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14T8PRO/48-850/BB18/G 10/1 FB

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General Information	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1800 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	128.00 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 (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

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Approval and Application

Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Consumption kWh/1000 h	- kWh
Energy Certifications	DLC Standard

Product Data

Order product name	14T8PRO/48-850/BB18/G 10/1 FB
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EAN/UPC - Product	046677477349
Order code	477349
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001845704
Net Weight (Piece)	0.210 kg
Model Number	9290018457

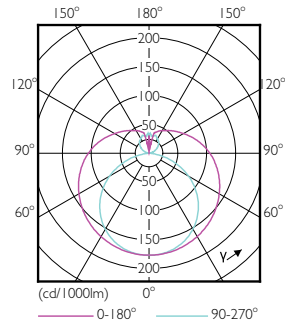
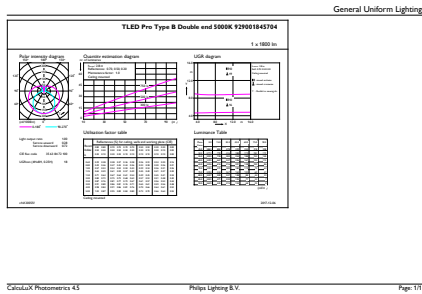
Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
14T8PRO/48-850/BB18/G 10/1 FB	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

TLED IF CorePro 4ft 1800lm 5000K

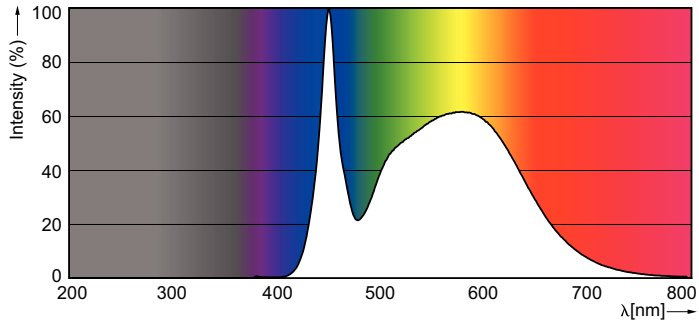
Photometric data



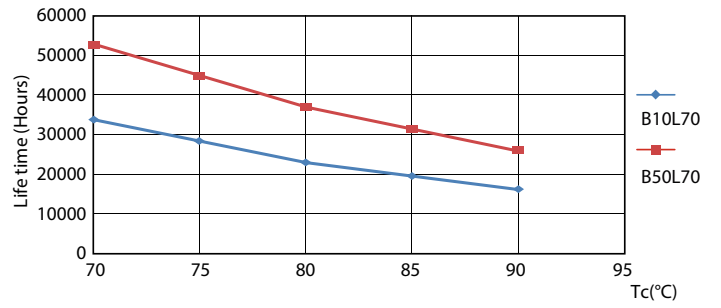
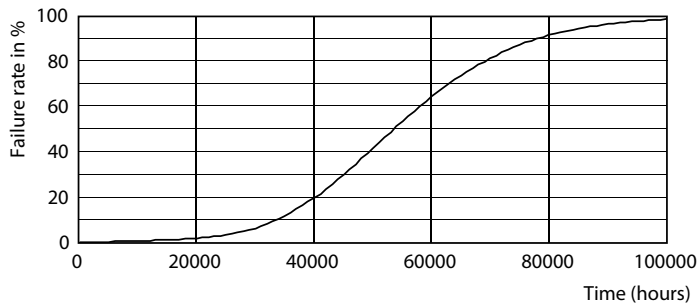
LEDtube 14W G13 850 ND BB18

LEDtube 14W G13 830 ND BB17

Photometric data

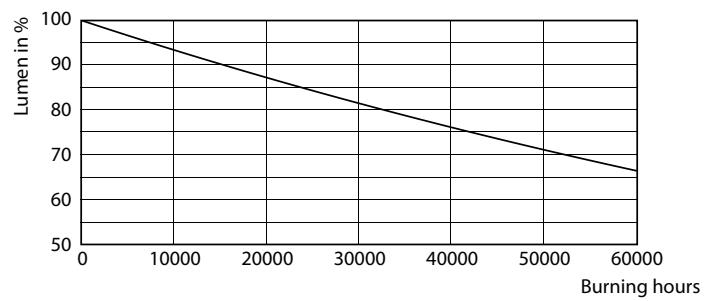
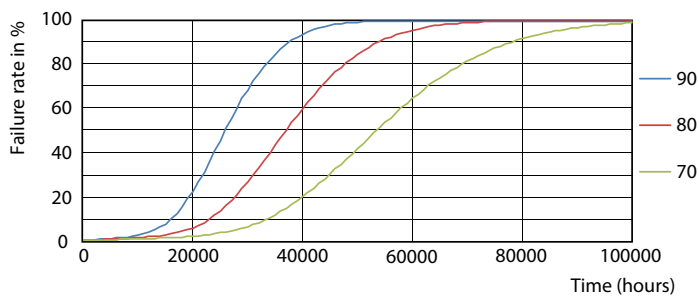


Lifetime



LEDtube 14W G13 830-850 ND BB17-18

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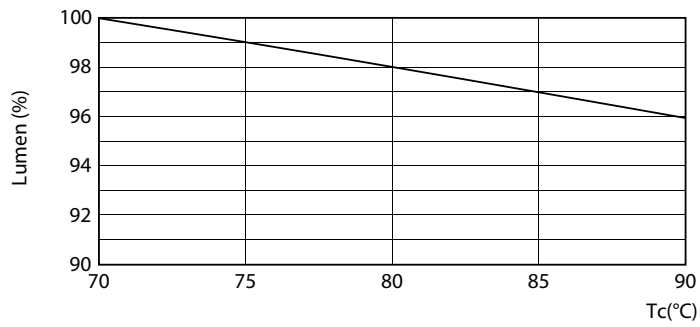


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Lifetime



LEDtube 14W G13 830-850 ND BB17-18

