



T8

12T8/MAS/48-835/MF17/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

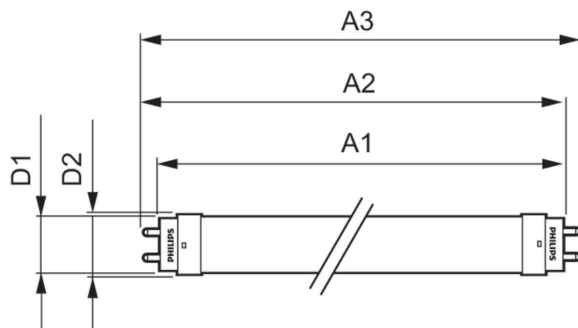
General Information		Temperature	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	12 W
Switching Cycle	50,000	Lamp Current (Max)	120 mA
Lighting Technology	LED	Lamp Current (Min)	40 mA
EU RoHS compliant	Yes	Starting Time (Nom)	0.5 s
Light Technical		Warm-up time to 60% light	0.5 s
Color Code	835 [CCT of 3500K]	Power Factor (Fraction)	0.9
Beam Angle (Nom)	240 degree(s)	Voltage (Nom)	120-277 V
Luminous Flux	1,700 lm	UL Type	Type B - bypass the ballast
Color Designation	White (WH)	Temperature	
Correlated Color Temperature (Nom)	3500 K	Ambient temperature range	-20 °C to 45 °C
Luminous Efficacy (rated) (Nom)	141.00 lm/W	T-Case Maximum (Nom)	70 °C
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Bulb Finish	Frosted
Line Frequency	50 to 60 Hz	Bulb Material	Glass

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Product Length	1,200 mm
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	12T8/MAS/48-835/MF17/G 10/1

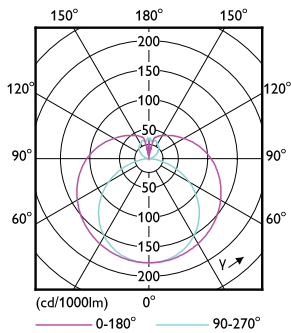
Full product name	12T8/MAS/48-835/MF17/G 10/1
Order code	929001876934
Material Nr. (12NC)	929001876934
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677532680
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677532685

Dimensional drawing

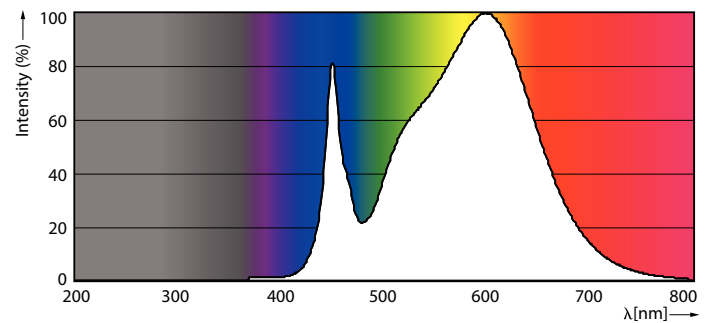


Product	D1	D2	A1	A2	A3
12T8/MAS/48-835/MF17/G 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



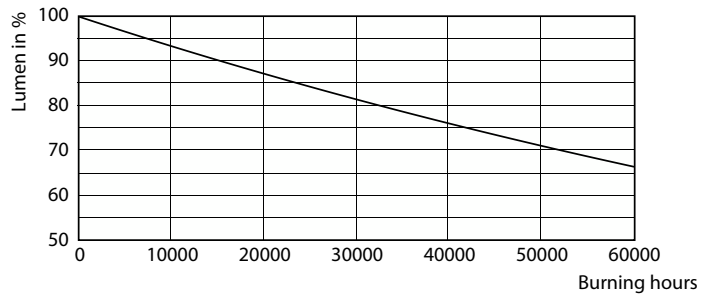
Light Distribution Diagram - 12T8/MAS/48-835/MF17/G 10/1



Spectral Power Distribution Colour - 12T8/MAS/48-835/MF17/G 10/1

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Lifetime



Lumen Maintenance Diagram - 12T8/MAS/48-835/MF17/G 10/1

