MasterClass LEDtube InstantFit T8

15.5T8/MAS/48-850/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	
Base	G13 [Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h

Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	2500 lm
Luminous Flux (Rated) (Nom)	2500 lm
Rated Beam Angle	180 °
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<5
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	15.5 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1200 mm

Approval and Application	
Energy Saving Product	Yes

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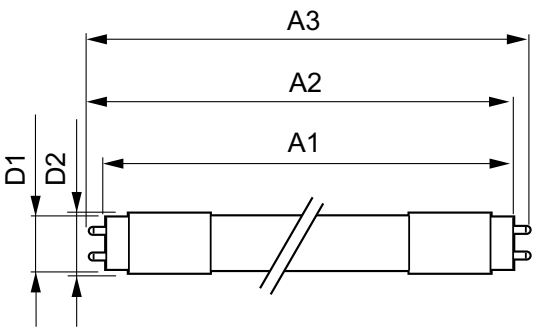
Approbation Marks	RoHS compliance UL certificate DLC compliance

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929002016504
Net Weight (Piece)	0.230 kg
Model Number	9290020165

Product Data

Order product name	15.5T8/MAS/48-850/IF25/P 25/1
EAN/UPC - Product	046677545208
Order code	545200

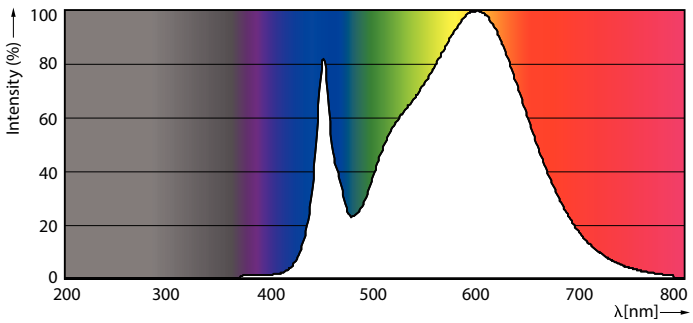
Dimensional drawing



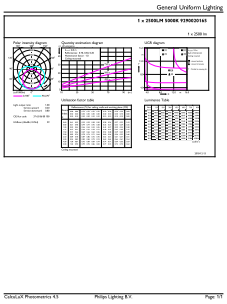
TLED 1200mmT8 120-277 15.5W 2500lm 5000K

Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-850/ IF25/P 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

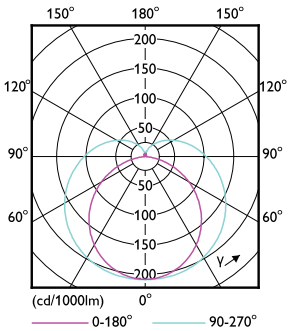
Photometric data



LEDtube 15,5W G13 T8 850



LEDtube 15,5W G13 T8 850



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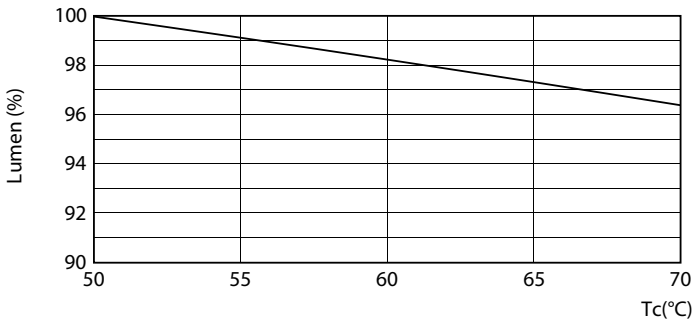
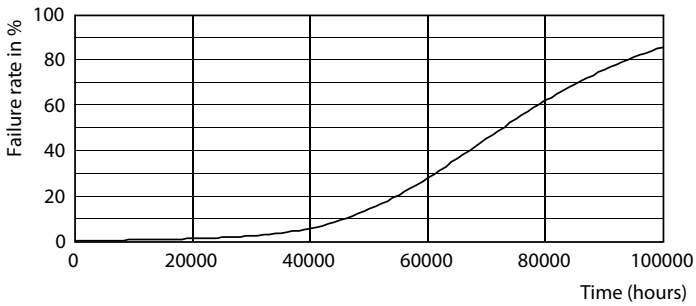
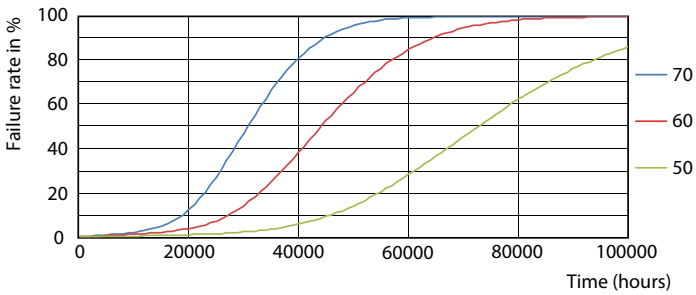
Lifetime



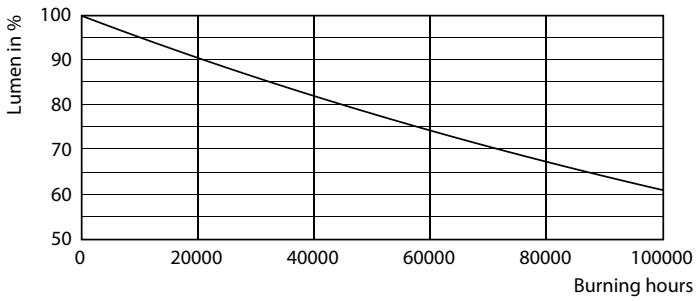
LEDtube 15,5W G13 T8 LumenVsTc



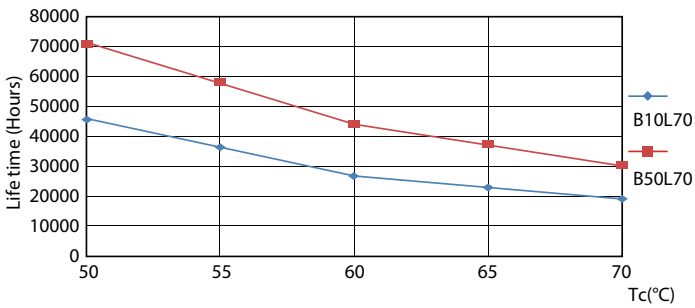
LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 LifetimeVsTc

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