

T8

12T8/PRO/48-830/IF17/G 10/1 FB

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	141.67 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	25000-105000 Hz
Power (Rated) (Nom)	12 W

Lamp Current (Max)	260 mA
Lamp Current (Min)	100 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 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

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Mechanical and Housing

Product Length 48 in

Approval and Application

Energy Efficiency Label (EEL) Not applicable

Energy Saving Product Yes

Approval Marks UL certificate RoHS compliance DLC compliance

Energy Consumption kWh/1000 h - kWh

Energy Certifications DLC Standard

Product Data

Order product name 12T8/PRO/48-830/IF17/G 10/1 FB

EAN/UPC - Product 046677530464

Order code 530469

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 10

Material Nr. (12NC) 929001866004

Net Weight (Piece) 0.215 kg

Model Number 9290018660

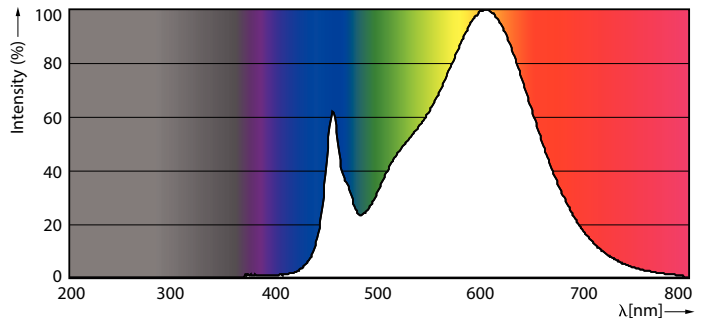
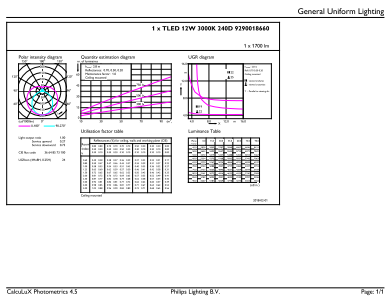
Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
12T8/PRO/48-830/IF17/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

TLED 1200mm T8 120-277V 1700lm 3000K G13

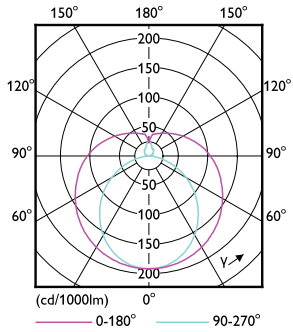
Photometric data



12W G13 830 3000K

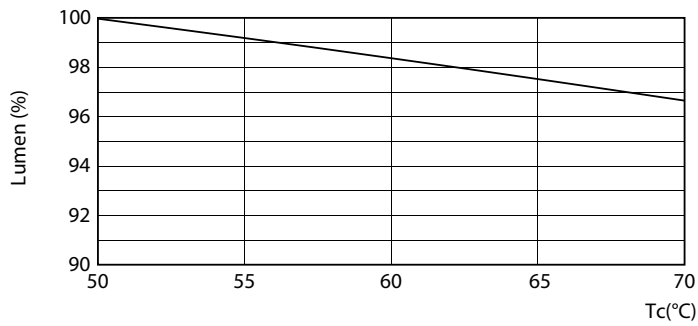
12W G13

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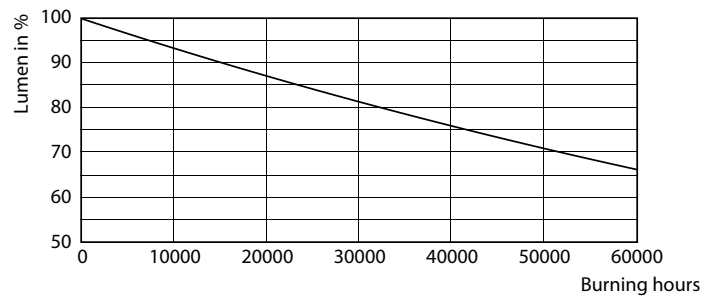


12W G13 830 3000K

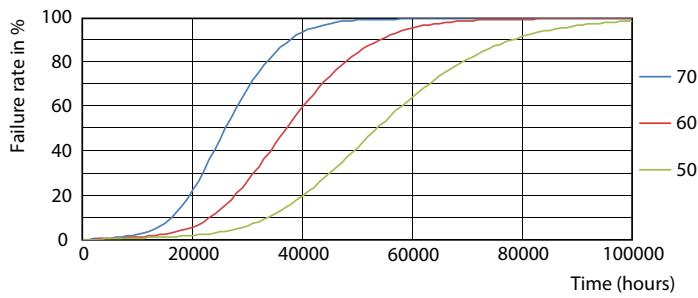
Lifetime



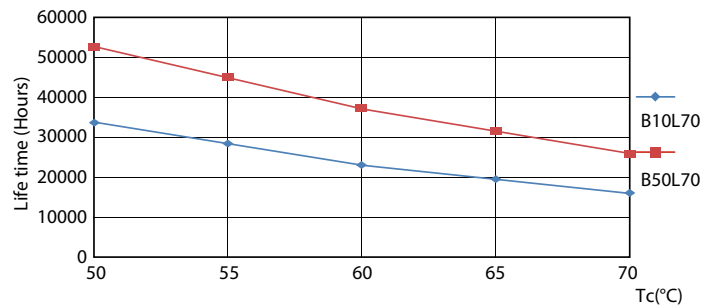
12W G13



12W G13



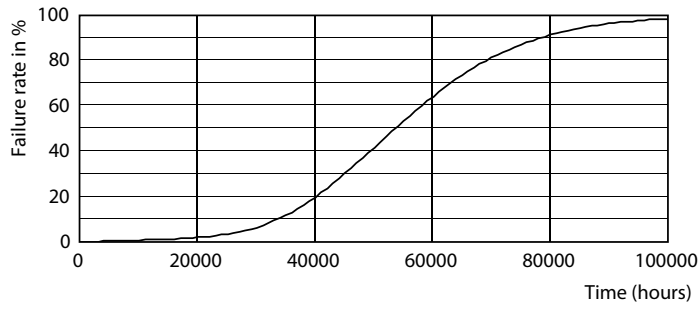
12W G13



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Lifetime



12W G13

