

LED InstantFit Lamps

12T8/PRO/48-850/IF18/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, 347 V
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Temperature		
Main Application	Indoor	T-Ambient (Max)	45 °C	
Nominal Lifetime (Nom)	50000 h	T-Ambient (Min)	-20 °C	
Switching Cycle	50000X	T-Storage (Max)	65 °C	
B50L70	50000 h	T-Storage (Min)	-40 °C	
Light Technical		T-Case Maximum (Nom)	50 °C	
Color Code	850 [CCT of 5000K]	Controls and Dimming		
Luminous Flux (Nom)	1800 lm	Dimmable	No	
Luminous Flux (Rated) (Nom)	1800 lm	Mechanical and Housing		
Correlated Color Temperature (Nom)	5000 K	Product Length	1200 mm	
Color Consistency	<5	Approval and Application		
Color Rendering Index (Nom)	82	Energy Saving Product	Yes	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval Marks	UL certificate RoHS compliance DLC compliance	
Operating and Electrical		Product Data		
Input Frequency	25000-105000 Hz	Order product name	12T8/PRO/48-850/IF18/G 10/1 FB	
Power (Rated) (Nom)	12 W	EAN/UPC - Product	046677530495	
Lamp Current (Max)	260 mA	Order code	929001866304	
Lamp Current (Min)	100 mA	Numerator - Quantity Per Pack	1	
Starting Time (Nom)	0.5 s	Numerator - Packs per outer box	10	
Warm Up Time to 60% Light (Nom)	0.5 s			
Power Factor (Nom)	0.9			

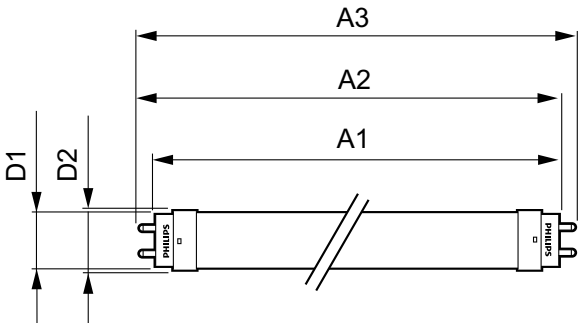
LED InstantFit Lamps

Material Nr. (12NC)	929001866304
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

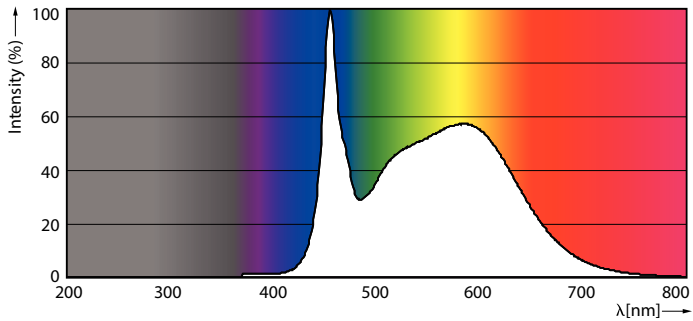
Dimensional drawing



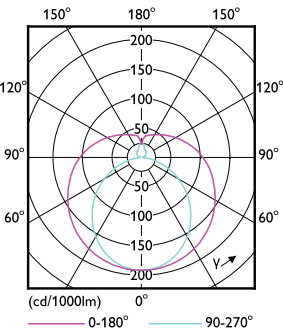
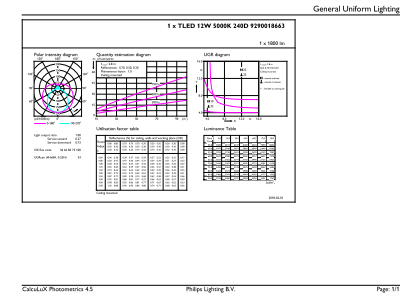
TLED 1200mm T8 120-277V 1700lm 5000K G13

Product	D1	D2	A1	A2	A3
12T8/PRO/48-850/IF18/G	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm
10/1 FB					

Photometric data



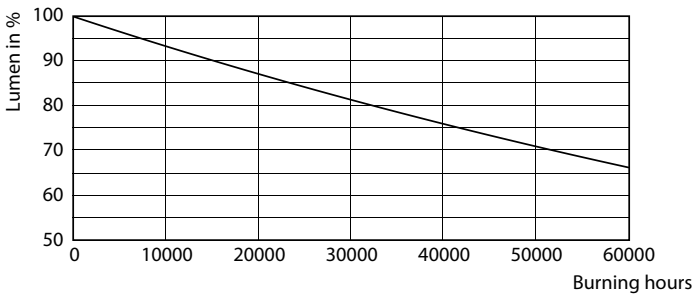
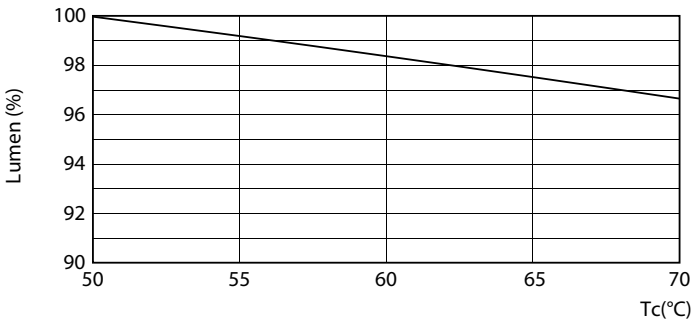
12W G13



12W G13 830 3000K

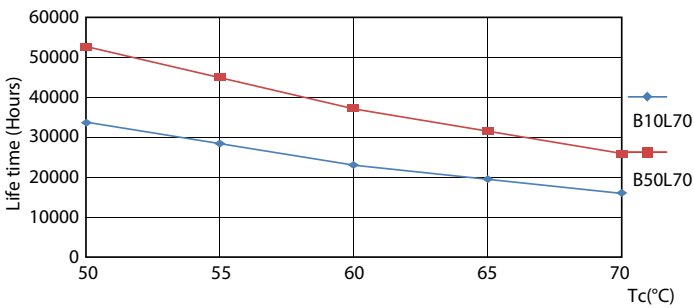
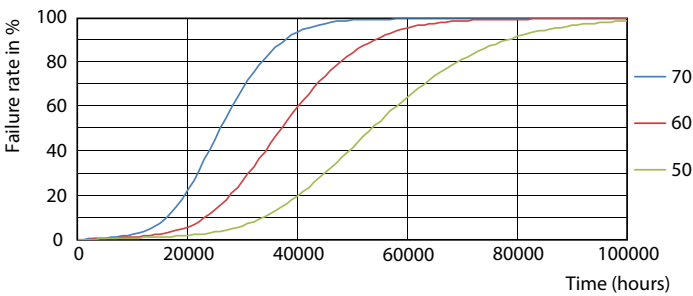
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Lifetime



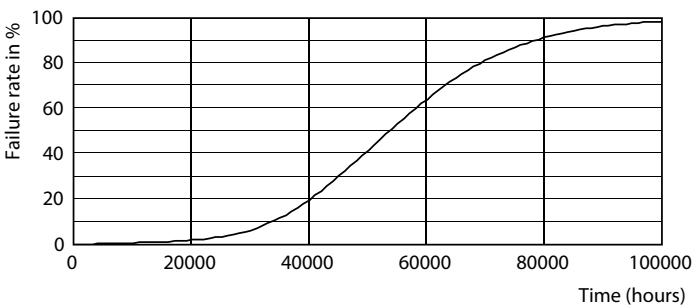
12W G13

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