



# 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

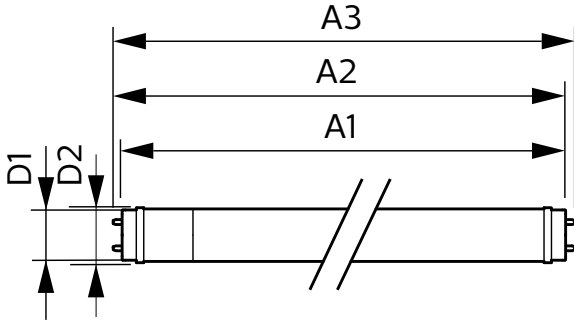
General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1800 lm
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
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 Saving Product	Yes
Approval Marks	UL certificate RoHS compliance
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

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## Warnings and Safety

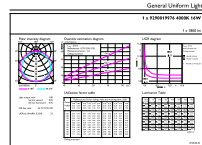
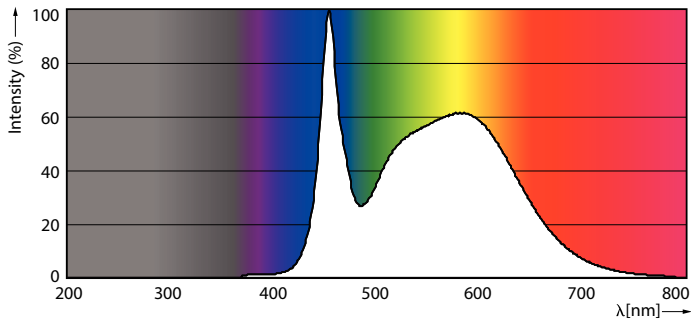
## Dimensional drawing



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

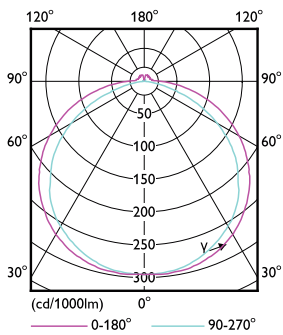
## Photometric data



General Information  
+ GENERAL INFORMATION

LEDtube 16W G13 840 24D ND

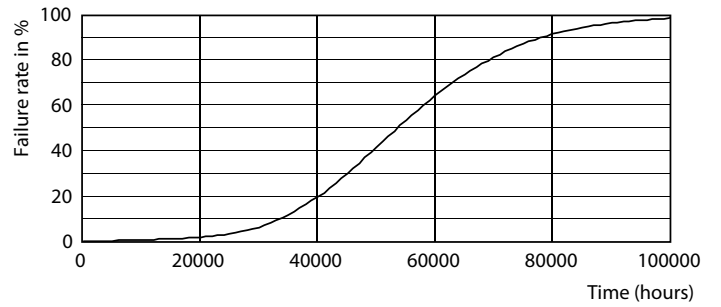
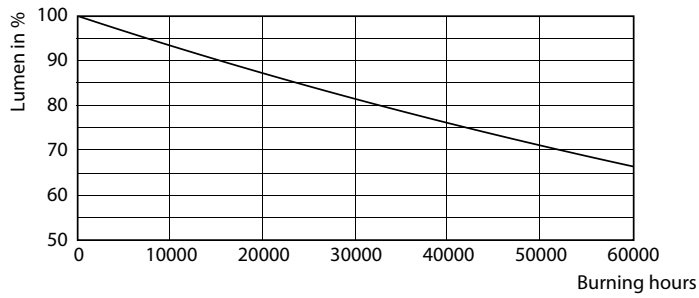
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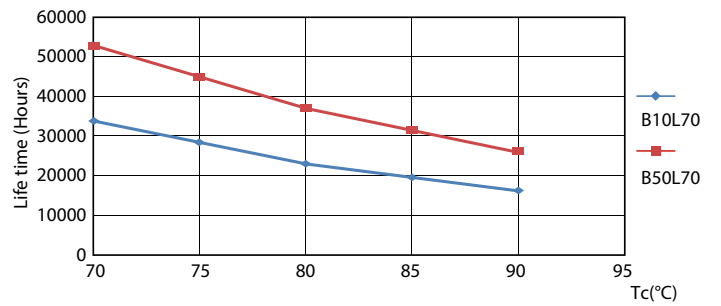
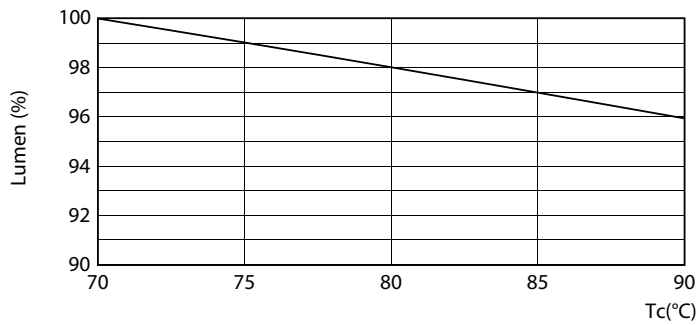
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## Lifetime



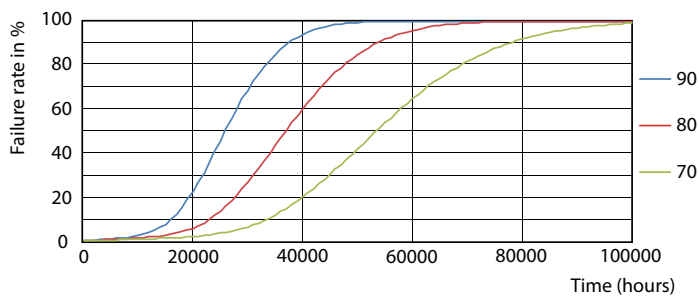
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