



T8

16.5T8PRO/48-830/BB20/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	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2000 lm
Correlated Color Temperature (Nom)	3000 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)	16.5 W
Lamp Current (Max)	154 mA
Lamp Current (Min)	55 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

T8

Approbation Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
Product Data	
Order product name	16.5T8PRO/48-830/BB20/G 10/1 FB
EAN/UPC - Product	046677471743
Order code	471748

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001363134
Net Weight (Piece)	0.210 kg
Model Number	9290013631a

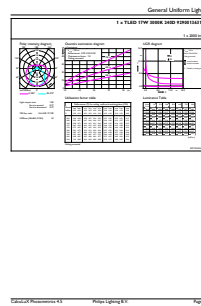
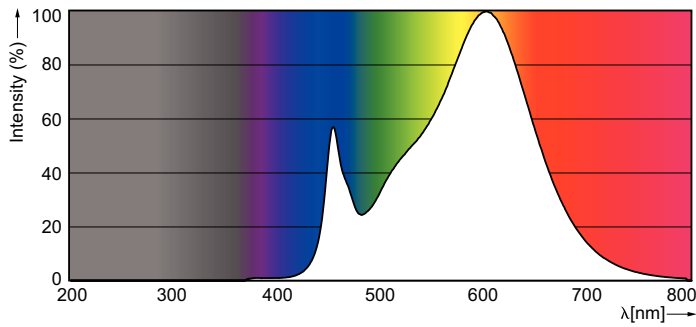
Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
16.5T8PRO/48-830/BB20/G 10/1 FB	25.7 mm	26 mm	1200 mm	1207 mm	1214 mm

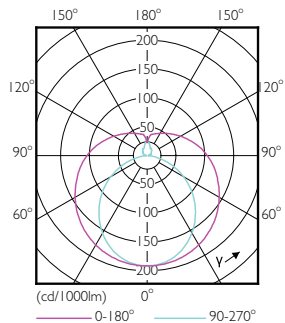
TLED IF CorePro 4ft 2000lm 3000K

Photometric data



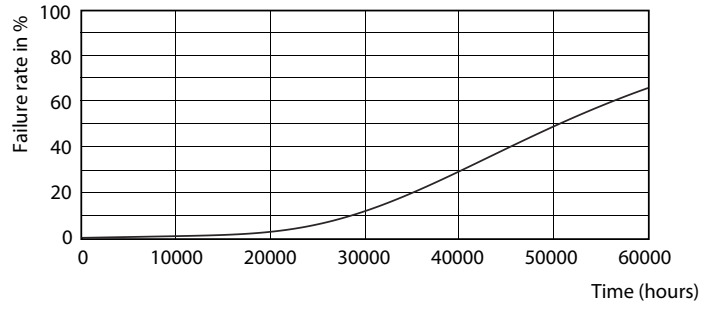
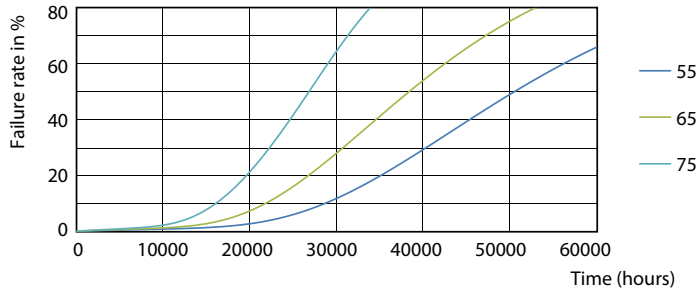
LEDtube 1500 mm 26 W, 830, G13, T8, UO

Mains DLC 120-277V 17W 2000lm 3000K ND



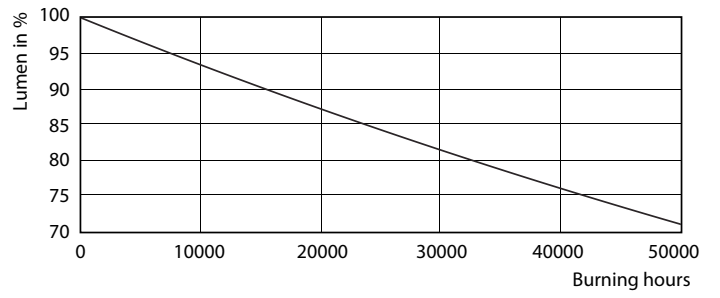
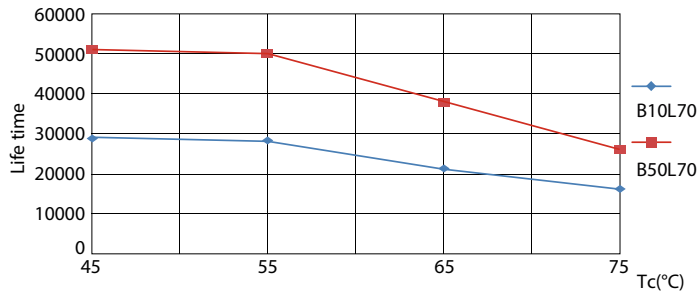
Mains DLC 17W 2000-2100lm 3000_5000K ND

Lifetime



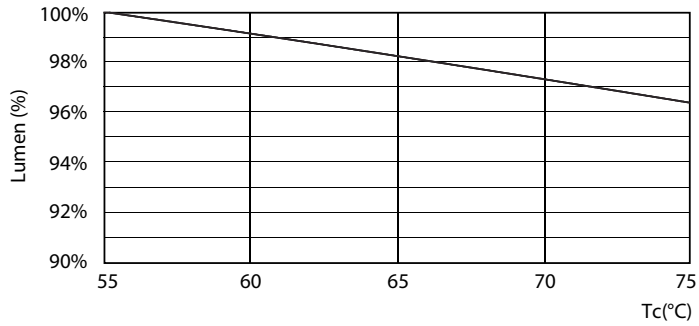
Mains DLC 17W 2000-2100lm 3000_5000K ND

Mains DLC 17W 2000-2100lm 3000_5000K ND



Mains DLC 17W 2000-2100lm 3000_5000K ND

Mains DLC 17W 2000-2100lm 3000 5000K ND



Mains DLC 17W 2000-2100lm 3000 5000K ND

