



T8

8.9T8/MAS/48-840/IF16/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 (Rated) (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]		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	841 [CCT of 4100K (841)]	Power Factor (Nom)	0.9
Beam Angle (Nom)	180 °	Voltage (Nom)	120-277, 347 V
Initial lumen (Nom)	1600 lm	Temperature	
Color Designation	Cool White (CW)	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	4000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	179.00 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		

T8

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	48 in
Bulb Shape	Tube, double-ended

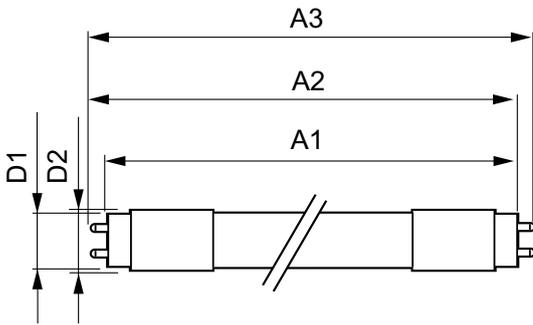
Approval and Application

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

Product Data

Order product name	8.9T8/MAS/48-840/IF16/P/DIM 10/1
EAN/UPC - Product	046677565602
Order code	565606
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003025504
Net Weight (Piece)	0.220 kg
Model Number	9290030255

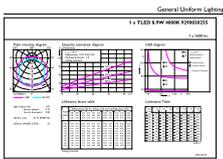
Dimensional drawing



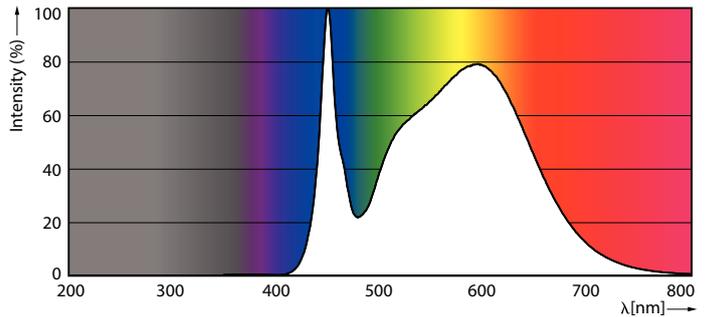
TLED T8 HFV 8.9-32W 1600lm 4000K G13

Product	D1	D2	A1	A2	A3
8.9T8/MAS/48-840/IF16/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data

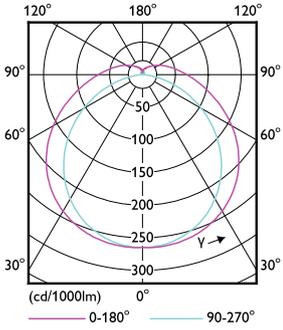


LEDtube MAS 8,9W G13 1600lm 840



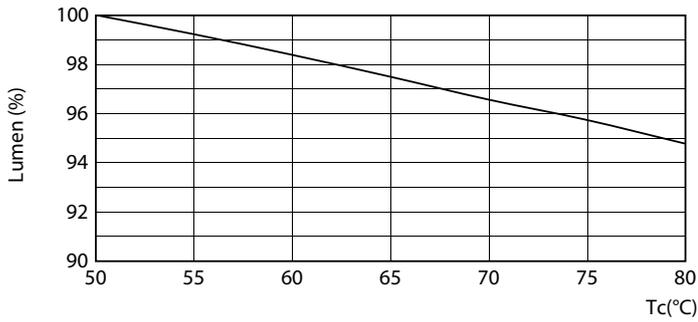
LEDtube MAS 8,9W G13 1600lm 840

Photometric data

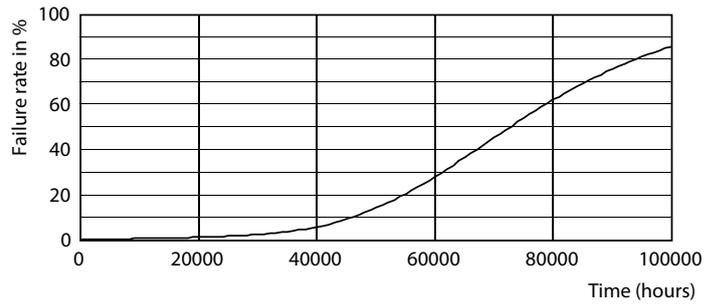


LEDtube MAS 8,9W G13 1500lm

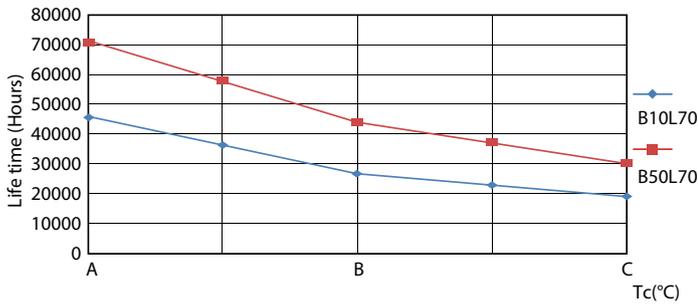
Lifetime



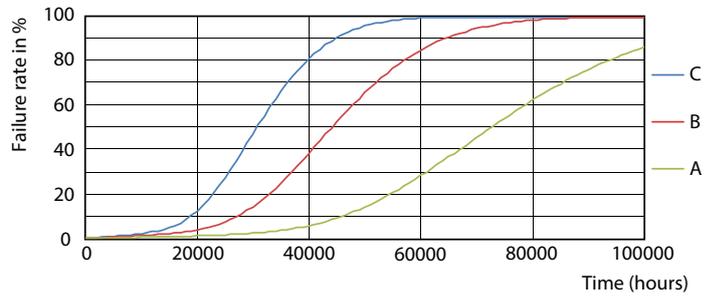
LEDtube MAS 8,9W 70K LumenVsTc



LEDtube_70K-LED



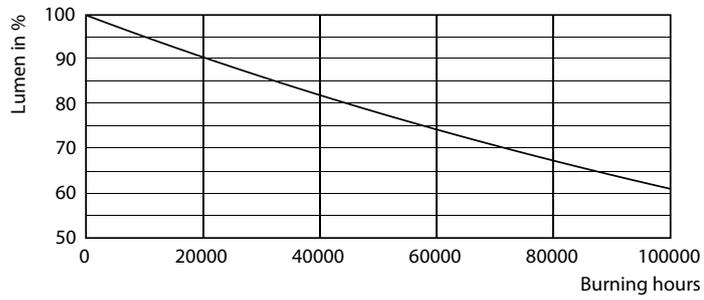
LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

T8

Lifetime



LEDtube_70K-LMP

