

LED InstantFit Lamps

12T8/PER/48-835/BB17/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]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
B50L70	50000 h
Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1700 lm
Luminous Flux (Rated) (Nom)	1700 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	3500 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	12 W
Lamp Current (Max)	120 mA
Lamp Current (Min)	40 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 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)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Product Data	
Order product name	12T8/PER/48-835/BB17/G 10/1 FB
EAN/UPC - Product	046677532680
Order code	929001876904
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

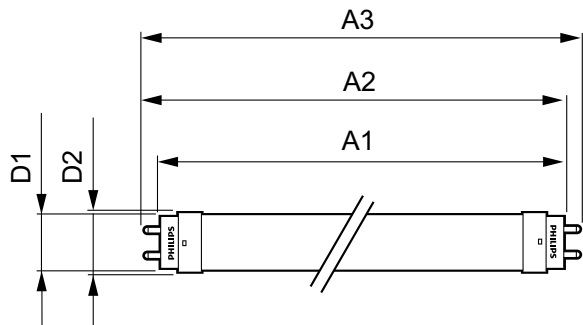
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Material Nr. (12NC)	929001876904
Net Weight (Piece)	0.215 kg

Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

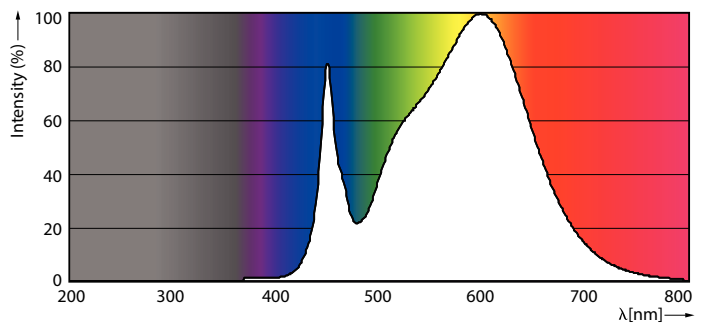
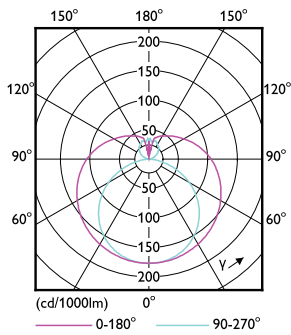
Dimensional drawing



Product	D1	D2	A1	A2	A3
12T8/PER/48-835/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

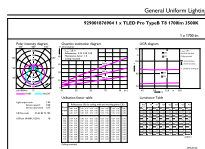
Performance TypeB 1800lm 12W

Photometric data



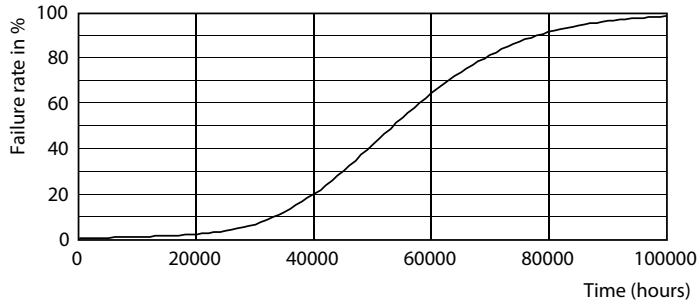
LEDtube PRO 12W G13 830 24D ND

LEDtube PRO 12W G13 835 24D ND

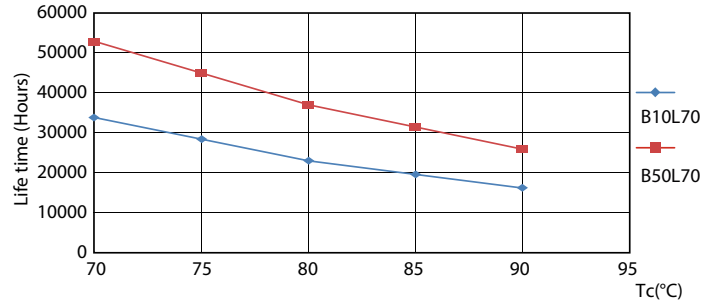


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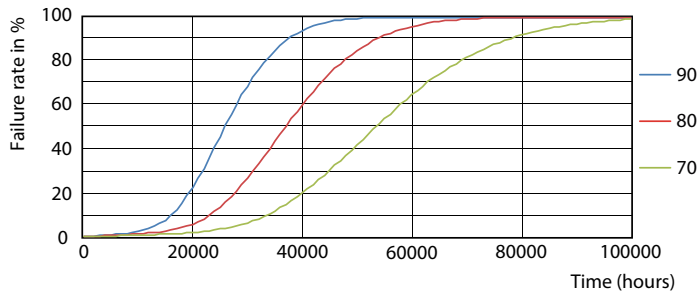
Lifetime



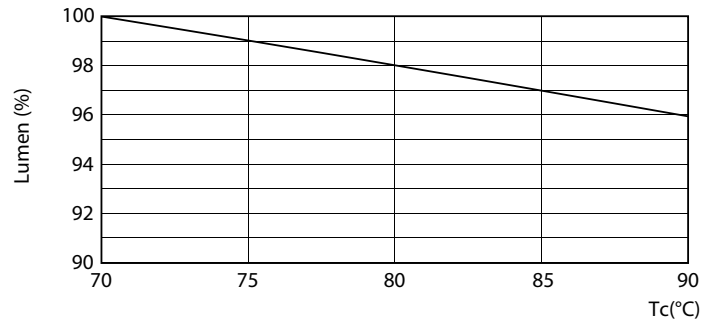
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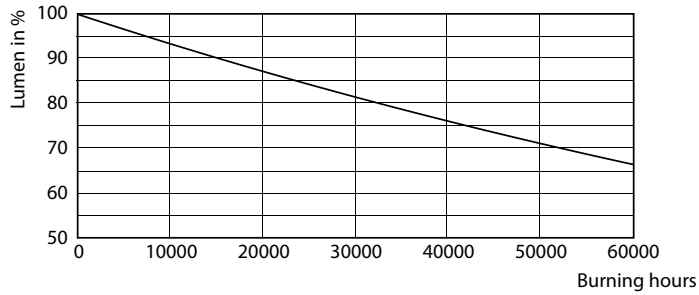
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