



# LED InstantFit Lamps

## 13T8 LED/48-3000 IF DIM 1PK 10/1

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

### 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	830 [ CCT of 3000K]
Initial lumen (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Correlated Color Temperature (Nom)	3000 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

Approval and Application	
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance

Product Data	
Order product name	13T8 LED/48-3000 IF DIM 1PK 10/1
EAN/UPC - Product	046677473921
Order code	473926
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001397604
Net Weight (Piece)	0.230 kg

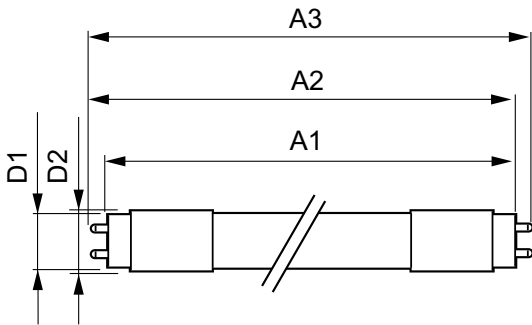
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Model Number 9290013976

## Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at [www.philips.com/instantfit](http://www.philips.com/instantfit).

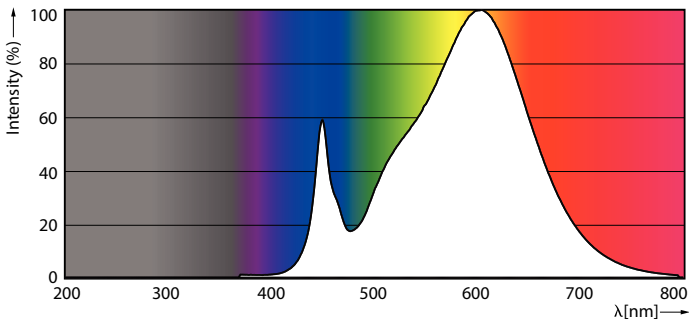
## Dimensional drawing



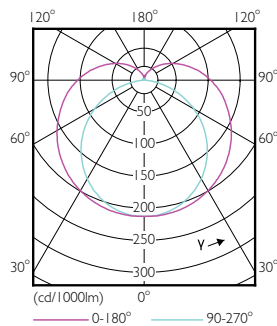
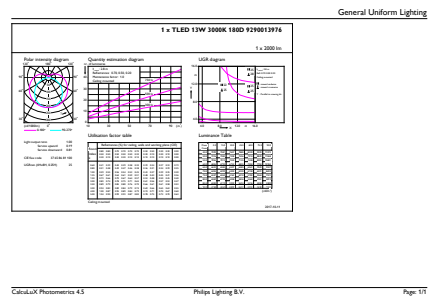
TLED 1200mm 120V 13-32W 2000lm 3000K G13

Product	D1	D2	A1	A2	A3
13T8 LED/48-3000 IF DIM 1PK 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data



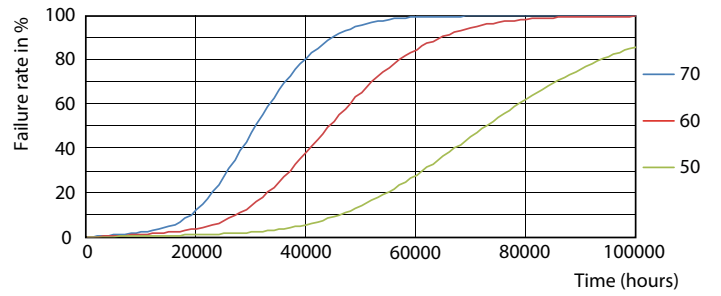
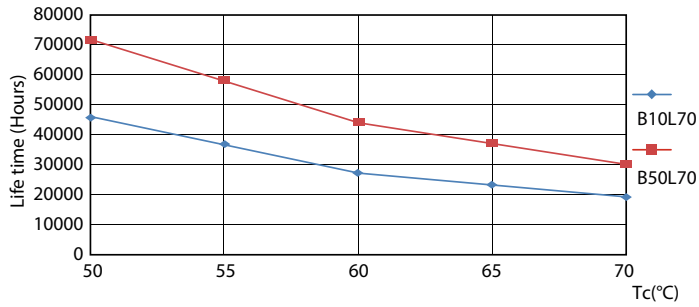
LEDtube 600mm 8W G5 830 1000lm



LEDtube 13W G13 830-850 IF DIM

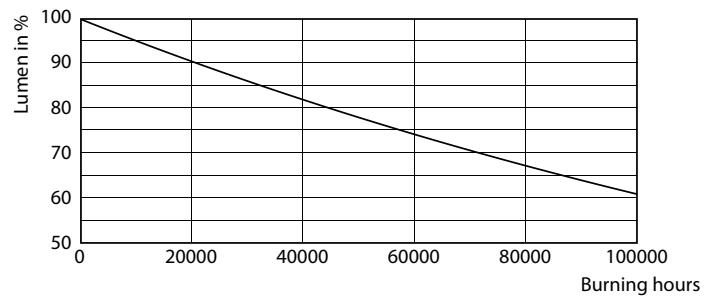
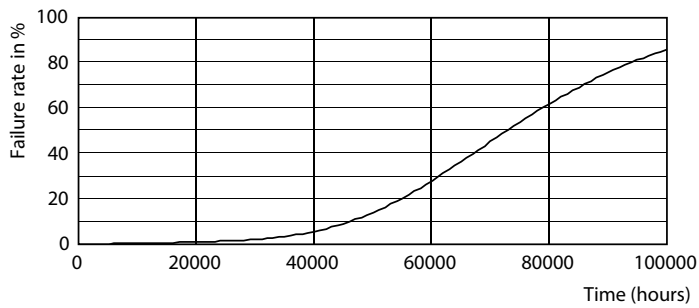
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## Lifetime



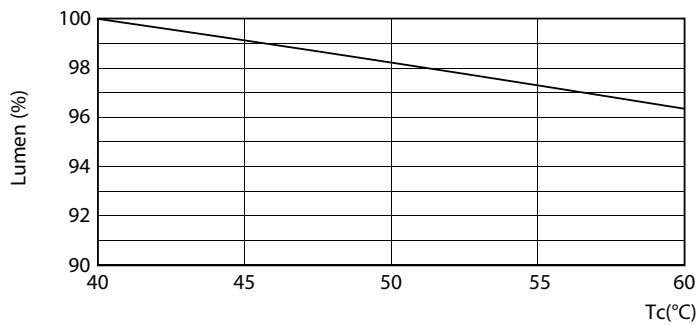
LEDtube 13W G13 830-850 IF DIM

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