



MasterClass LEDtube InstantFit T8

15.5T8/MAS/48-840/IF25/P 25/1

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

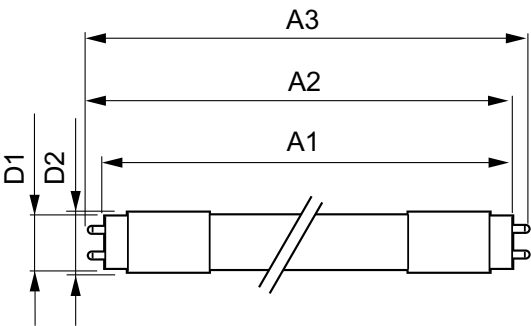
General Information		Starting Time (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	Power Factor (Nom)	0.9
Switching Cycle	50000X	Voltage (Nom)	120-277 V
B50L70	70000 h	Temperature	
Light Technical		T-Ambient (Max)	55 °C
Color Code	841 [CCT of 4100K (841)]	T-Ambient (Min)	-20 °C
Beam Angle (Nom)	180 °	T-Storage (Max)	65 °C
Initial lumen (Nom)	2500 lm	T-Storage (Min)	-40 °C
Luminous Flux (Rated) (Nom)	2500 lm	T-Case Maximum (Nom)	50 °C
Rated Beam Angle	180 °	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color Rendering Index (Nom)	80	Product Length	1200 mm
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Operating and Electrical		Energy Saving Product	Yes
Input Frequency	50 to 60 Hz		
Power (Rated) (Nom)	15.5 W		

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Approbation Marks	RoHS compliance UL certificate DLC compliance
Product Data	
Order product name	15.5T8/MAS/48-840/IF25/P 25/1
EAN/UPC - Product	046677545192
Order code	545194

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002016404
Net Weight (Piece)	0.230 kg
Model Number	9290020164

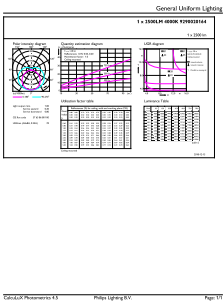
Dimensional drawing



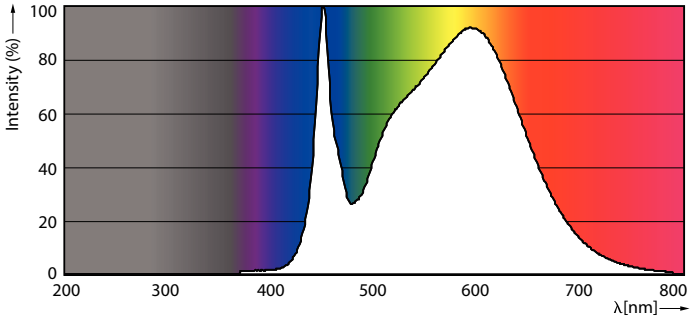
TLED 1200mmT8 120-277 15.5W 2500lm 4000K

Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-840/ IF25/P 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

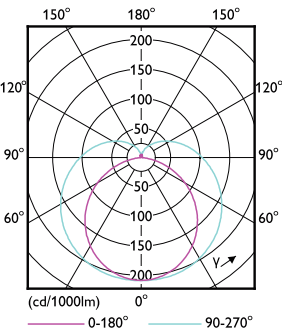
Photometric data



LEDtube 15,5W G13 T8 840



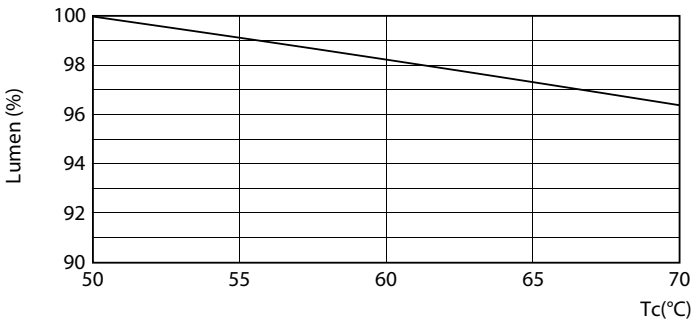
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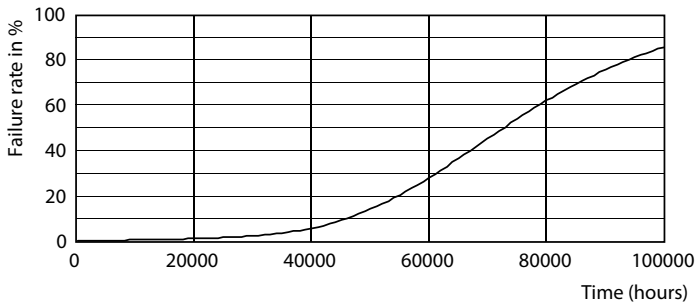
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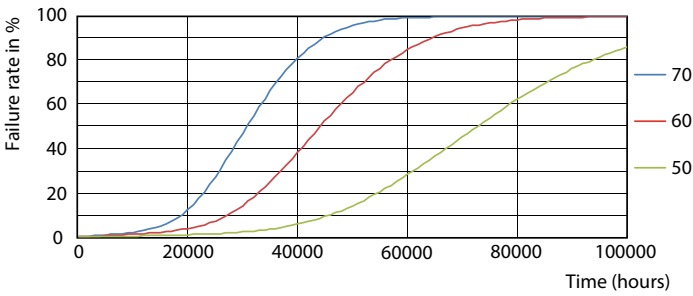
Lifetime



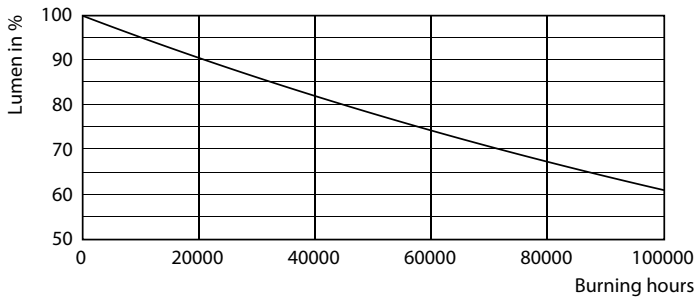
LEDtube 15,5W G13 T8 LumenVsTc



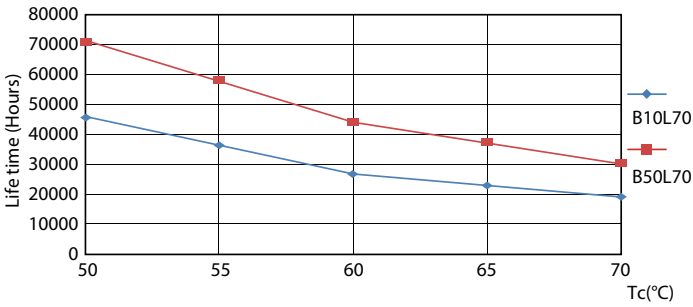
LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 LifetimeVsTc

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