



T8

12T8/MAS/48-840/MF18/G 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)	50000 h
Switching Cycle	50000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1800 lm
Correlated Color Temperature (Nom)	4000 K
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)	12 W
Lamp Current (Max)	120 mA
Lamp Current (Min)	40 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 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
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
Product Data	
Order product name	12T8/MAS/48-840/MF18/G 10/1
EAN/UPC - Product	046677532697
Order code	532697

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001877034
Net Weight (Piece)	0.215 kg
Model Number	9290018770A

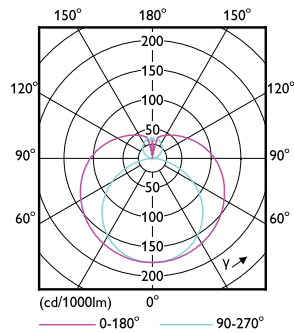
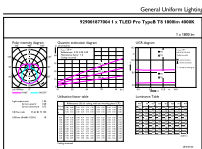
Dimensional drawing

A3

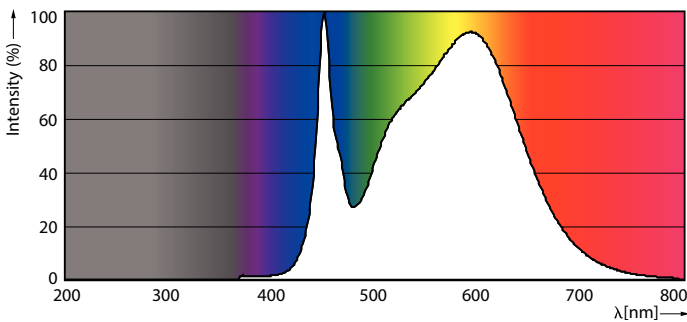
Product	D1	D2	A1	A2	A3
12T8/MAS/48-840/MF18/G 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Performance TypeB 1800lm 12W

Photometric data



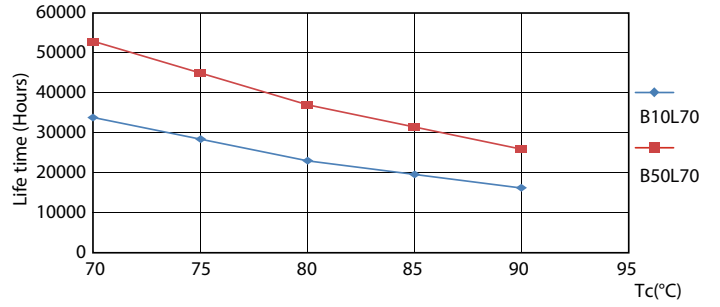
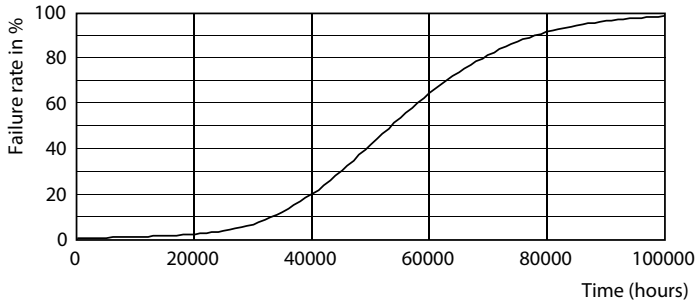
LEDtube PRO 12W G13 840 24D ND



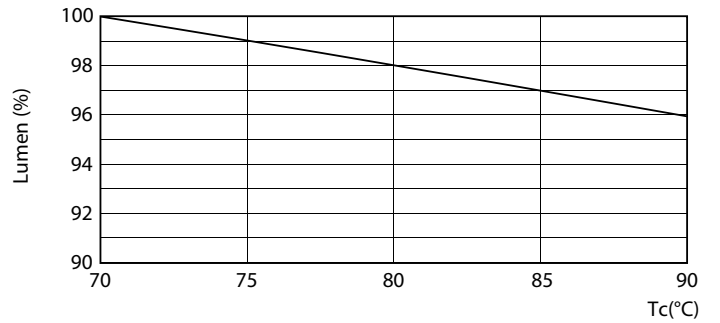
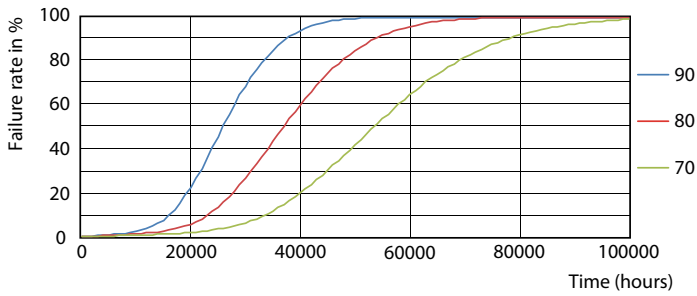
LEDtube PRO 12W G13 840 24D ND

LEDtube PRO 12W G13 830 24D ND

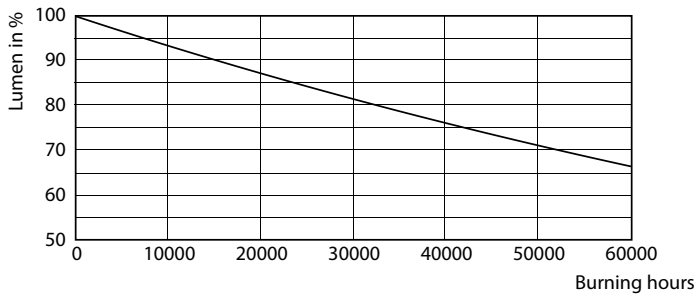
Lifetime



LEDtube PRO 12W G13 830 24D ND



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