



# T8

## 9.5T8/MAS/48-850/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		Input Frequency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Input Frequency	50 to 60 Hz
Nominal lifetime	70,000 hour(s)	Power Consumption	9.5 W
Switching Cycle	50,000	Starting Time (Nom)	0.5 s
Lighting Technology	LED	Warm-up time to 60% light	0.5 s
EU RoHS compliant	Yes	Power Factor (Fraction)	0.9
		Voltage (Nom)	120-277, 347 V
		UL Type	Type A - works on ballast
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	Ambient temperature range	-20 °C to 55 °C
Beam Angle (Nom)	180 degree(s)	T-Case Maximum (Nom)	55 °C
Luminous Flux	1,600 lm		
Color Designation	Daylight	Controls and Dimming	
Correlated Color Temperature (Nom)	5000 K	Dimmable	Yes
Luminous Efficacy (rated) (Nom)	168.00 lm/W		
Color Consistency	<5	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Plastic
		Product Length	1,200 mm
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Bulb Shape	T8
<b>Approval and Application</b>	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

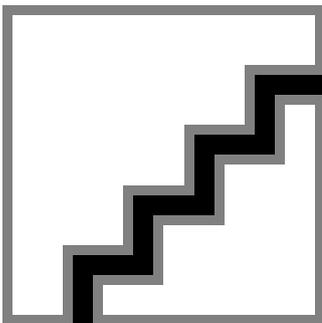
<b>Product Data</b>	
Order product name	9.5T8/MAS/48-850/IF16/P/DIM 10/1

Full product name	9.5T8/MAS/48-850/IF16/P/DIM 10/1
Order code	929002016104
Material Nr. (12NC)	929002016104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677474003
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677474008

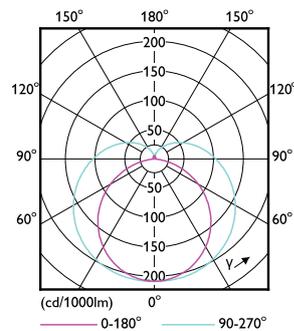
## Dimensional drawing

Product	D1	D2	A1	A2	A3
9.5T8/MAS/48-850/IF16/P/DIM 10/1	25.7 mm	28 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

## Photometric data



Spectral Power Distribution Colour - 9.5T8/MAS/48-850/IF16/P/DIM 10/1

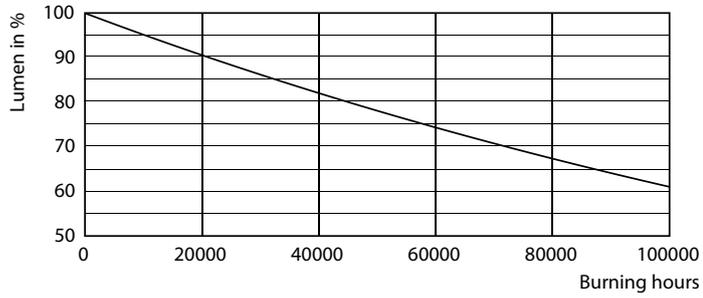


Light Distribution Diagram - 9.5T8/MAS/48-850/IF16/P/DIM 10/1



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## Lifetime



Lumen Maintenance Diagram - 9.5T8/MAS/48-850/IF16/P/DIM 10/1

