



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.

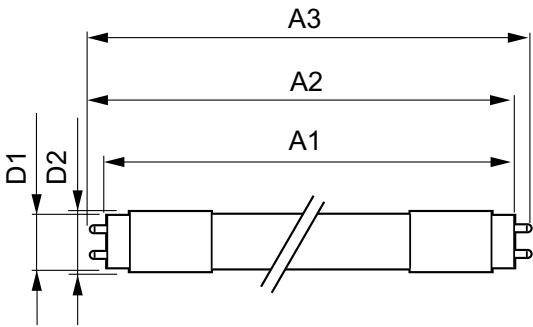
Product data

General Information		Power (Rated) (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	300 mA
EU RoHS compliant	Yes	Lamp Current (Min)	90 mA
Nominal Lifetime (Nom)	70000 h	Starting Time (Nom)	0.5 s
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	0.5 s
Technical Type	8.9-32W	UL Type	Type A - works on ballast
Light Technical		Power Factor (Nom)	0.9
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)	120-277, 347 V
Beam Angle (Nom)	180 °	Temperature	
Initial lumen (Nom)	1600 lm	T-Ambient (Max)	45 °C
Color Designation	Cool White (CW)	T-Ambient (Min)	-20 °C
Correlated Color Temperature (Nom)	4000 K	T-Storage (Max)	65 °C
Luminous Efficacy (rated) (Nom)	179.00 lm/W	T-Storage (Min)	-40 °C
Color Consistency	<6	T-Case Maximum (Nom)	50 °C
Color Rendering Index (Nom)	80	Controls and Dimming	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable	Yes
Operating and Electrical			
Input Frequency	20K to 120K Hz		

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

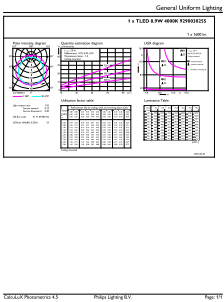
Dimensional drawing



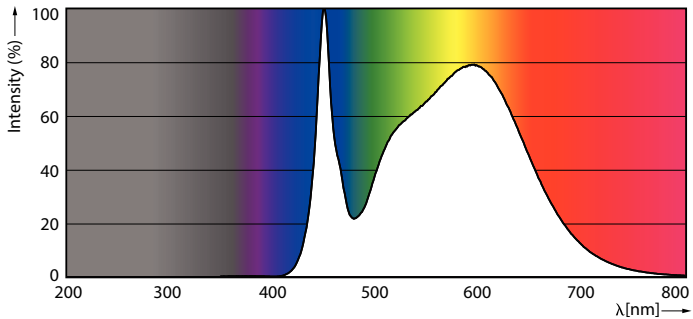
TLED T8 HFV 8.9-32W 1600lm 4000K G13

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

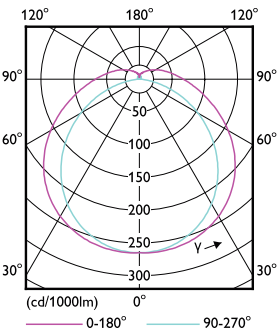


LEDtube MAS 8,9W G13 1600lm 840



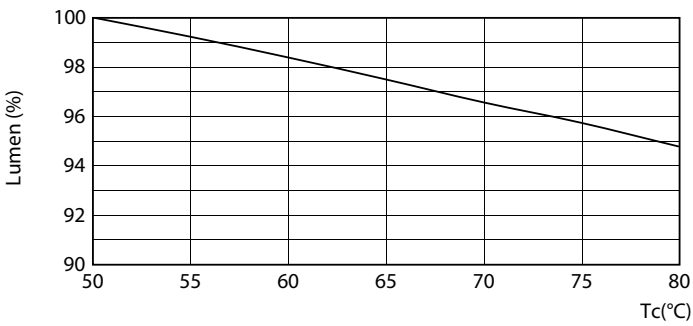
LEDtube MAS 8,9W G13 1600lm 840

Photometric data

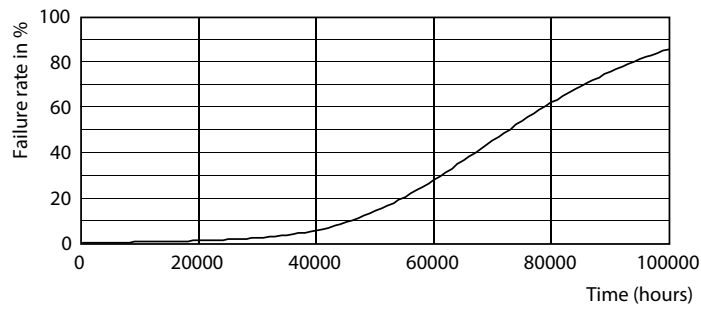


LEDtube MAS 8,9W G13 1500lm

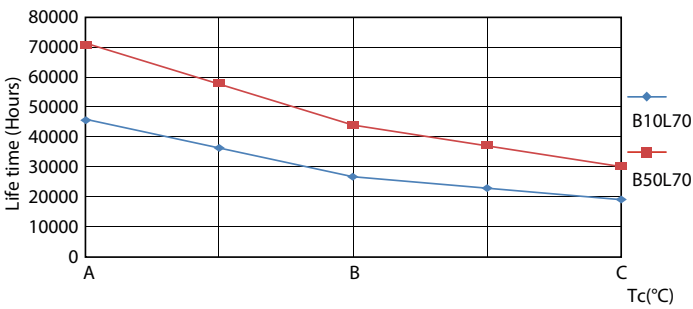
Lifetime



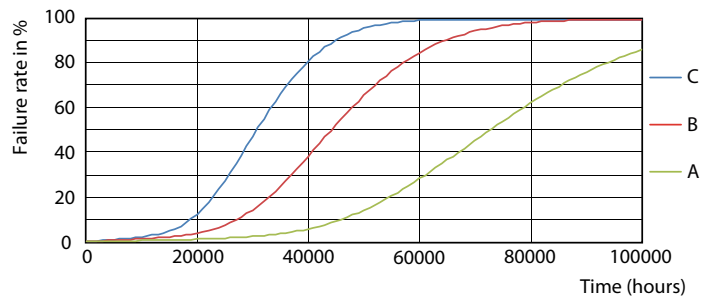
LEDtube MAS 8,9W 70K LumenVsTc



LEDtube_70K-LED

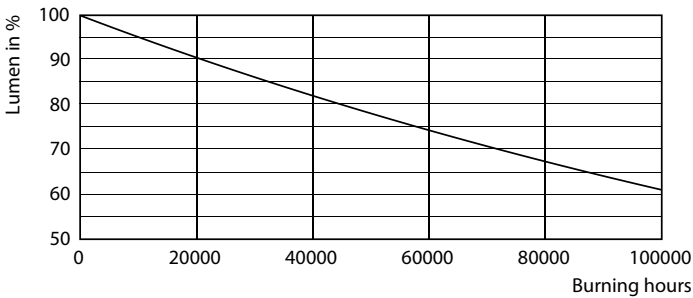


LEDtube_70K_LifetimeVsTc-LED



LEDtube_70K_FailureRate-LED

Lifetime



LEDtube_70K-LMP

