



LED InstantFit Lamps

16T8/LED/48-840/MF18/G/Clear 1/4 FFP

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

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

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
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 (Nom)	16 W
Lamp Current (Max)	130 mA

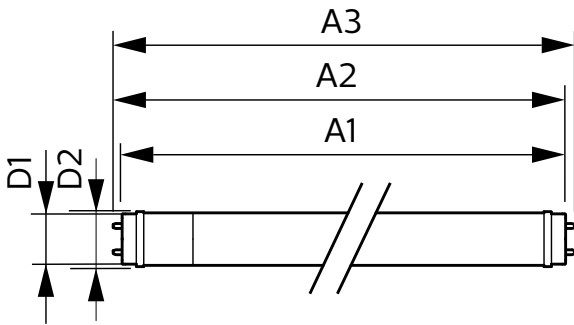
Lamp Current (Min)	47 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Efficiency Label (EEL)	Not applicable

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Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	16T8/LED/48-840/MF18/G/Clear 1/4 FFP
EAN/UPC - Product	50046677542509

Order code	929001997603
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	929001997603
Net Weight (Piece)	0.250 kg

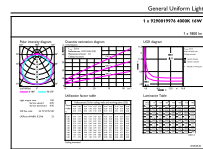
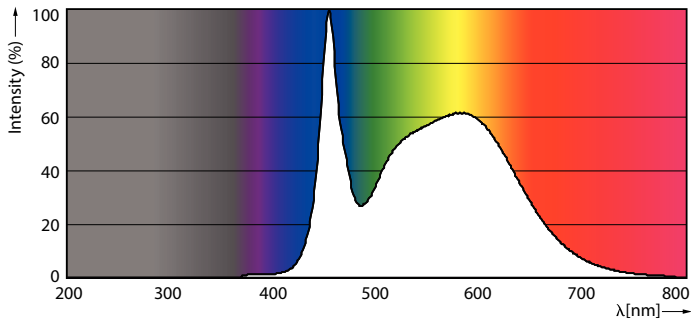
Dimensional drawing



TLED 1200mm 16-32W 1800lm 4000K G13

Product	D1	D2	A1	A2	A3
16T8/LED/48-840/MF18/G/ Clear 1/4 FFP	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

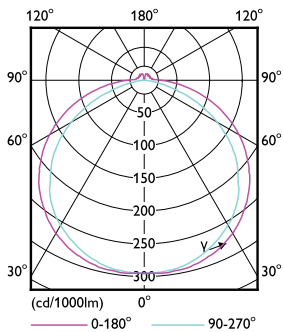
Photometric data



General Uniform Lighting

LEDtube 16W G13 840 24D ND

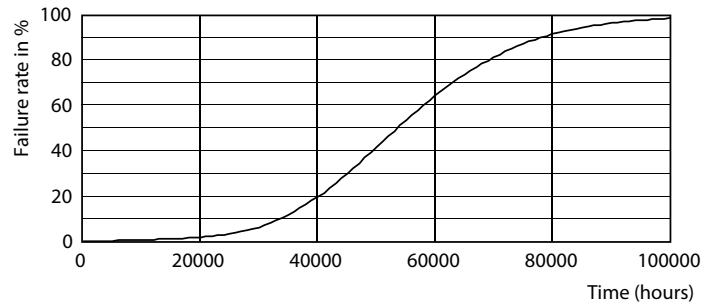
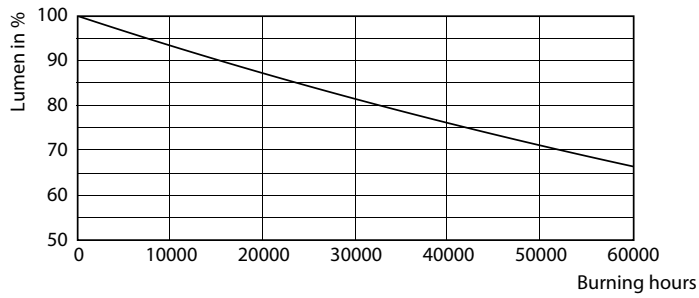
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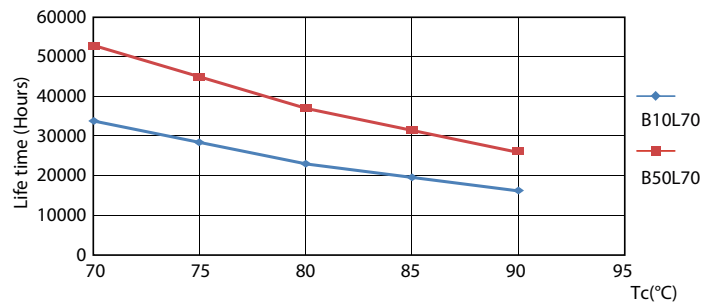
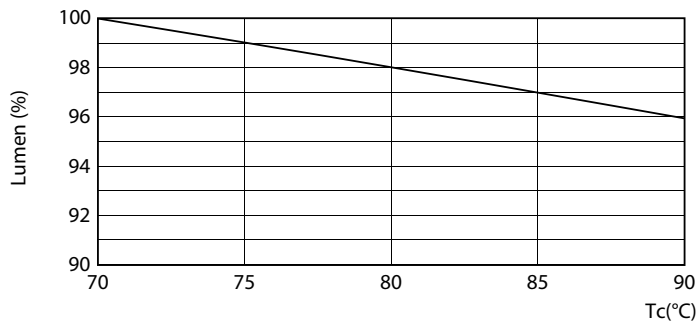
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Lifetime



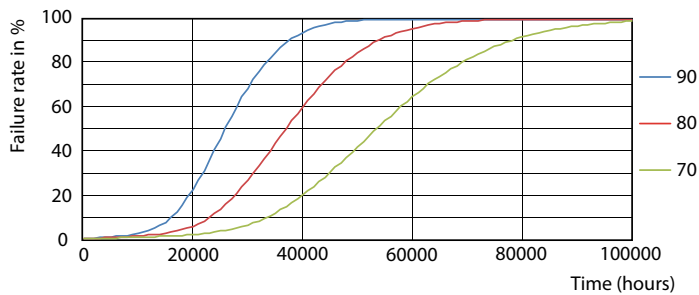
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