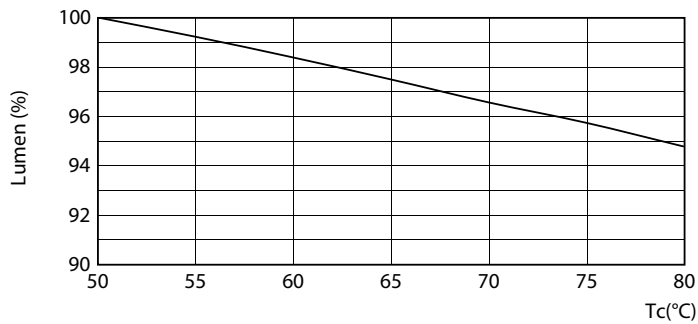
LEDtube MAS 8,9W G13 1500lm 830

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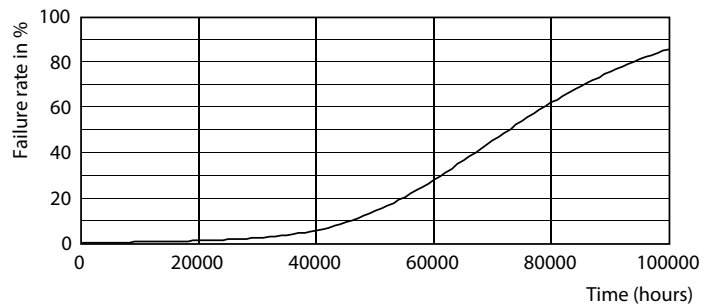


LEDtube MAS 8,9W G13 1500lm

Lifetime



LEDtube MAS 8,9W 70K LumenVsTc



LEDtube\_70K-LED



LEDtube\_70K\_LifetimeVsTc-LED



LEDtube\_70K\_FailureRate-LED

# T8

## Lifetime



LEDtube\_70K-LMP

