



T8

13T8/MAS/48-840/IF21/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	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	2100 lm
Correlated Color Temperature (Nom)	4000 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 (Rated) (Nom)	13 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s

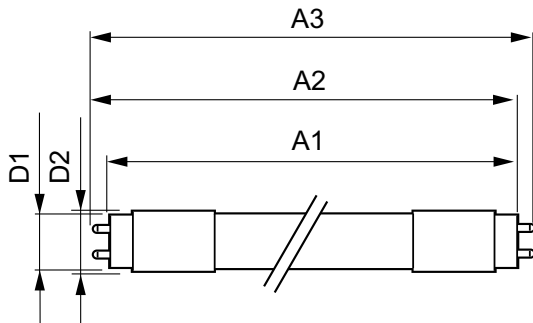
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	277 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes

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Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Certifications	DLC Standard
Product Data	
Order product name	13T8/MAS/48-840/IF21/P/DIM 10/1
EAN/UPC - Product	046677473945
Order code	473942

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001397834
Net Weight (Piece)	0.220 kg
Model Number	9290013978B

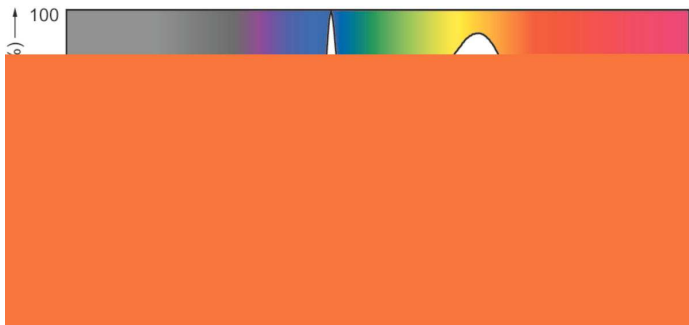
Dimensional drawing



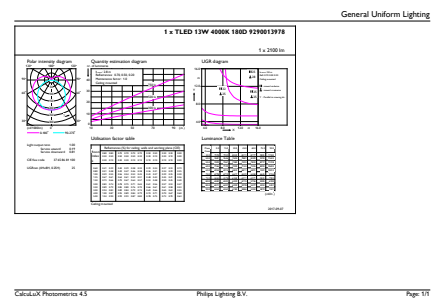
TLED IF MasterClass 4ft 2100lm 4000K

Product	D1	D2	A1	A2	A3
13T8/MAS/48-840/IF21/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

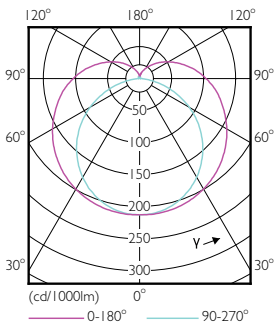
Photometric data



LEDtube 13W G13 2100lm

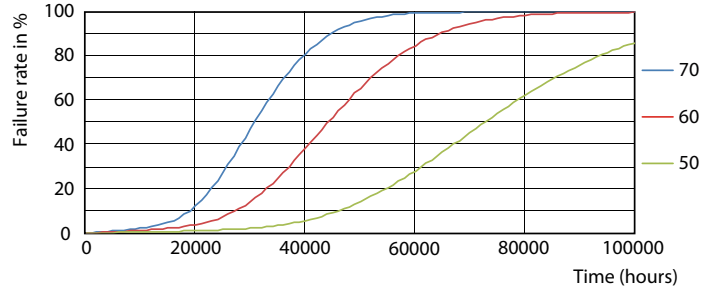
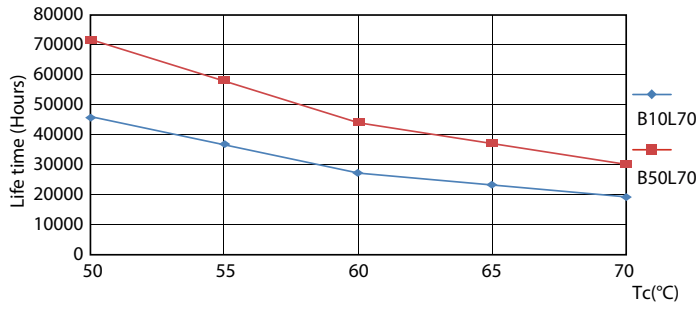


LEDtube 13W G13 2100lm



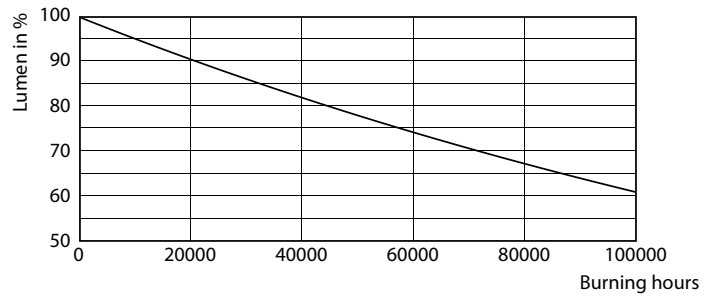
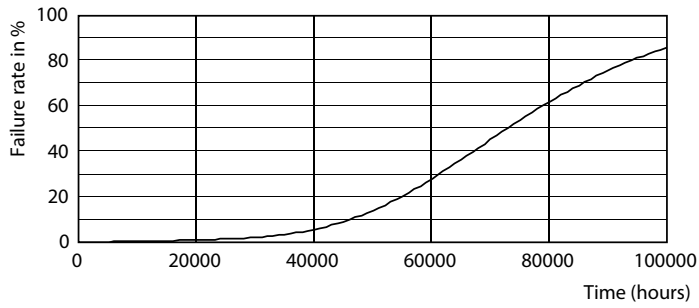
LEDtube 13W G13 2100lm

Lifetime



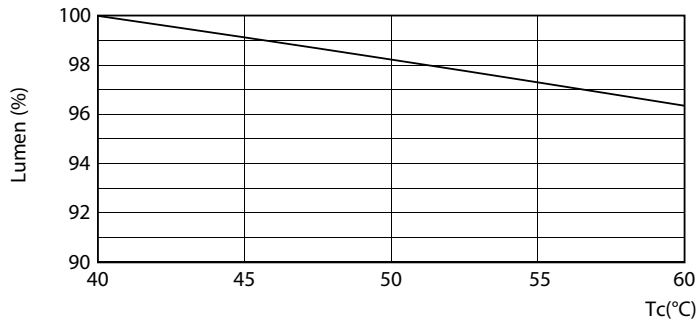
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