

# T8

## 13T8/MAS/48-840/IF21/P/DIM 25/1

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
Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	2100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161.00 lm/W
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
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)	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

**Mechanical and Housing**

Product Length	1200 mm
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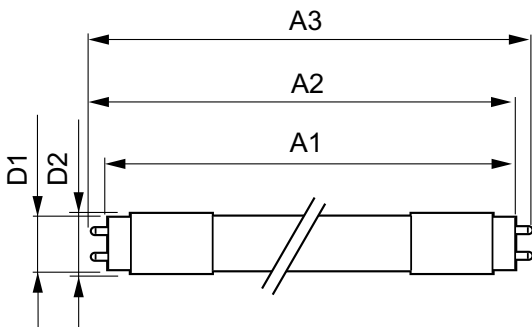
**Approval and Application**

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

**Product Data**

Order product name	13T8/MAS/48-840/IF21/P/DIM 25/1
EAN/UPC - Product	046677540791
Order code	929001397864
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929001397864
Net Weight (Piece)	0.230 kg

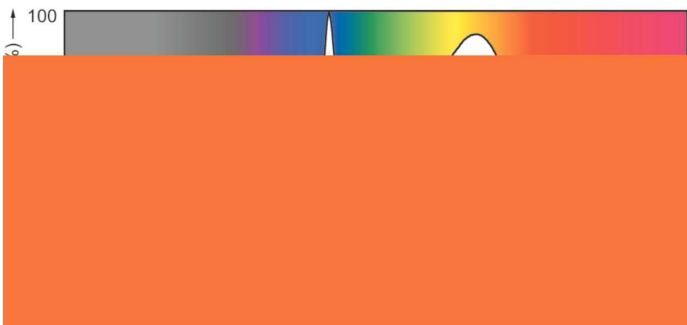
**Dimensional drawing**



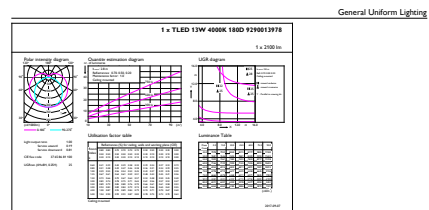
TLED IF MasterClass 4ft 2100lm 4000K

Product	D1	D2	A1	A2	A3
13T8/MAS/48-840/IF21/P/DIM 25/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

**Photometric data**

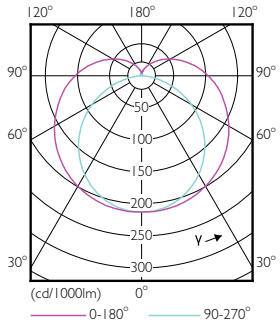


LEDtube 13W G13 2100lm



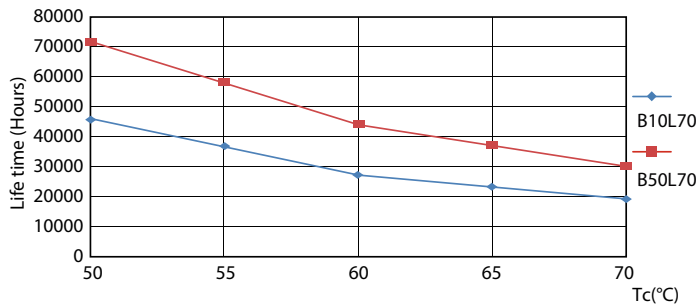
LEDtube 13W G13 2100lm

Photometric data

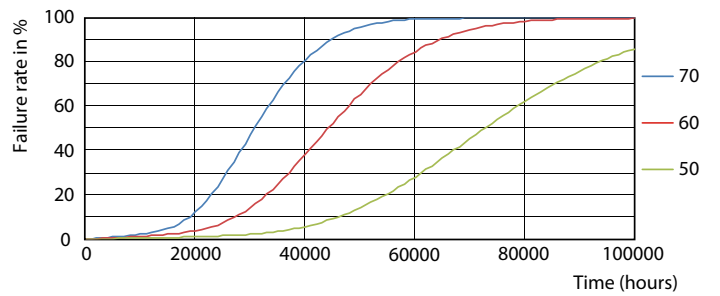


LEDtube 13W G13 2100lm

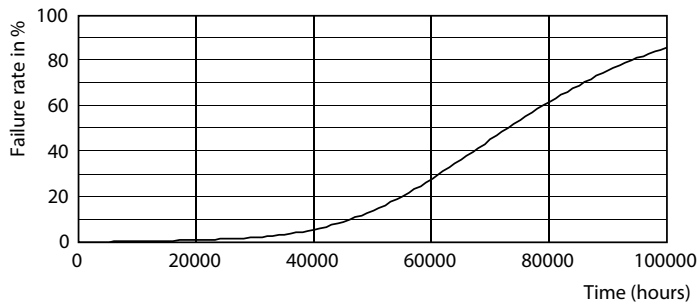
Lifetime



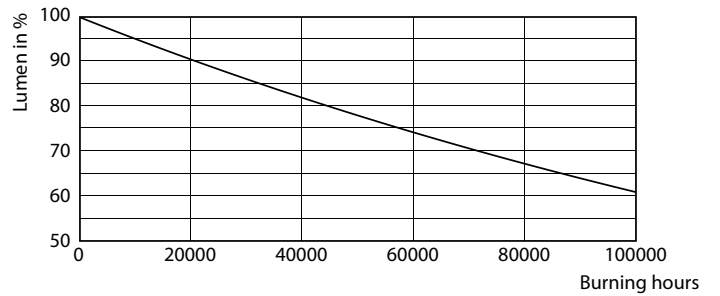
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm



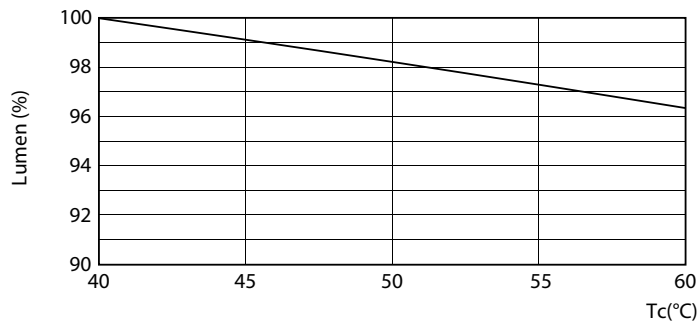
LEDtube 13W G13 2100lm



LEDtube 13W G13 2100lm

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## Lifetime



LEDtube 13W G13 2100lm

