

# 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	
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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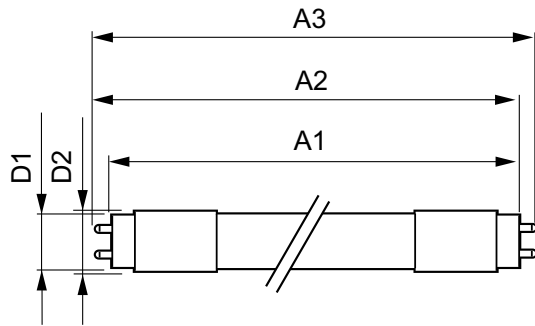
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
DesignLights Consortium Qualified Product List	-

## 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

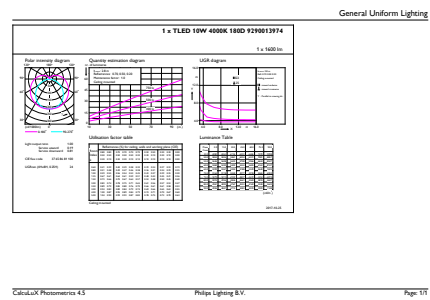
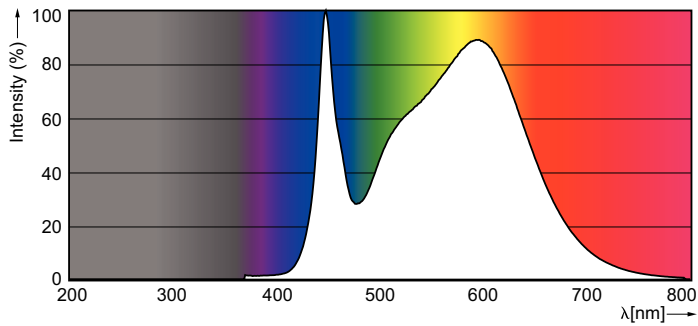
## Dimensional drawing



TLED IF MasterClass 4ft 1600lm 4000K

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

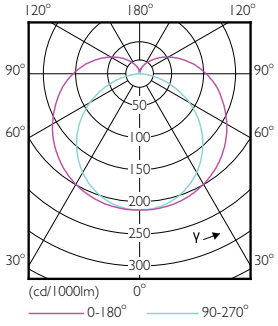
## Photometric data



LEDtube 10W G13 840 IF 1PK

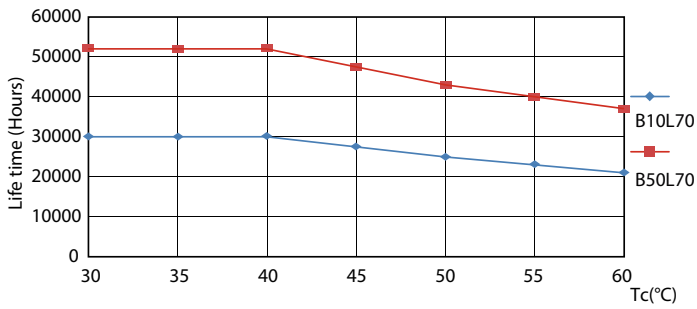
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## Photometric data

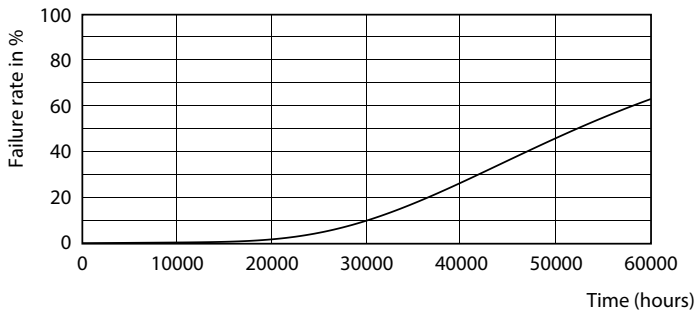


LEDtube 10W G13 827 IF 1PK

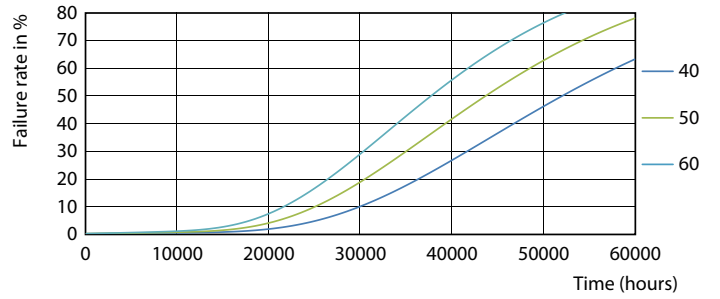
## Lifetime



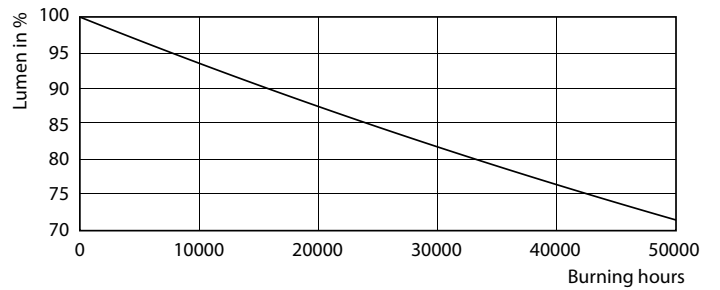
LEDtube 10W G13 827-850 IF 1PK



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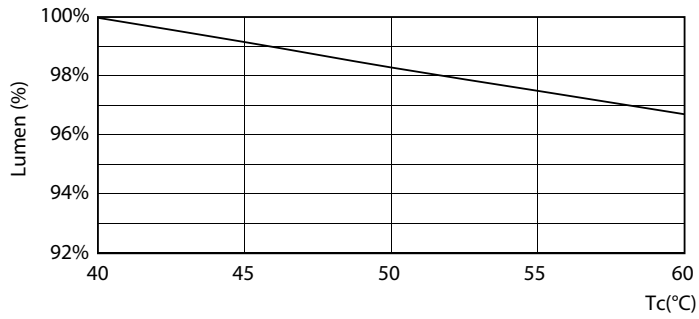
LEDtube 10W G13 827-850 IF 1PK



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## Lifetime



LEDtube 10W G13 827-850 IF 1PK

