



T8

16.5T8/BCP/48-850/MF21/G 25/1

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	
Cap-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 °
Luminous Flux (Nom)	2100 lm
Color Designation	Daylight [Daylight]
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	127.00 lm/W
Color Consistency	<5
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

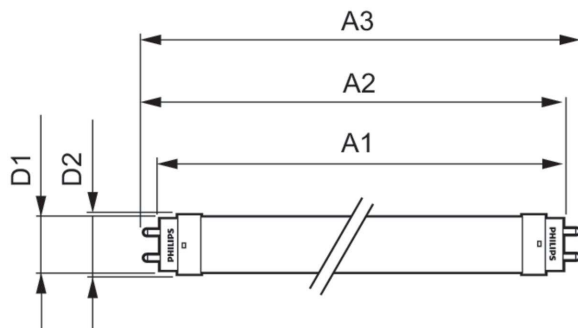
Lamp Current (Max)	134 mA
Lamp Current (Min)	58 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type B; UL classified double end
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C
Controls and dimming	
Dimmable	Limited
Mechanical and housing	
Bulb Finish	Frosted

T8

Bulb Material	Glass
Product Length	1200 mm
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Product data	
Order product name	16.5T8/BCP/48-850/MF21/G 25/1

EAN/UPC - Product	046677579067
Order code	579060
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003510804
Net Weight (Piece)	0.190 kg

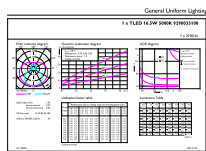
Dimensional drawing



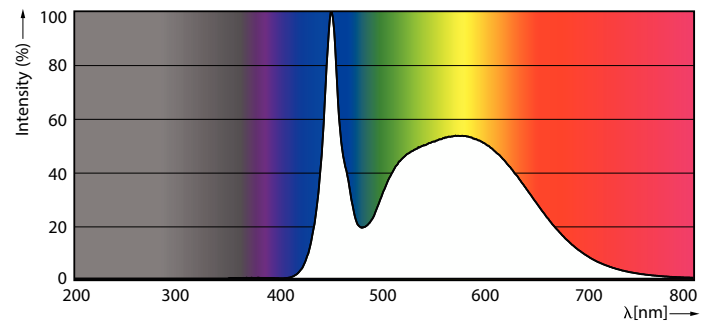
16.5T8/BCP/48-850/MF21/G 25/1

Product	D1	D2	A1	A2	A3
16.5T8/BCP/48-850/MF21/G 25/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data

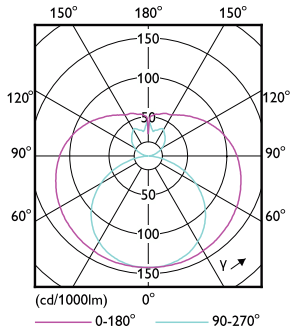


LEDtube BCP NAM 16,5W G13 2100lm 850-GUL



LEDtube BCP NAM 16,5W G13 2100lm 850-POC

Photometric data

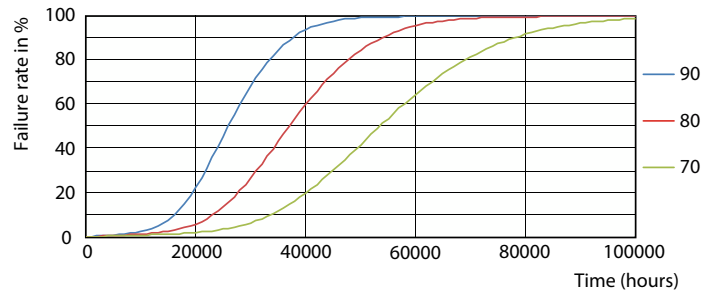


LEDtube BCP NAM 16,5W G13 2100lm 1-LDD

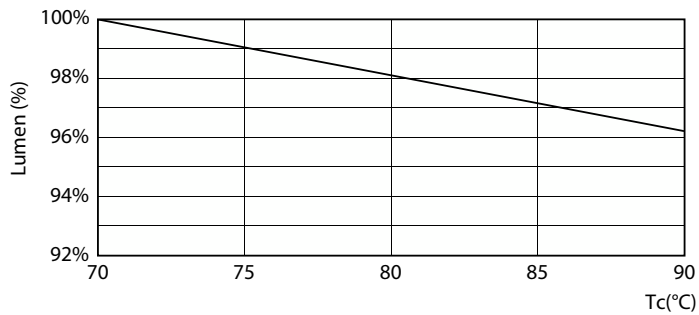
Lifetime



LEDtube 50K-LED



LEDtube 50K 7090 FailureRate-LED



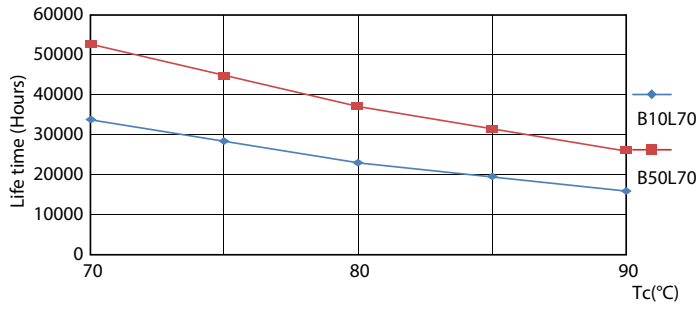
LEDtube BCP NAM 16,5W 50K LumenVsTc-LMP



LEDtube 50K-LMP

T8

Lifetime



LEDtube 50K 7090 LifetimeVsTc-LED

