

CorePro LEDtube InstantFit T8

12T8/PRO/48-840/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	
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	840 [CCT of 4000K]
Luminous Flux (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Correlated Color Temperature (Nom)	4000 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

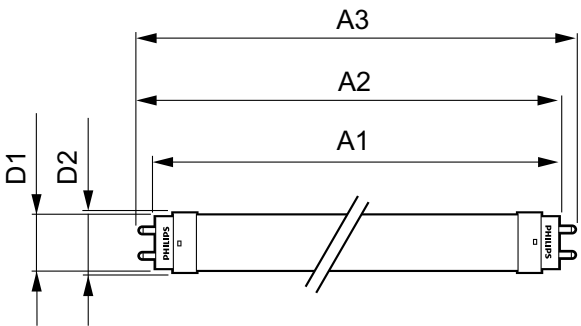
Approval and Application	
Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance

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DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
Product Data	
Order product name	12T8/PRO/48-840/IF18/G 10/1 FB
EAN/UPC - Product	046677530488
Order code	929001866204

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001866204
Net Weight (Piece)	0.215 kg

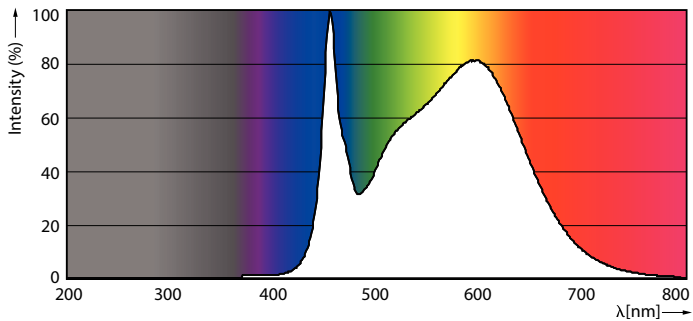
Dimensional drawing



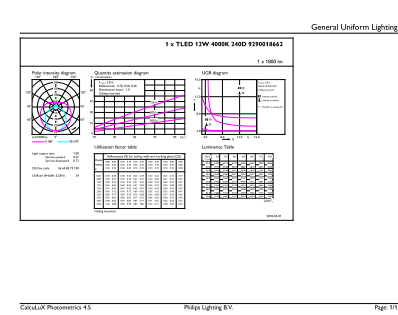
TLED 1200mm T8 120-277V 1700lm 4000K G13

Product	D1	D2	A1	A2	A3
12T8/PRO/48-840/IF18/G 10/1 FB	25.7 mm	26.3 mm	1198.1 mm	1205.2 mm	1212.3 mm

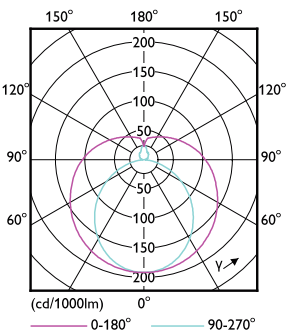
Photometric data



12W G13



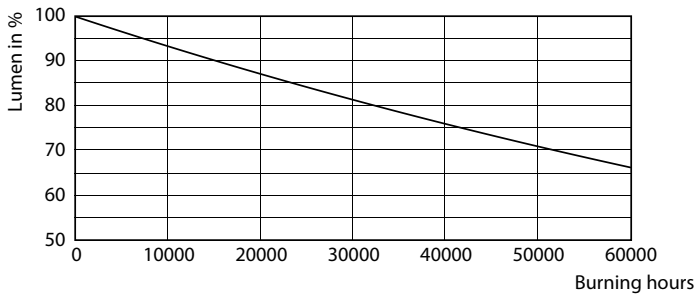
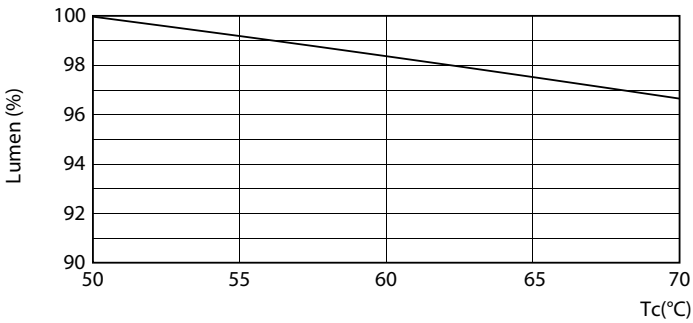
12W G13 840 4000K



12W G13 830 3000K

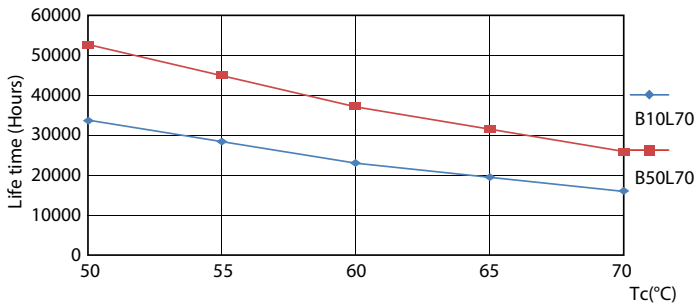
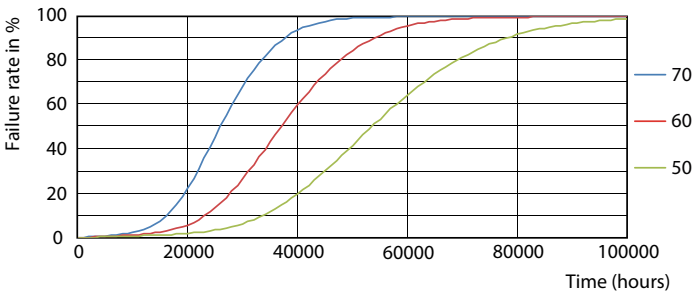
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Lifetime



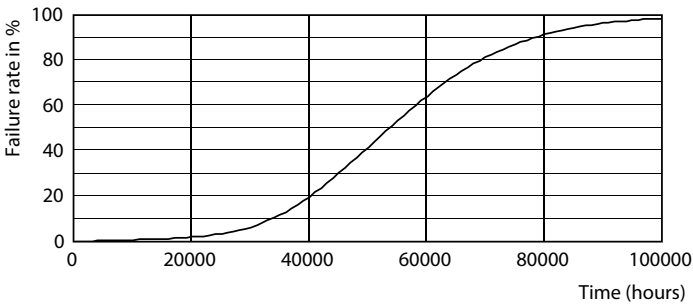
12W G13

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