



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		

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Mechanical and Housing

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

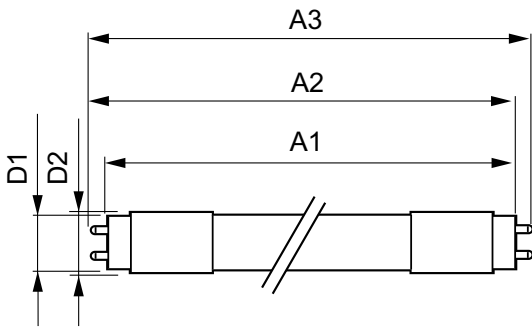
Approval and Application

Energy Saving Product	Yes
Approval 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

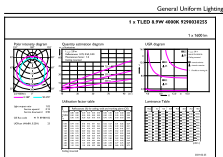
Dimensional drawing



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

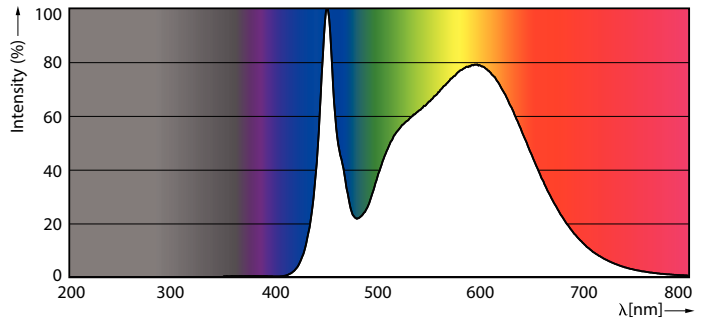
Product	D1	D2	A1	A2	A3
8.9T8/MAS/48-840/IF16/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data



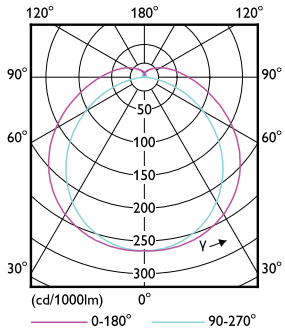
General Uniform Lighting
1 x TLED 8.9W MAS 1600lm 840
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LEDtube MAS 8,9W G13 1600lm 840



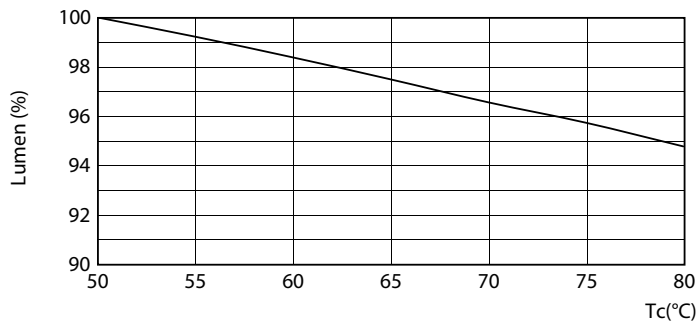
LEDtube MAS 8,9W G13 1600lm 840

Photometric data

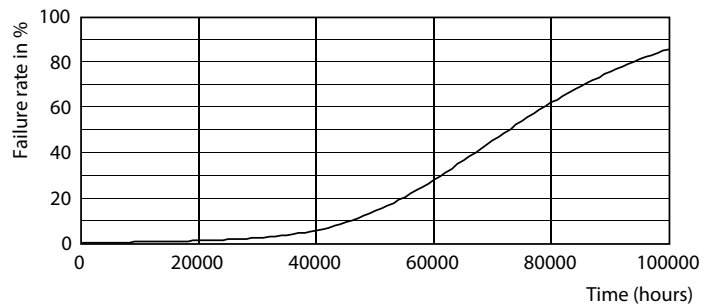


LEDtube MAS 8,9W G13 1500lm

Lifetime



LEDtube MAS 8,9W 70K LumenVsTc



LEDtube_70K-LED



LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

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Lifetime



LEDtube_70K-LMP

