

MasterClass LEDtube InstantFit T8

10T8 LED/48-4000 IF 1PK 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]
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	1600 lm
Luminous Flux (Rated) (Nom)	1600 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	20000-120000 Hz
Power (Rated) (Nom)	10 W
Lamp Current (Max)	340 mA
Lamp Current (Min)	110 mA

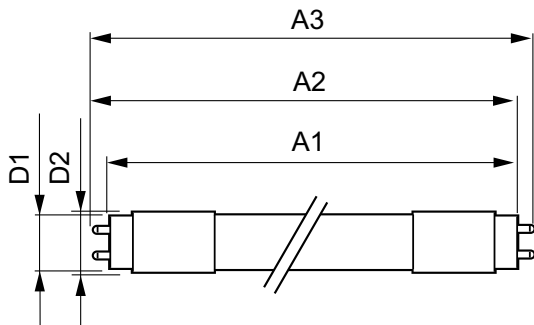
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277V; 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes

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Approbation Marks	UL certificate RoHS compliance DLC compliance
DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
Product Data	
Order product name	10T8 LED/48-4000 IF 1PK 10/1
EAN/UPC - Product	046677473990

Order code	473990
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001397404
Net Weight (Piece)	0.230 kg
Model Number	9290013974

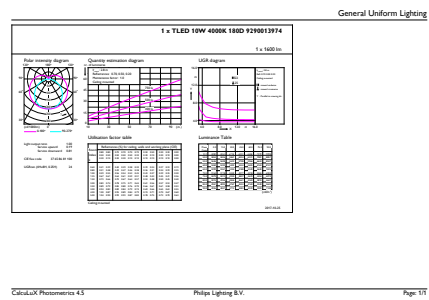
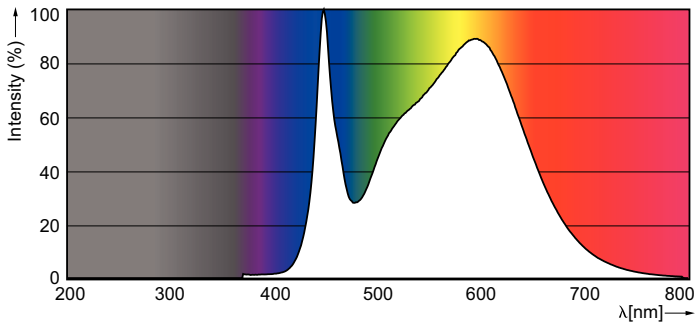
Dimensional drawing



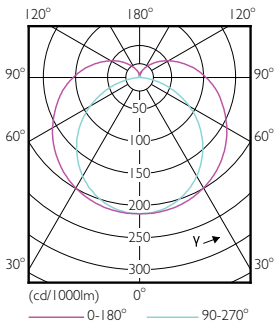
TLED IF MasterClass 4ft 1600lm 4000K

Product	D1	D2	A1	A2	A3
10T8 LED/48-4000 IF 1PK	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10/1					

Photometric data



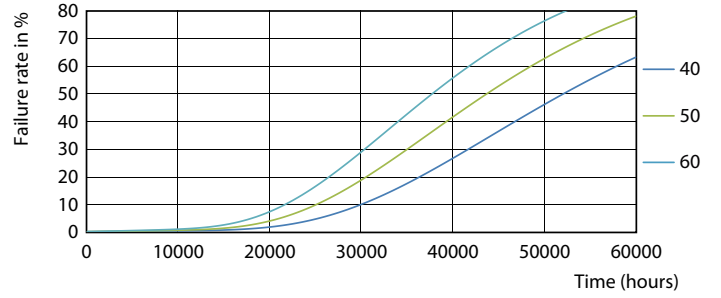
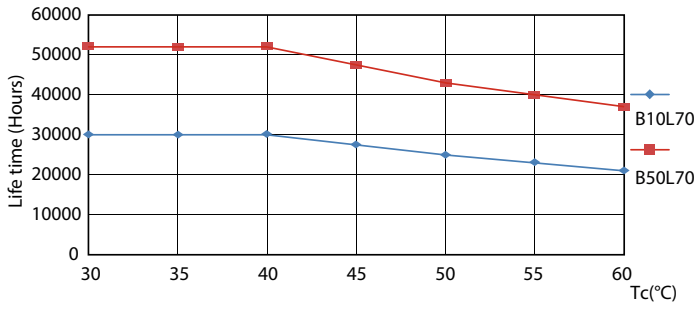
LEDtube 10W G13 840 IF 1PK



LEDtube 10W G13 827 IF 1PK

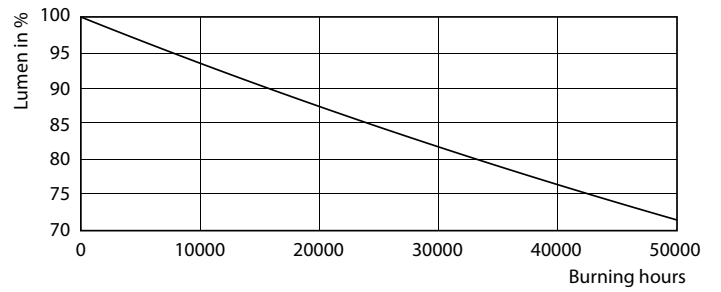
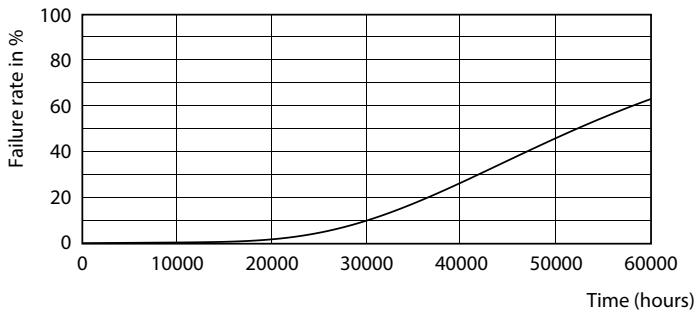
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Lifetime



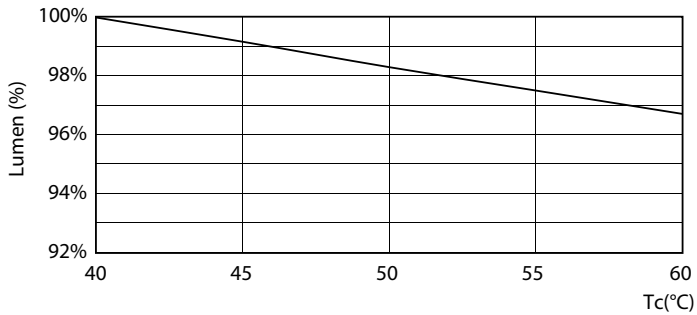
LEDtube 10W G13 827-850 IF 1PK

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