



T8

16.5T8/COR/48-835/MF20/G 10/1

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.

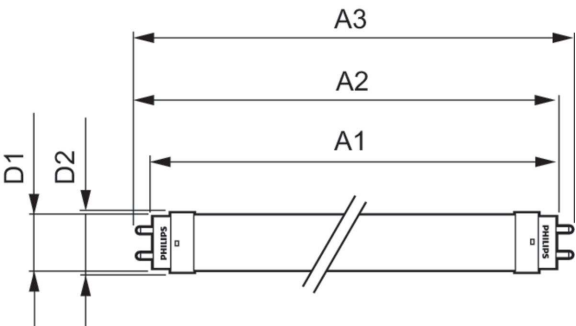
Product data

General Information		Input Frequency	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	16.5 W
Nominal lifetime	50,000 hour(s)	Lamp Current (Max)	154 mA
Switching Cycle	50,000	Lamp Current (Min)	55 mA
Lighting Technology	LED	Starting Time (Nom)	0.5 s
EU RoHS compliant	Yes	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.9
Color Code	835 [CCT of 3500K]	Voltage (Nom)	120-277 V
Beam Angle (Nom)	240 degree(s)	UL Type	Type B - bypass the ballast
Luminous Flux	2,000 lm	Temperature	
Color Designation	White (WH)	Ambient temperature range	-20 °C to 45 °C
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	70 °C
Luminous Efficacy (rated) (Nom)	121.00 lm/W	Controls and Dimming	
Color Consistency	<6	Dimmable	No
Color rendering index (CRI)	80	Mechanical and Housing	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish	Frosted
Operating and Electrical		Bulb Material	Glass
Line Frequency	50 to 60 Hz		

Product Length	1,200 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	16.5T8/COR/48-835/MF20/G 10/1

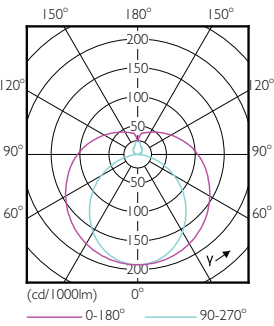
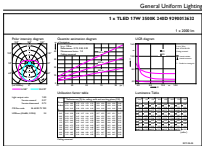
Full product name	16.5T8/COR/48-835/MF20/G 10/1
Order code	929001363264
Material Nr. (12NC)	929001363264
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677471750
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677471755

Dimensional drawing



Product	D1	D2	A1	A2	A3
16.5T8/COR/48-835/MF20/G 10/1	25.7 mm	26 mm	1,200 mm	1,207 mm	1,214 mm

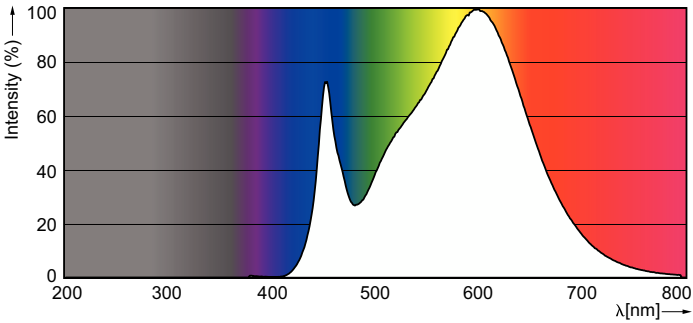
Photometric data



General uniform lighting - 16.5T8/COR/48-835/MF20/G 10/1

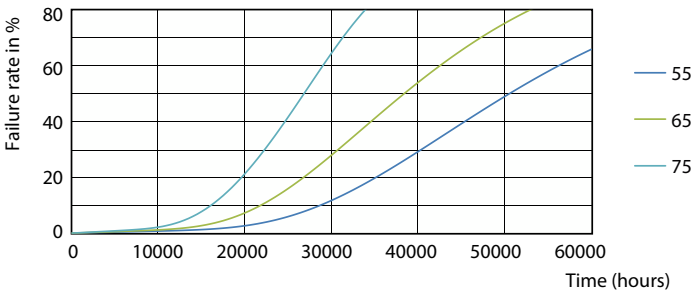
Light Distribution Diagram - 16.5T8/COR/48-835/MF20/G 10/1

Photometric data

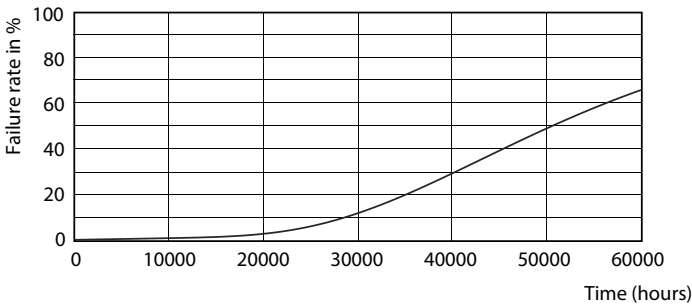


Spectral Power Distribution Colour - 16.5T8/COR/48-835/MF20/G 10/1

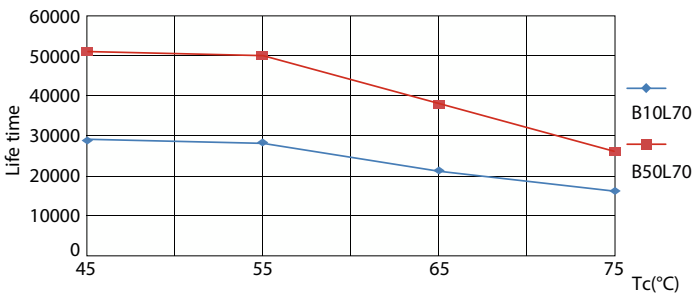
Lifetime



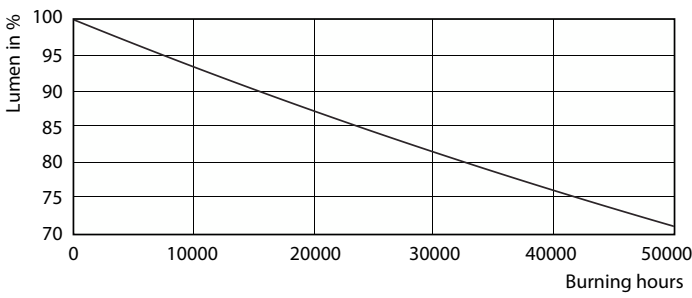
Life Expectancy Diagram - 16.5T8/COR/48-835/MF20/G 10/1



Life Expectancy Diagram - 16.5T8/COR/48-835/MF20/G 10/1

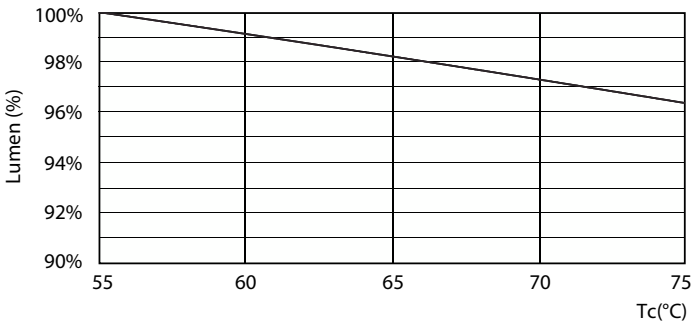


Life Expectancy Diagram - 16.5T8/COR/48-835/MF20/G 10/1



Lumen Maintenance Diagram - 16.5T8/COR/48-835/MF20/G 10/1

Lifetime



Lumen Maintenance Diagram - 16.5T8/COR/48-835/MF20/G 10/1

