



# LED InstantFit Lamps

## 14T8/COR/48-850/MF18/G 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]
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
B50L70	36000 h
Light Technical	
Color Code	850 [ CCT of 5000K]
Beam Angle (Nom)	240 °
Luminous Flux (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Rated Beam Angle	240 °
Correlated Color Temperature (Nom)	5000 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 (Rated) (Nom)	14 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 DLC compliance
Product Data	
Order product name	14T8/COR/48-850/MF18/G 1/4 FFP
EAN/UPC - Product	50046677538380
Order code	929001845763
Numerator - Quantity Per Pack	1

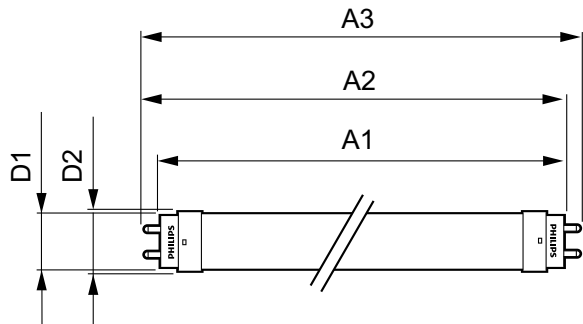
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Numerator - Packs per outer box	1
Material Nr. (12NC)	929001845763
Net Weight (Piece)	0.063 kg

## 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](http://www.philips.com/tled)

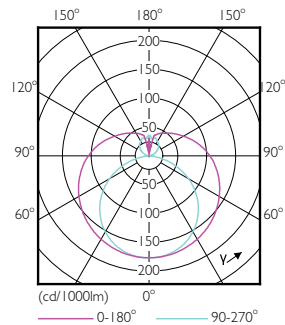
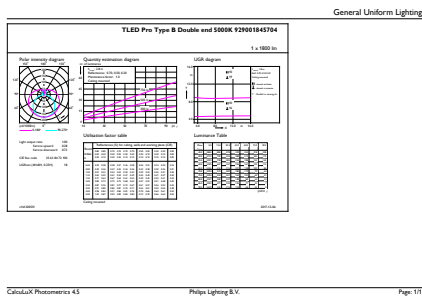
## Dimensional drawing



TLED IF CorePro 4ft 1800lm 5000K

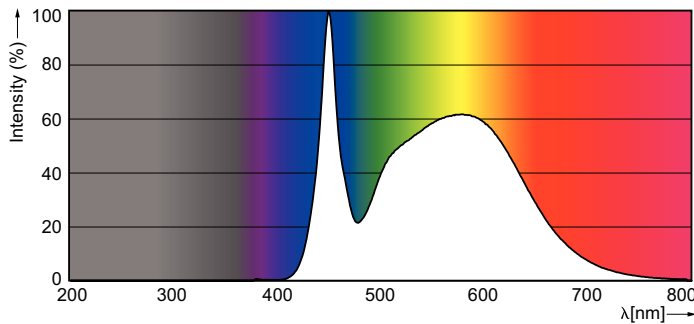
Product	D1	D2	A1	A2	A3
14T8/COR/48-850/MF18/G 1/4 FFP	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtube 14W G13 850 ND BB18

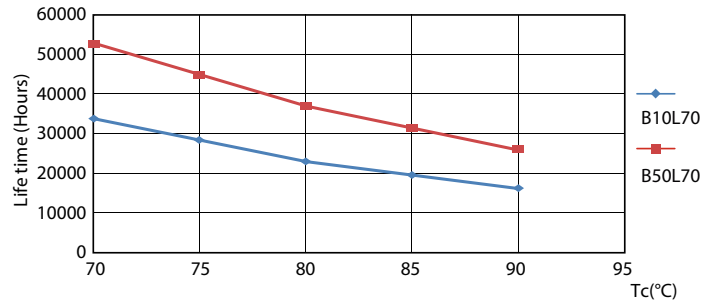
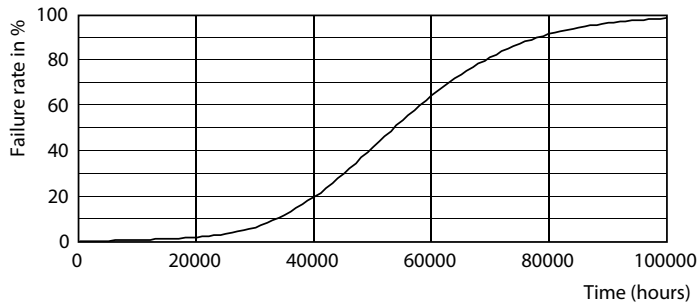
LEDtube 14W G13 830 ND BB17



LEDtube 1200mm 12W G13/850

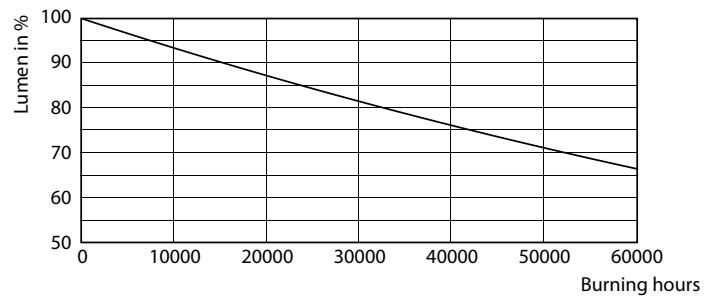
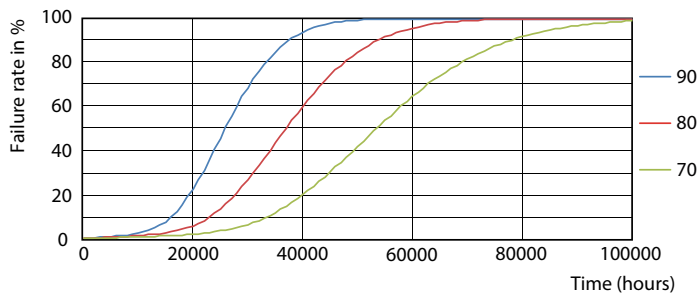
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## Lifetime



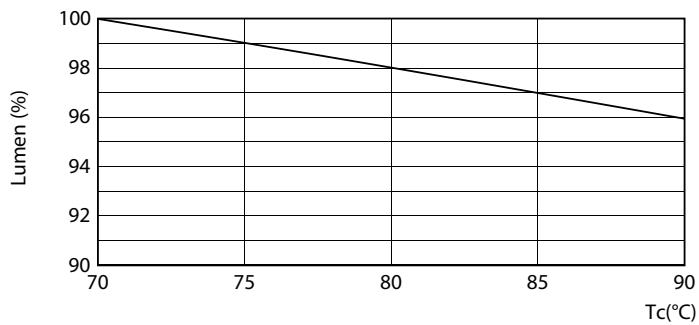
LEDtube 14W G13 830-850 ND BB17-18

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