



MasterClass LEDtube InstantFit T8

13T8/MAS/48-850/IF21/P/DIM 10/1

The Masterclass LED Type A - Ballast Driven (Plug and Play) InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using an existing ballast. Specific lamps can also be used on Philips Xitanium driver for Type C applications.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Indoor
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
B50L70	70000 h
Light Technical	
Color Code	850 [CCT of 5000K]
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<5
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 (Max)	347 V
Voltage (Min)	120 V
Voltage (Nom)	277 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

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Mechanical and Housing

Product Length 1200 mm

Approval and Application

Energy Saving Product Yes

Approval Marks RoHS compliance UL certificate DLC compliance

DesignLights Consortium Qualified Product List DesignLights Consortium Qualified Product List

Product Data

Order product name 13T8/MAS/48-850/IF21/P/DIM 10/1

EAN/UPC - Product 046677473952

Order code 929001397934

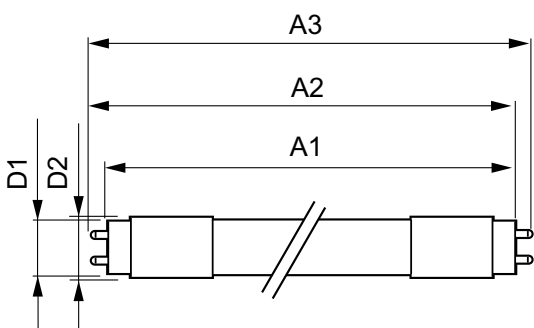
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 10

Material Nr. (12NC) 929001397934

Net Weight (Piece) 0.220 kg

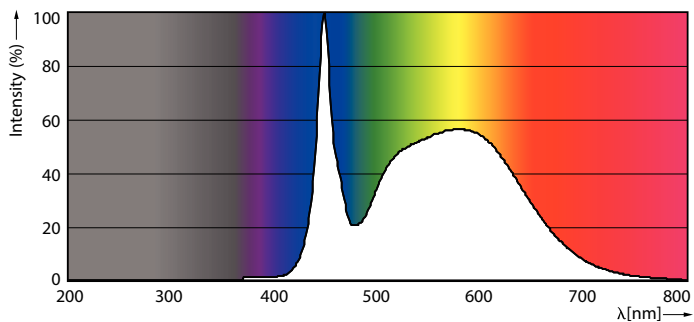
Dimensional drawing



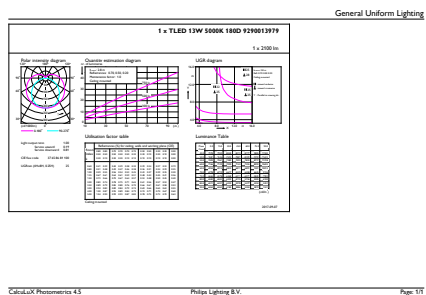
TLED IF MasterClass 4ft 2100lm 5000K

Product	D1	D2	A1	A2	A3
13T8/MAS/48-850/ IF21/P/DIM 10/1	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

Photometric data



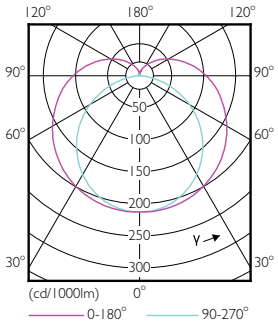
LEDtube 15W G13 850 160D IF 6U EasySmart



LEDtube 13W G13 850 IF DIM

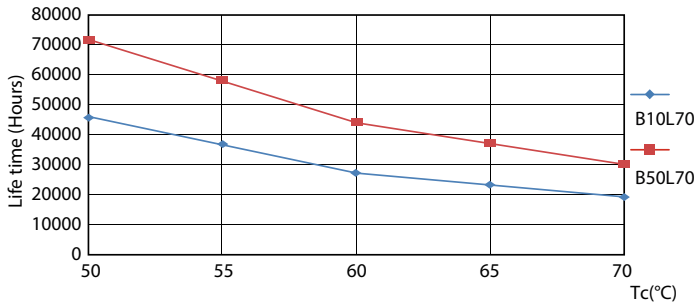
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Photometric data

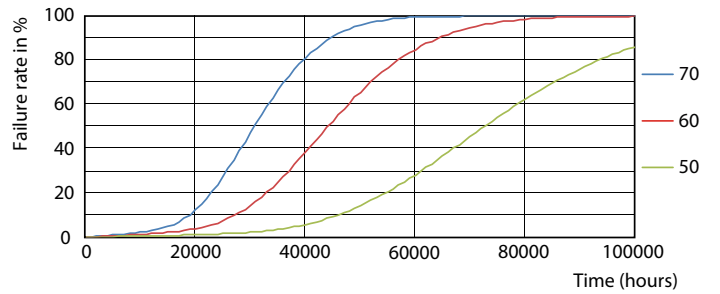


LEDtube 13W G13 830-850 IF DIM

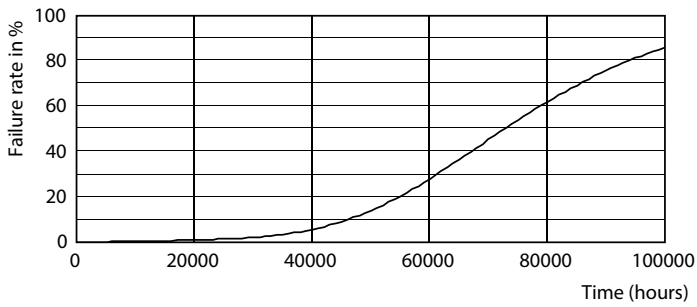
Lifetime



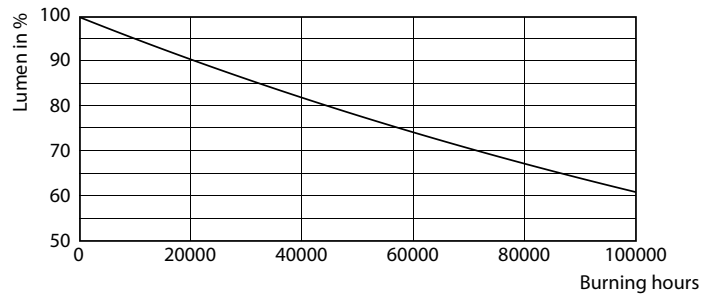
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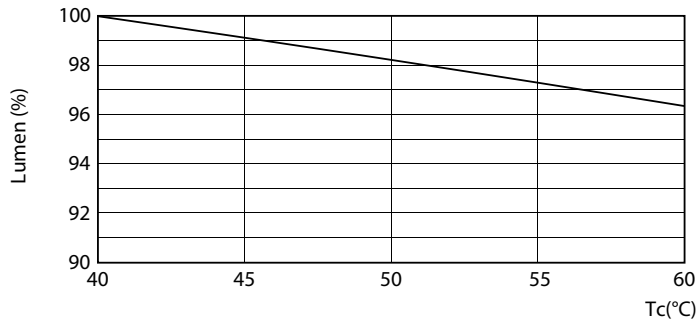
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Lifetime



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