

LED InstantFit Lamps

12T8/PER/48-830/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		Voltage (Nom) 120-277 V	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Temperature	
Nominal Lifetime (Nom)	50000 h	T-Ambient (Max)	45 °C
Switching Cycle	50000X	T-Ambient (Min)	-20 °C
B50L70	50000 h	T-Storage (Max)	65 °C
Light Technical		T-Storage (Min)	-40 °C
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	70 °C
Beam Angle (Nom)	240 °	Controls and Dimming	
Initial lumen (Nom)	1700 lm	Dimmable	No
Luminous Flux (Rated) (Nom)	1700 lm	Mechanical and Housing	
Rated Beam Angle	240 °	Product Length	1200 mm
Correlated Color Temperature (Nom)	3000 K	Approval and Application	
Color Consistency	<6	Energy Saving Product	Yes
Color Rendering Index (Nom)	80	Approbation Marks	UL certificate RoHS compliance DLC compliance
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data	
Operating and Electrical		Order product name	12T8/PER/48-830/BB17/G 10/1 FB
Input Frequency	50 to 60 Hz	EAN/UPC - Product	046677532673
Power (Rated) (Nom)	12 W	Order code	532671
Lamp Current (Max)	120 mA	Numerator - Quantity Per Pack	1
Lamp Current (Min)	40 mA	Numerator - Packs per outer box	10
Starting Time (Nom)	0.5 s		
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.9		

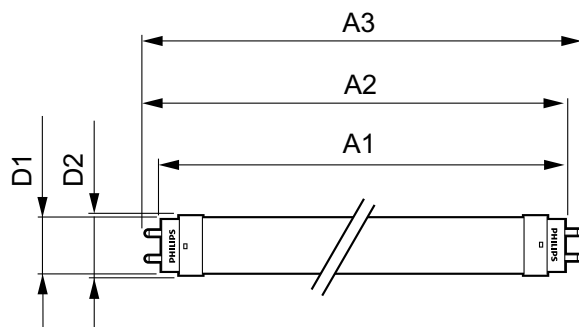
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Material Nr. (12NC)	929001876804
Net Weight (Piece)	0.215 kg
Model Number	9290018768

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.

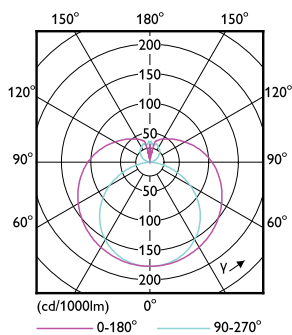
Dimensional drawing



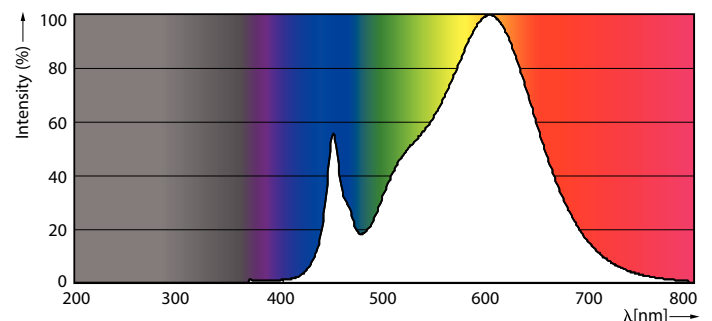
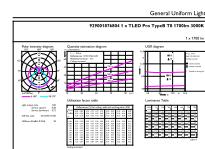
Performance TypeB 1800lm 12W

Product	D1	D2	A1	A2	A3
12T8/PER/48-830/BB17/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



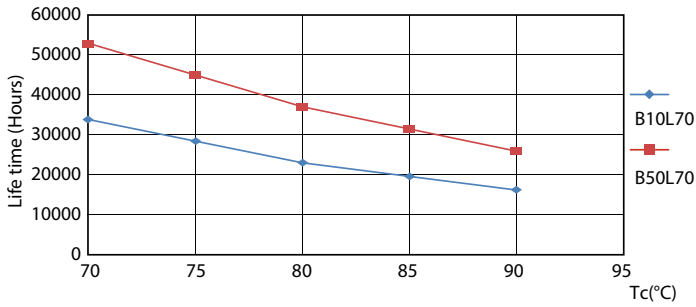
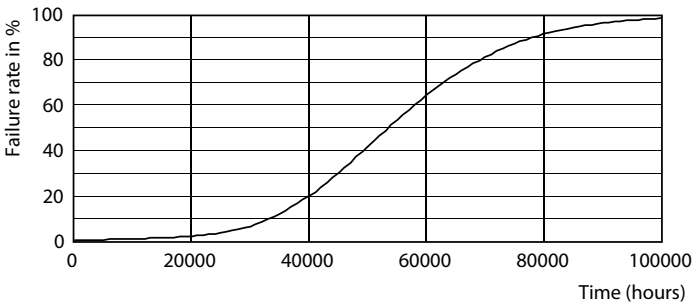
LEDtube PRO 12W G13 830 24D ND



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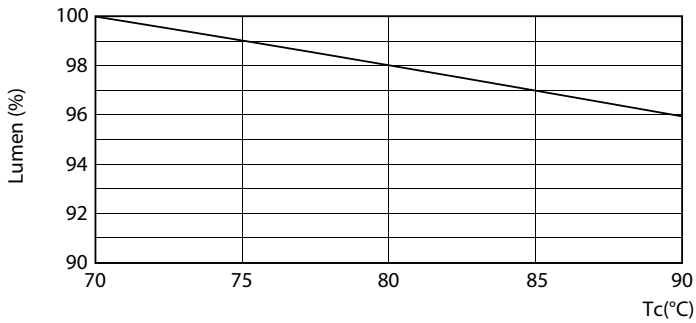
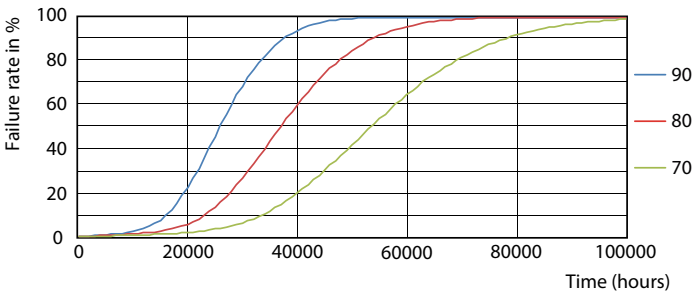
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Lifetime



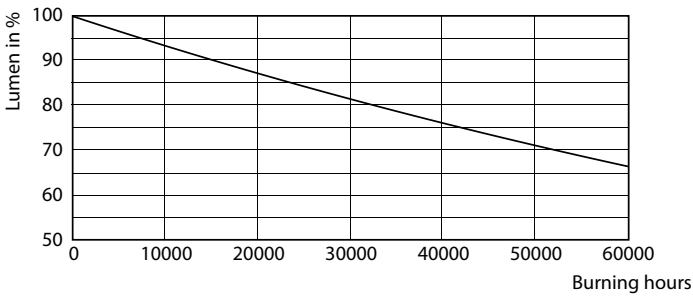
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