



MasterClass LEDtube InstantFit T8

7T8/MAS/24-850/IF11/P 10/1

The MasterClass InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. MasterClass TLEDs feature a shatter-resistant polycarbonate construction, 70,000 hour life and a standard 7-year limited warranty. When maximum energy savings and long life are needed, Philips MasterClass TLED are the solution.

Product data

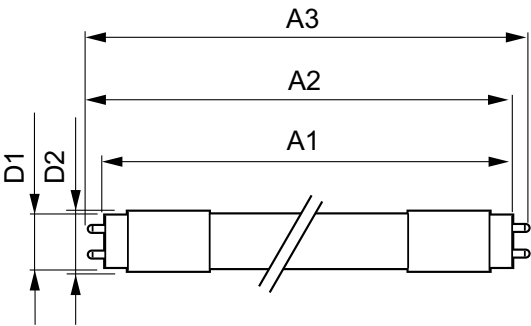
General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	240 mA
Nominal Lifetime (Nom)	70000 h	Lamp Current (Min)	80 mA
Switching Cycle	50000X	Starting Time (Nom)	0.5 s
B50L70	70000 h	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9
		Voltage (Nom)	120-277, 347 V
Light Technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	45 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	1150 lm	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	1150 lm	T-Storage (Min)	-40 °C
Rated Beam Angle	180 °	T-Case Maximum (Nom)	50 °C
Correlated Color Temperature (Nom)	5000 K		
Color Consistency	<5	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical		Mechanical and Housing	
Input Frequency	20K to 120K Hz	Product Length	600 mm
Power (Rated) (Nom)	7 W		

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Approval and Application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
Product Data	
Order product name	7T8/MAS/24-850/IF11/P 10/1

EAN/UPC - Product	046677541842
Order code	541847
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001987204
Net Weight (Piece)	0.080 kg
Model Number	9290019872

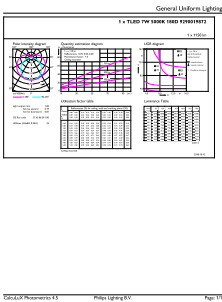
Dimensional drawing



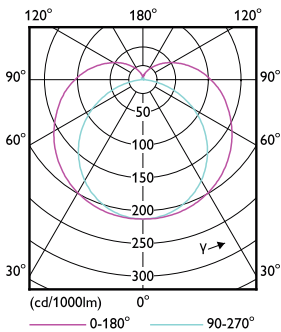
TLED IF MasterClass 2ft 1100lm 5000K

Product	D1	D2	A1	A2	A3
7T8/MAS/24-850/IF11/P 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



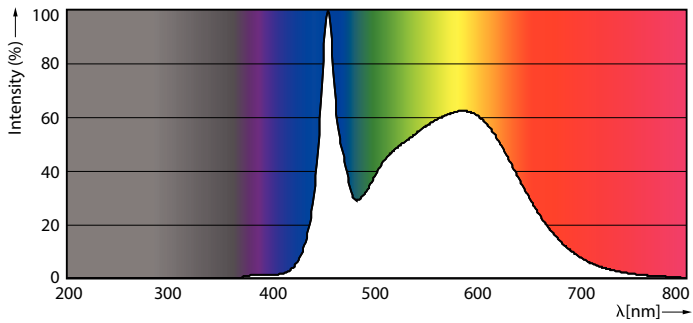
G13 5000K 1150lm



G13 3000K

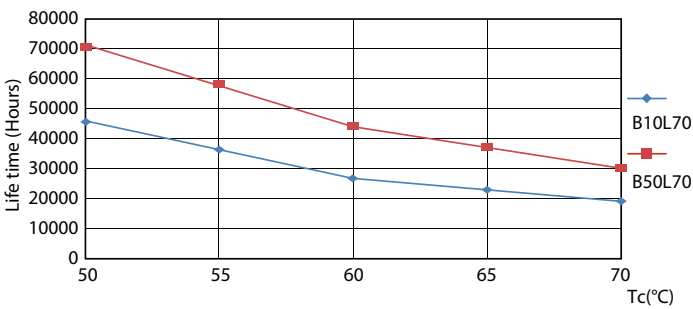
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Photometric data

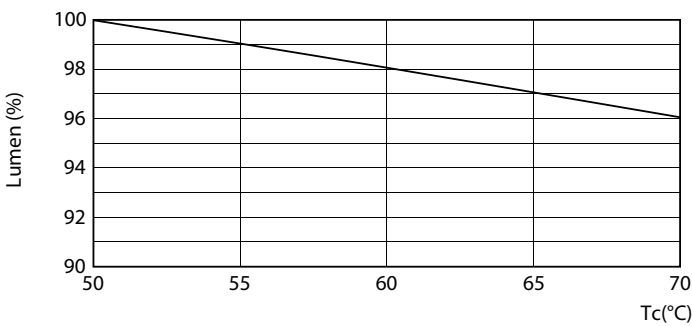


G13 5000K 1150lm

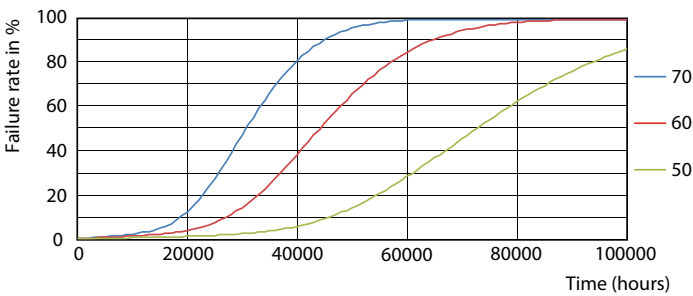
Lifetime



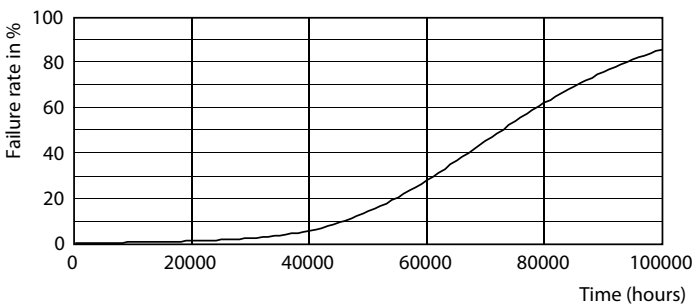
G13 3000K



G13 3000K 1100lm



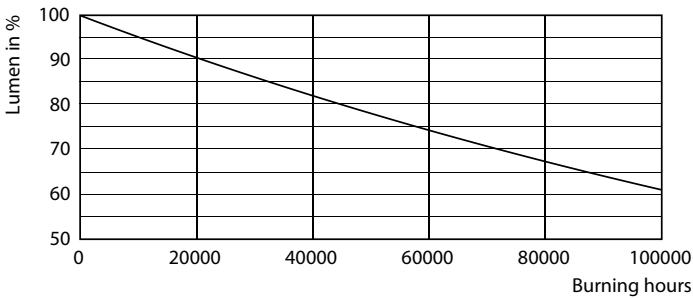
G13 3000K



G13 3000K

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Lifetime



G13 3000K

