



MasterClass LEDtube InstantFit T8

13T8 LED/48-4000 IF DIM 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]
RoHS mark	RoHS mark
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 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)	13 W
Lamp Current (Max)	400 mA

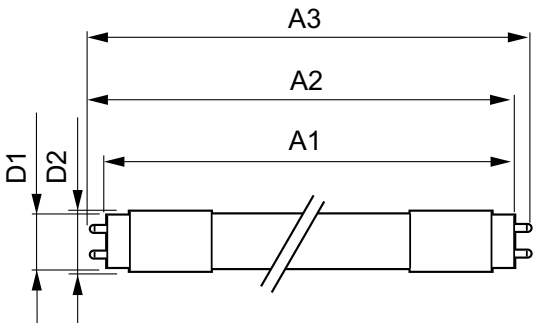
Lamp Current (Min)	130 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277V; 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Product Length	1200 mm

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Approval and Application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Product Data	
Order product name	13T8 LED/48-4000 IF DIM 1PK 10/1
EAN/UPC - Product	046677473945

Order code	473942
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001397804
Net Weight (Piece)	0.230 kg
Model Number	9290013978

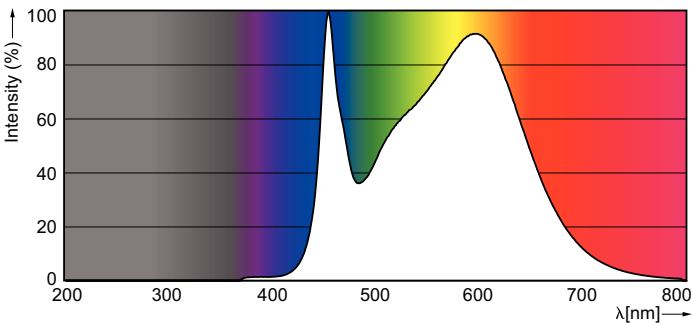
Dimensional drawing



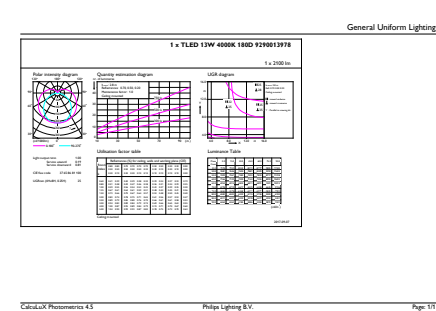
TLED IF MasterClass 4ft 2100lm 4000K

Product	D1	D2	A1	A2	A3
13T8 LED/48-4000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

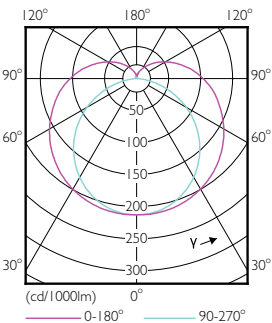
Photometric data



LEDtube 13W G13 2100lm

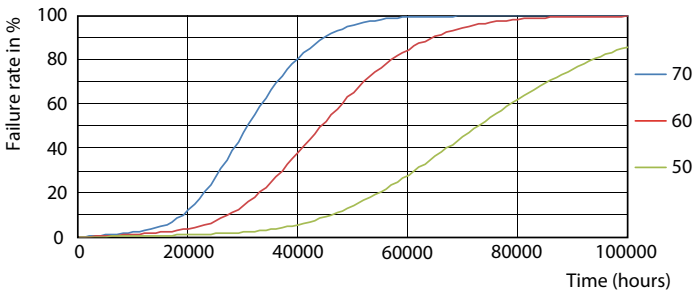
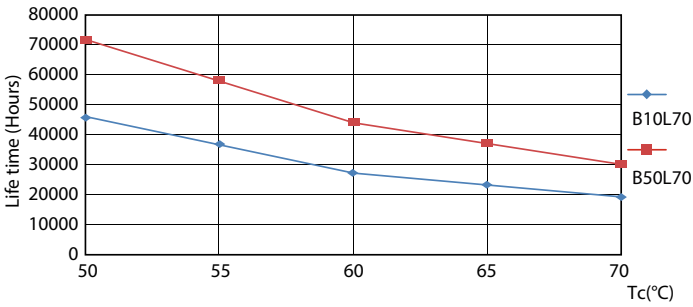


LEDtube 13W G13 2100lm



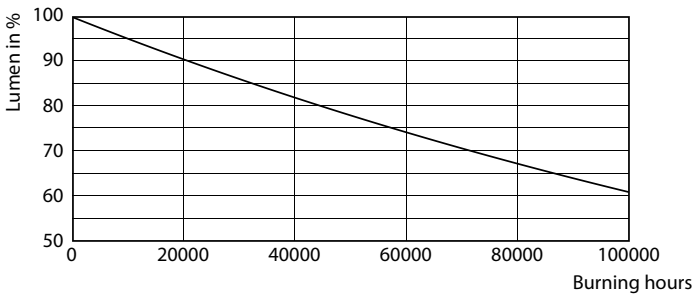
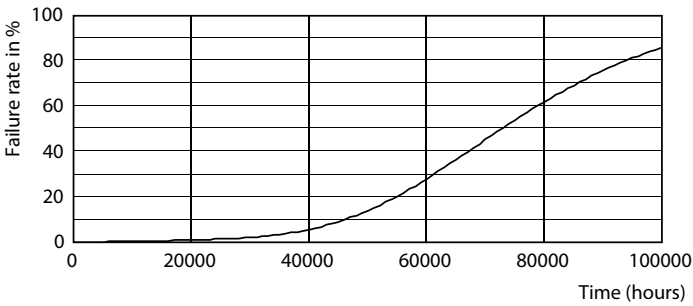
LEDtube 13W G13 830-850 IF DIM

Lifetime



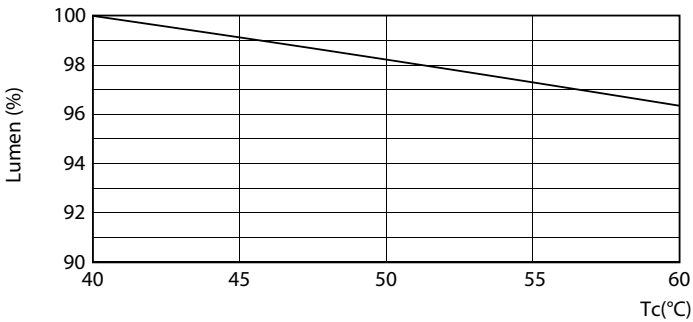
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