



MasterClass LEDtube InstantFit T8

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		Power Factor (Nom)		0.9	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Voltage (Nom)	120-277, 347 V		
Nominal Lifetime (Nom)	70000 h	Temperature			
Switching Cycle	50000X	T-Ambient (Max)	55 °C		
B50L70	70000 h	T-Ambient (Min)	-20 °C		
Light Technical		T-Storage (Max)	65 °C		
Color Code	850 [CCT of 5000K]	T-Storage (Min)	-40 °C		
Beam Angle (Nom)	180 °	T-Case Maximum (Nom)	55 °C		
Initial lumen (Nom)	1600 lm	Controls and Dimming			
Luminous Flux (Rated) (Nom)	1600 lm	Dimmable	No		
Rated Beam Angle	180 °	Mechanical and Housing			
Correlated Color Temperature (Nom)	5000 K	Product Length	1200 mm		
Color Consistency	<5	Approval and Application			
Color Rendering Index (Nom)	80	Energy Saving Product	Yes		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approbation Marks	RoHS compliance UL certificate DLC compliance		
Operating and Electrical					
Input Frequency	50 to 60 Hz				
Power (Rated) (Nom)	9.5 W				
Starting Time (Nom)	0.5 s				
Warm Up Time to 60% Light (Nom)	0.5 s				

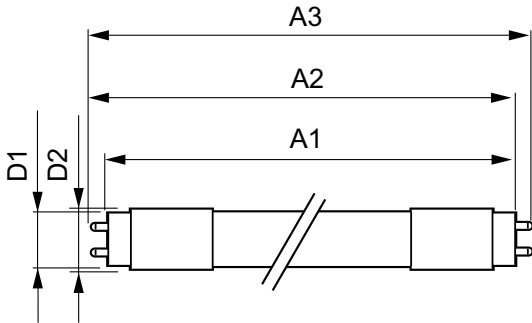
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Product Data

Order product name	9.5T8/MAS/48-850/IF16/P 10/1
EAN/UPC - Product	046677474003
Order code	474007
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929002016104
Net Weight (Piece)	0.220 kg
Model Number	9290020161

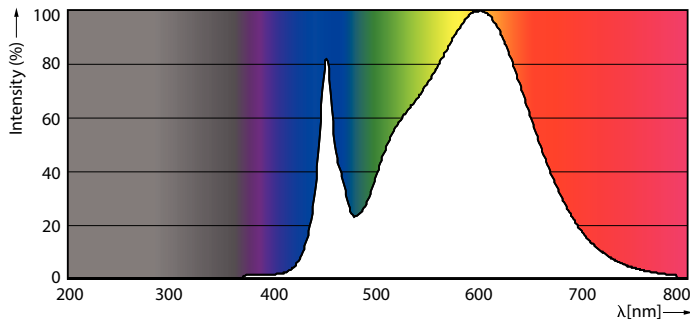
Dimensional drawing



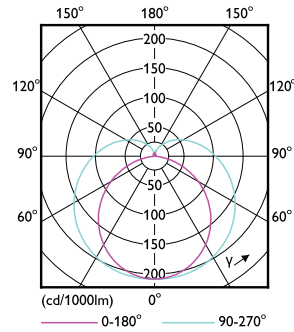
TLED 1200mmT8 120-277 9.5W 1600lm 5000K

Product	D1	D2	A1	A2	A3
9.5T8/MAS/48-850/IF16/P 10/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

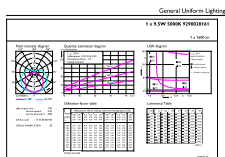
Photometric data



LEDtube 1200mm T8 9,5W 1600lm 5000K



LEDtube 1200mm T8 9,5W

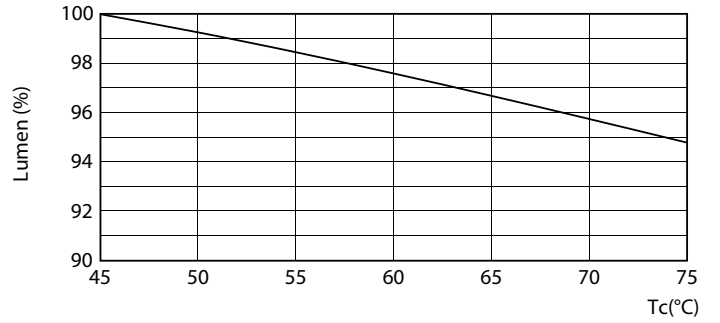
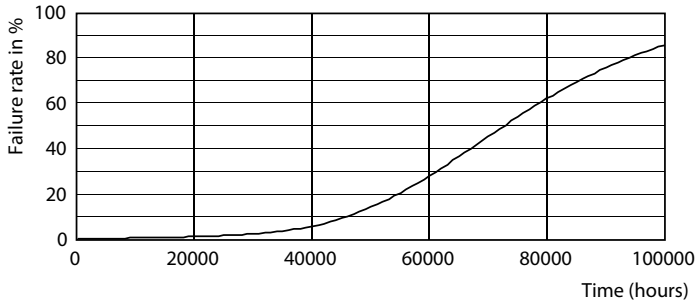


General Uniform Lighting

LEDtube 1200mm T8 9,5W 1600lm 5000K

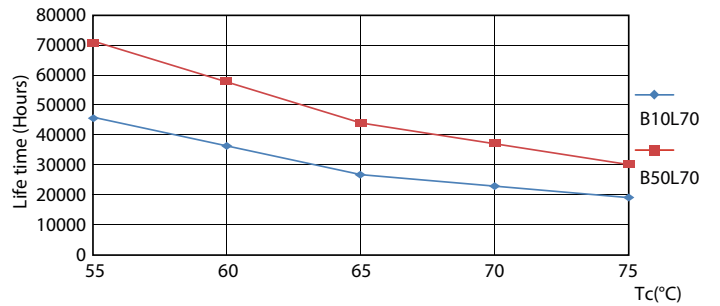
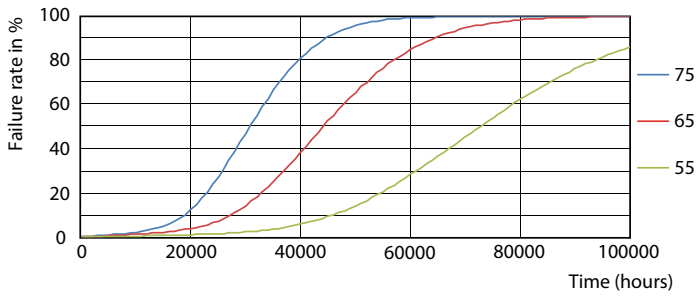
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Lifetime



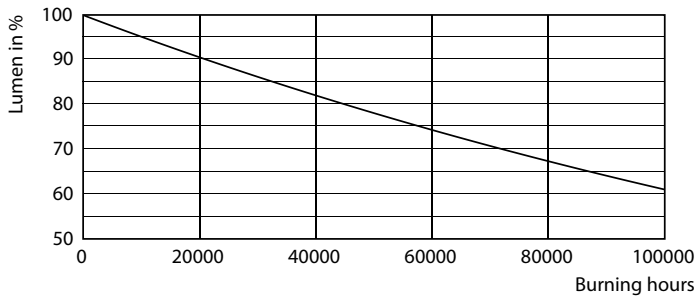
LEDtube 1200mm T8 9,5W

LEDtube 1200mm T8 9,5W LumenVsTc



LEDtube 1200mm T8 9,5W FailureRate

LEDtube 1200mm T8 9,5W LifetimeVsTc



LEDtube 1200mm T8 9,5W

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