PHILIPS

Lighting

LED InstantFit Lamps

12T8/PRO/48-835/IF17/G 10/1 FB

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]
Main Application	Indoor
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h

Light Technical	
Color Code	835 [CCT of 3500K]
Initial lumen (Nom)	1700 lm
Luminous Flux (Rated) (Nom)	1700 lm
Correlated Color Temperature (Nom)	3500 K
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
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

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	12T8/PRO/48-835/IF17/G 10/1 FB
EAN/UPC - Product	046677530471
Order code	530477
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

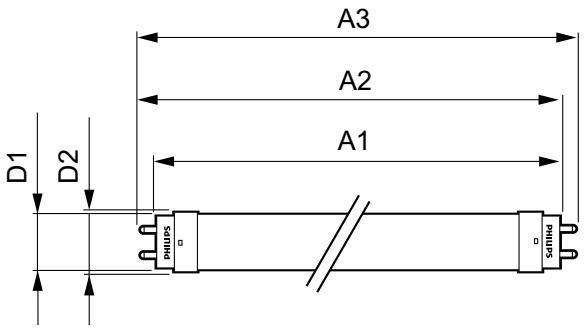
LED InstantFit Lamps

Material Nr. (12NC)	929001866104
Net Weight (Piece)	0.215 kg
Model Number	9290018661

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.

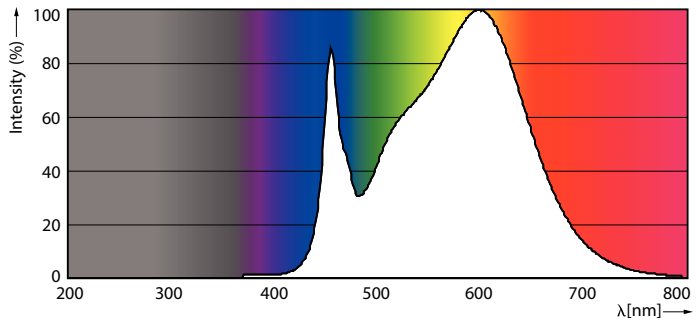
Dimensional drawing

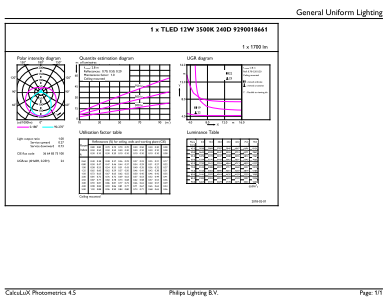


Product	D1	D2	A1	A2	A3
12T8/PRO/48-835/IF17/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

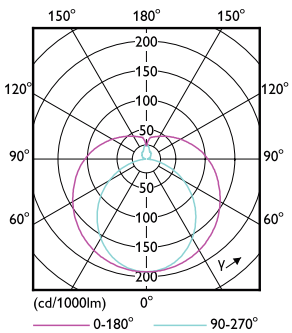
TLED 1200mm T8 120-277V 1700lm 3500K G13

Photometric data



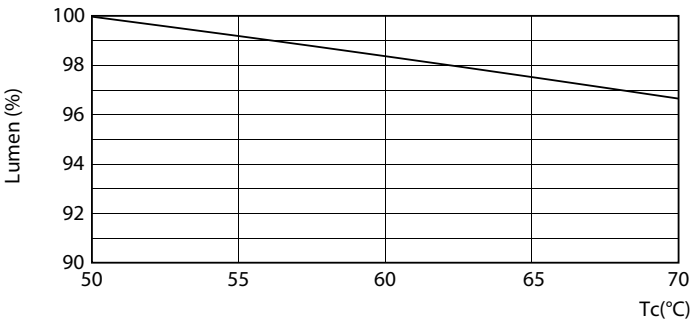


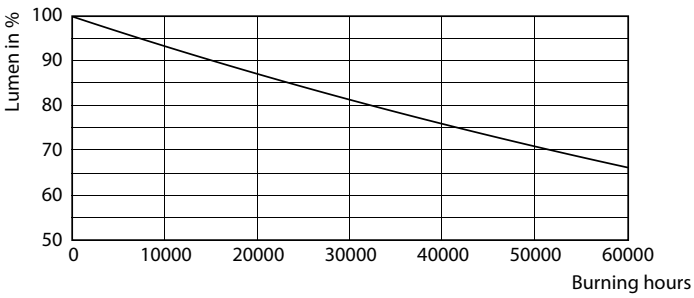
12W G13



12W G13 830 3000K

Lifetime





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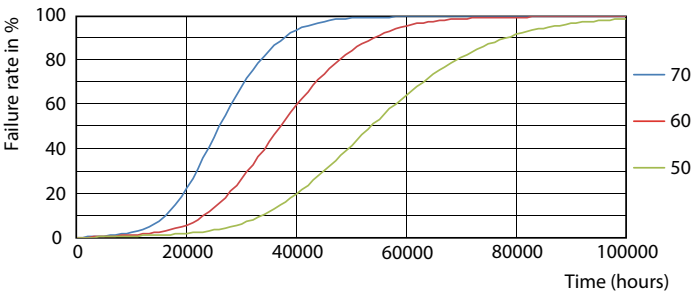

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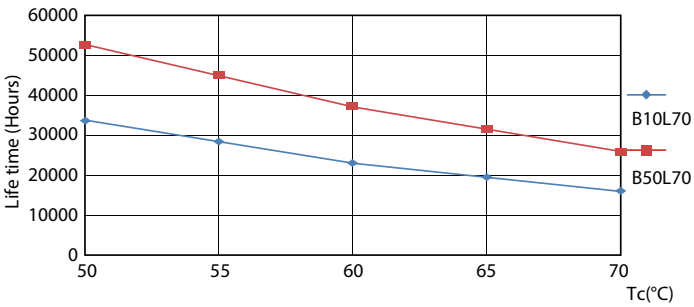

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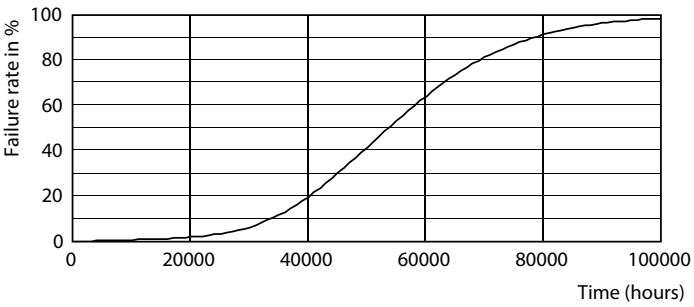

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www.lighting.philips.com
2018, May 29 - data subject to change