



# 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

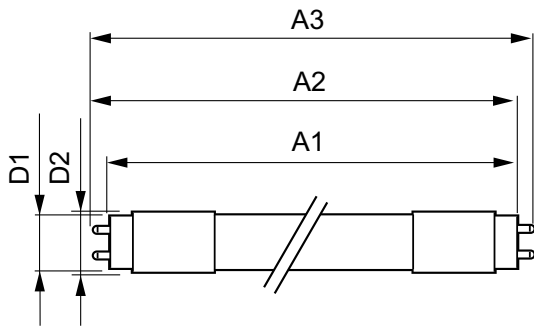
General Information		Starting Time (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		0.5 s
Nominal Lifetime (Nom)	70000 h	Warm Up Time to 60% Light (Nom)	0.5 s
Switching Cycle	50000X	Power Factor (Nom)	0.9
B50L70	70000 h	Voltage (Nom)	120-277V; 347 V
Light Technical		Temperature	
Color Code	841 [ CCT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

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Approbation Marks	UL certificate RoHS compliance DLC compliance
<b>Product Data</b>	
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

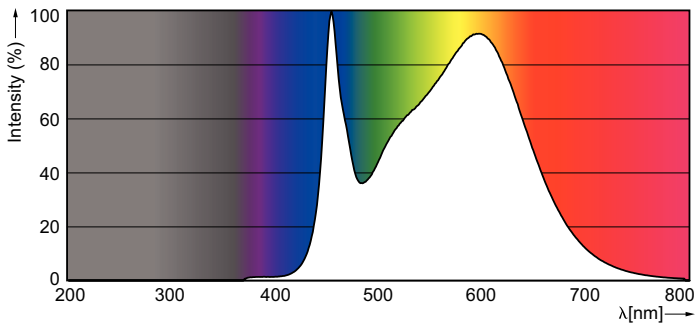
## Dimensional drawing



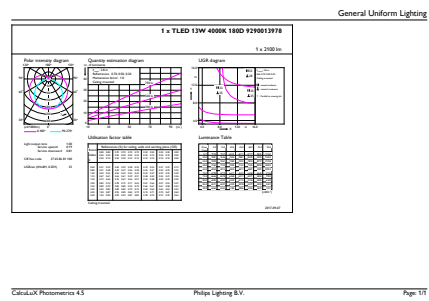
TLED IF MasterClass 4ft 2100lm 4000K

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

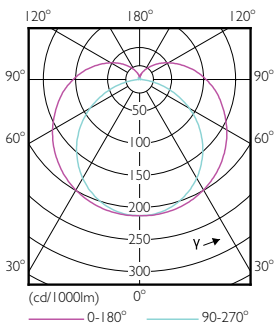
## Photometric data



LEDtube 13W G13 2100lm



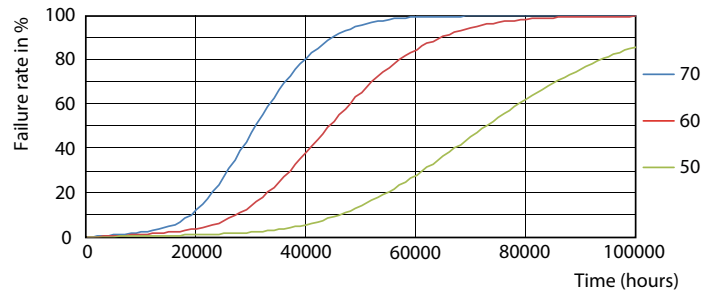
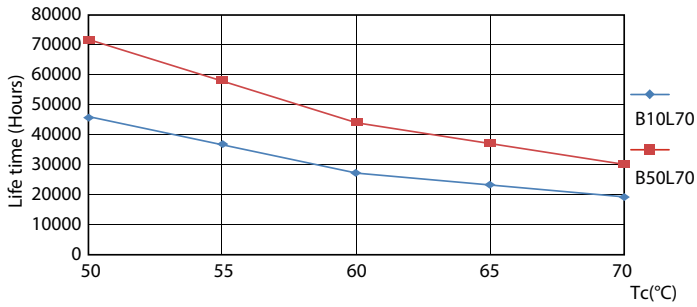
LEDtube 13W G13 2100lm



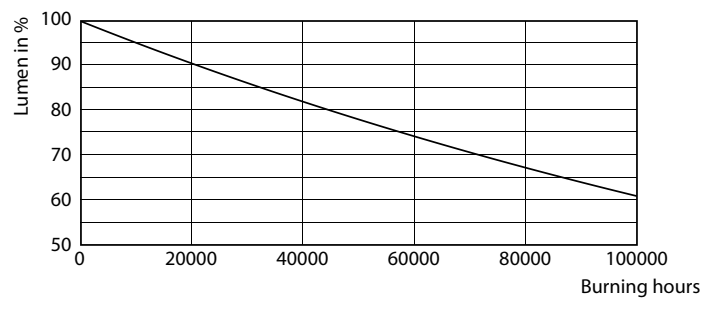
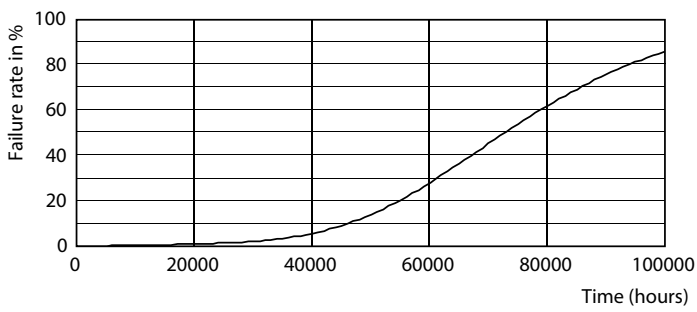
LEDtube 13W G13 830-850 IF DIM

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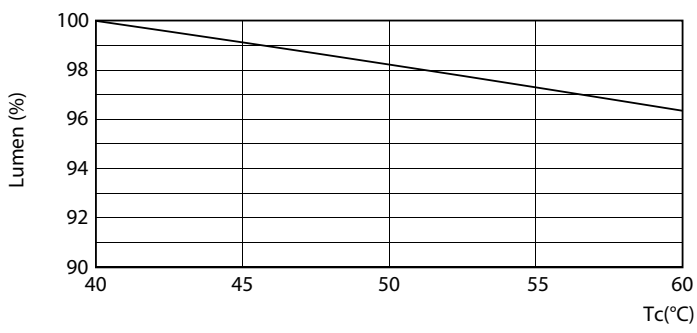
## Lifetime



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