



MasterClass LEDtube InstantFit T8

13.5T8PER/48-840/IF22/P/DIM CAN 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

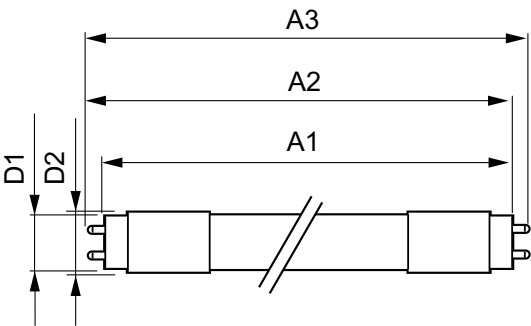
General Information		Starting Time (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	Power Factor (Nom)	0.9
Switching Cycle	50000X	Voltage (Nom)	120-277V; 347 V
B50L70	70000 h	Temperature	
Light Technical		T-Ambient (Max)	45 °C
Color Code	841 [CCT of 4100K (841)]	T-Ambient (Min)	-20 °C
Initial lumen (Nom)	2200 lm	T-Storage (Max)	65 °C
Luminous Flux (Rated) (Nom)	2200 lm	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	50 °C
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	82	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Product Length	1200 mm
Input Frequency	20000-120000 Hz	Approval and Application	
Power (Rated) (Nom)	13.5 W	Energy Saving Product	Yes
Lamp Current (Max)	400 mA		
Lamp Current (Min)	130 mA		

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Approbation Marks	UL certificate RoHS compliance DLC compliance
Product Data	
Order product name	13.5T8PER/48-840/IF22/P/DIM CAN 10/1
EAN/UPC - Product	046677533724
Order code	533729

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001397824
Net Weight (Piece)	0.230 kg
Model Number	9290013978A

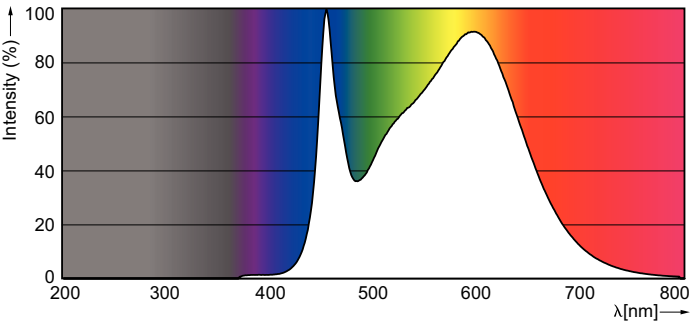
Dimensional drawing



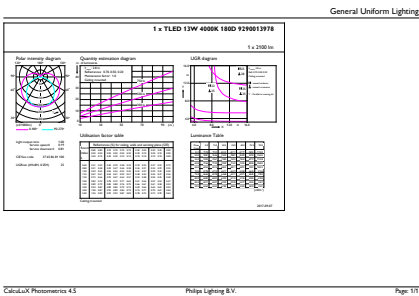
TLED IF MasterClass 4ft 2100lm 4000K

Product	D1	D2	A1	A2	A3
13.5T8PER/48-840/IF22/P/DIM CAN 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

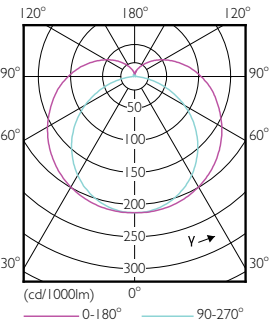
Photometric data



LEDtube 13W G13 2100lm

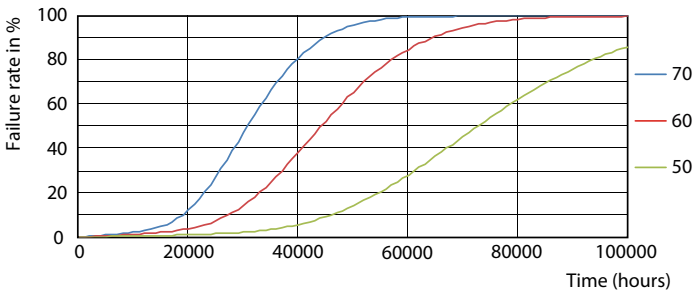
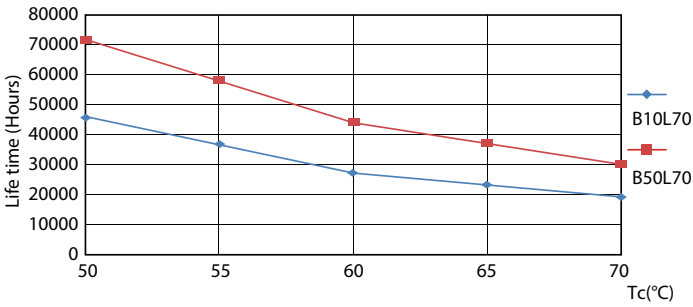


LEDtube 13W G13 2100lm



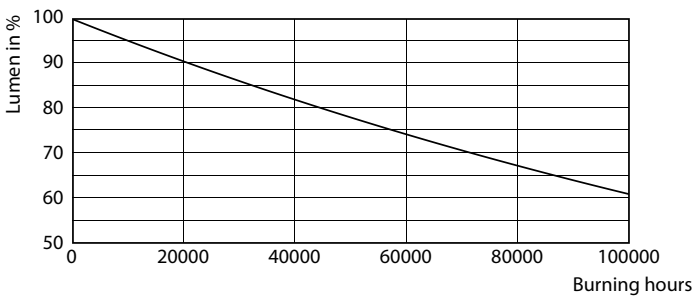
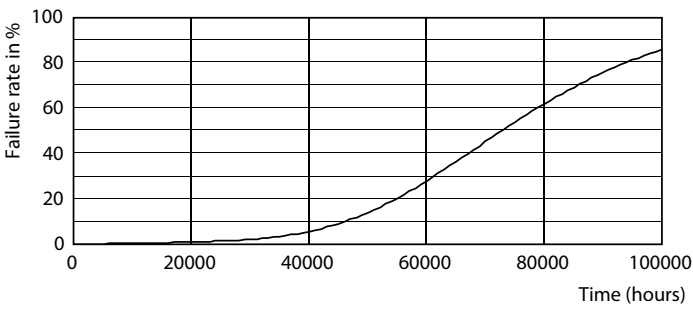
LEDtube 13W G13 830-850 IF DIM

Lifetime



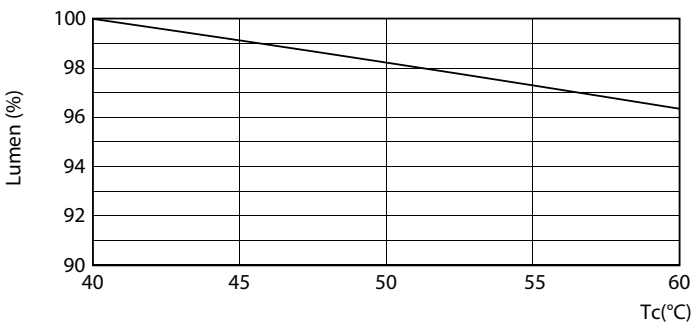
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