



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.

Product data

General Information		Voltage (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	120-277 V	
Nominal Lifetime (Nom)	36000 h	Temperature	
Switching Cycle	50000X	T-Ambient (Max)	45 °C
B50L70	36000 h	T-Ambient (Min)	-20 °C
Light Technical		T-Storage (Max)	65 °C
Color Code	840 [CCT of 4000K]	T-Storage (Min)	-40 °C
Beam Angle (Nom)	240 °	T-Case Maximum (Nom)	70 °C
Luminous Flux (Nom)	1800 lm	Controls and Dimming	
Luminous Flux (Rated) (Nom)	1800 lm	Dimmable	No
Rated Beam Angle	240 °	Mechanical and Housing	
Correlated Color Temperature (Nom)	4000 K	Product Length	1200 mm
Color Consistency	<6	Approval and Application	
Color Rendering Index (Nom)	80	Energy Saving Product	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval Marks	UL certificate RoHS compliance
Operating and Electrical		Product Data	
Input Frequency	50 to 60 Hz	Order product name	16T8/LED/48-840/MF18/G/Clear 1/4 FFP
Power (Rated) (Nom)	16 W	EAN/UPC - Product	50046677542509
Lamp Current (Max)	130 mA	Order code	929001997603
Lamp Current (Min)	47 mA	Numerator - Quantity Per Pack	1
Starting Time (Nom)	0.5 s	Numerator - Packs per outer box	1
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.9		

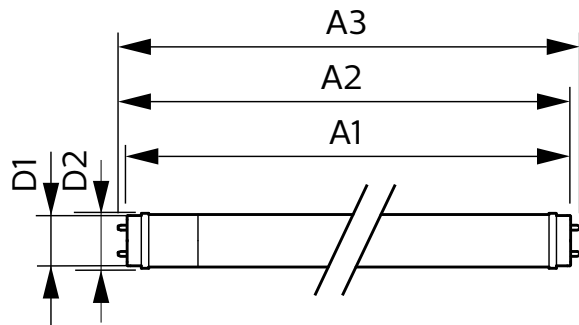
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Material Nr. (12NC)	929001997603
Net Weight (Piece)	0.250 kg

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

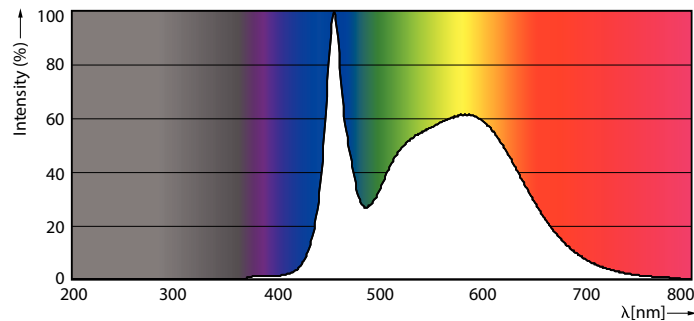
Dimensional drawing



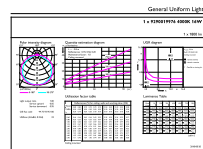
TLED 1200mm 16-32W 1800lm 4000K G13

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

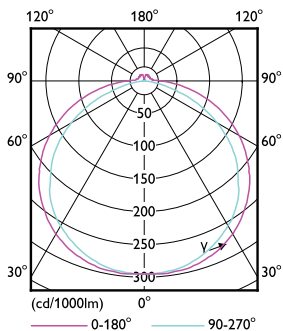
Photometric data



LEDtube 16W G13 840 24D ND



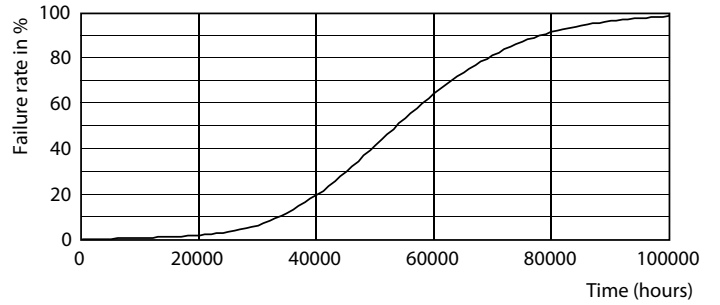
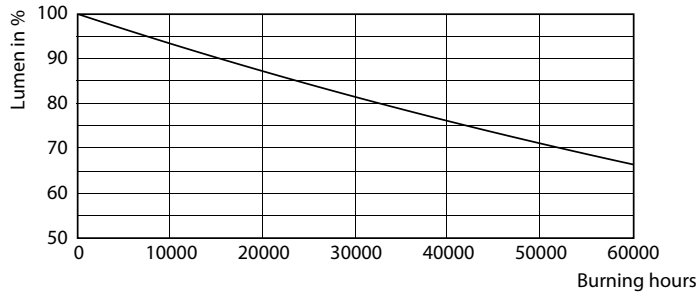
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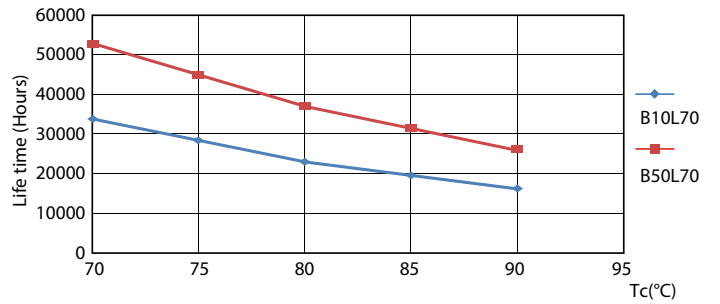
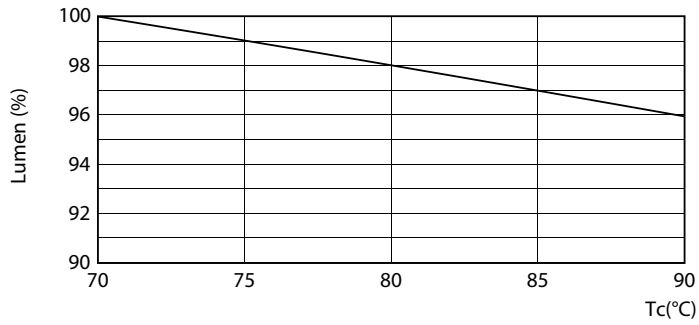
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Lifetime



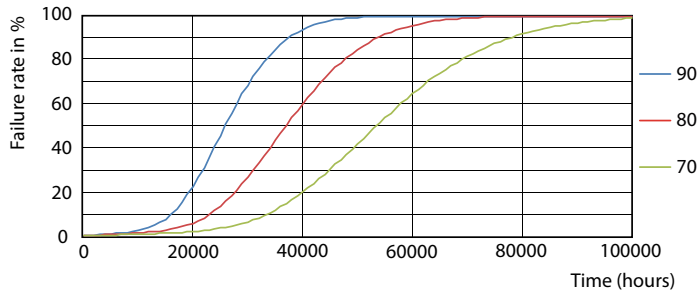
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