



# T8

## 14.5T8/MAS/48-850/MF21/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	
Cap-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	850 [ CCT of 5000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Color Designation	Daylight [ Daylight]
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	<5
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)	0.11 s
UL Type	Type B - bypass the ballast
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

# T8

## Controls and Dimming

Dimmable	No
----------	----

## Mechanical and Housing

Product Length	1200 mm
----------------	---------

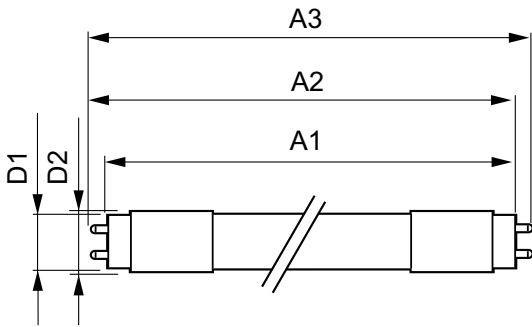
## Approval and Application

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	14.5T8/MAS/48-850/MF21/P 10/1
EAN/UPC - Product	046677557416
Order code	557413
Local order code	.
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325704
Net Weight (Piece)	0.120 kg

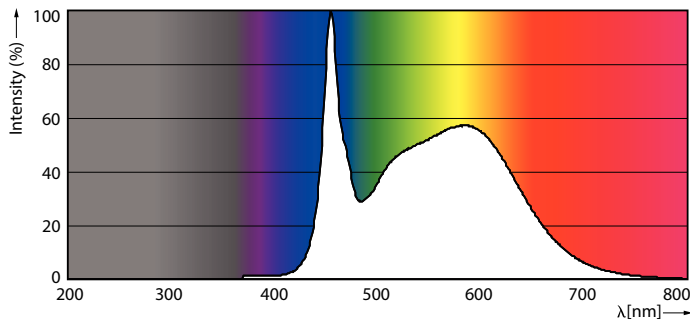
## Dimensional drawing



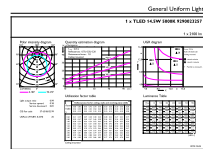
TLED T8 120-277V 14.5-32W 2100lm 5000K

Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-850/MF21/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data

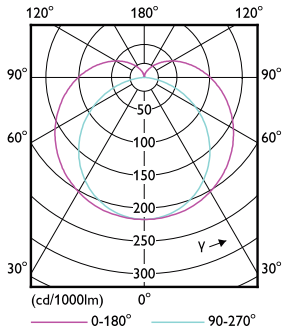


LEDtube\_G13\_850-POC



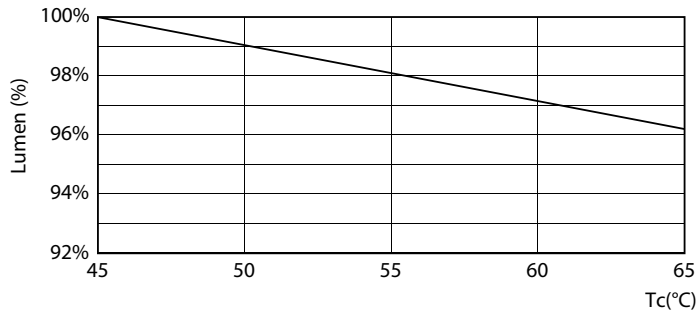
LEDtube\_14.5W\_G13\_850-GUL

Photometric data

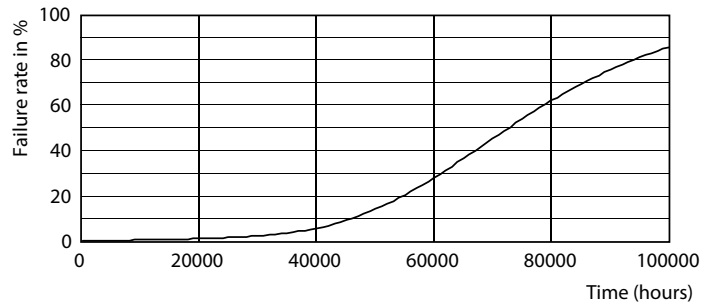


LEDtube\_G13\_1-LDD

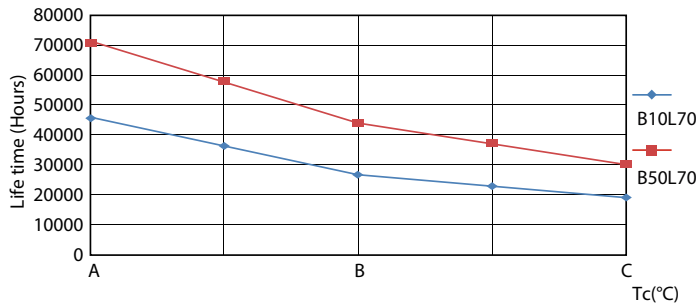
Lifetime



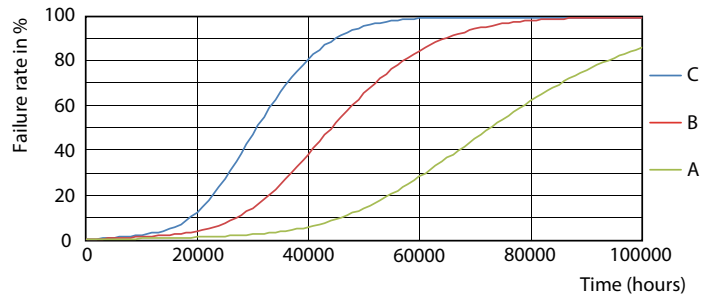
LEDtube\_70K\_1\_LumenVsTc-LMP



LEDtube\_70K-LDD



LEDtube\_70K\_LifetimeVsTc-LED



LEDtube\_70K\_FailureRate-LED

# T8

## Lifetime



LEDtube\_70K-LMP

