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15T8/COR/48-835/MF20/G 10/1

Philips MainsFit (UL Type B) CorePro T8 LED tubes deliver high-quality, flicker free performance at an affordable price. The UL Type B LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to Philips and realize 50,000 hour LED lifetime backed by a 5-year, full replacement limited warranty.

Product data

General Information	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	15-25-28-30-32W

Light Technical	
Color Code	835 [CCT of 3500K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	133.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	15 W
Lamp Current (Max)	125 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	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1200 mm

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

Product Data	
Order product name	15T8/COR/48-835/MF20/G 10/1

EAN/UPC - Product	046677471750
Order code	471755
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002394904
Net Weight (Piece)	0.215 kg
Model Number	9290023949

Dimensional drawing

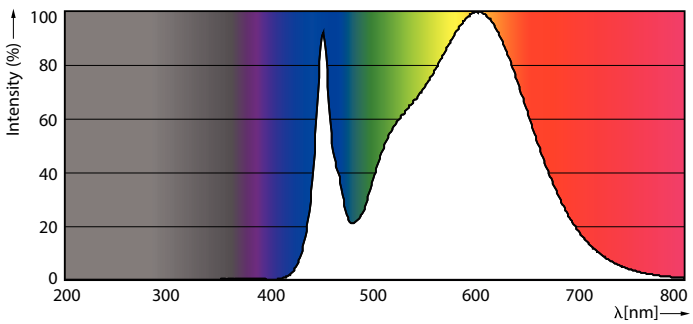
A3

Product

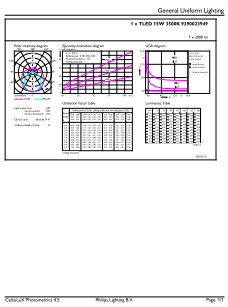
15T8/COR/48-835/MF20/G 10/1

TLED T8 120-277V 15-32W 2000lm 3500K G13

Photometric data

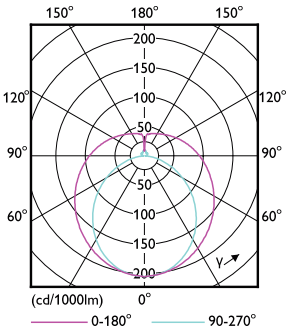


LEDtube G13 835 COR



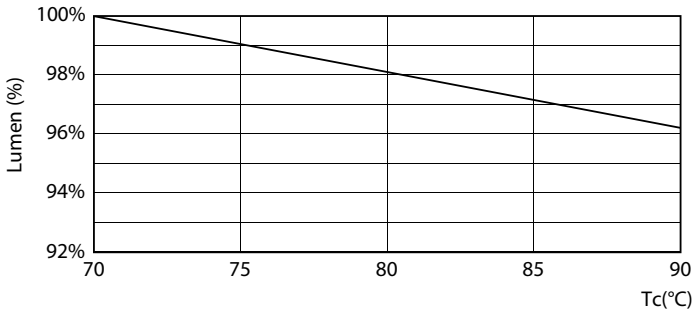
LEDtube 15W G13 2000lm 835

Photometric data

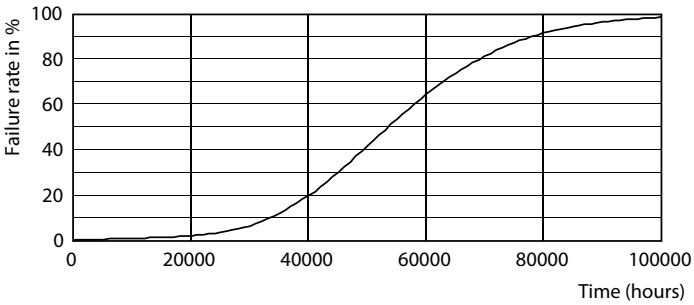


LEDtube G13 COR

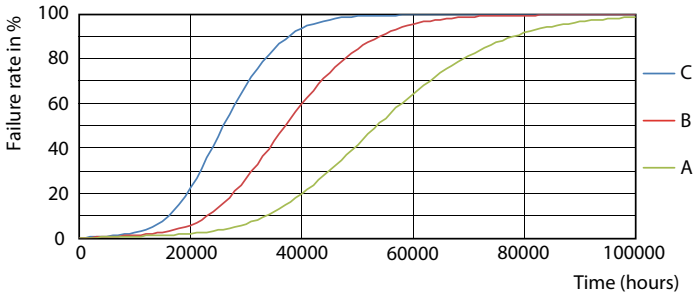
Lifetime



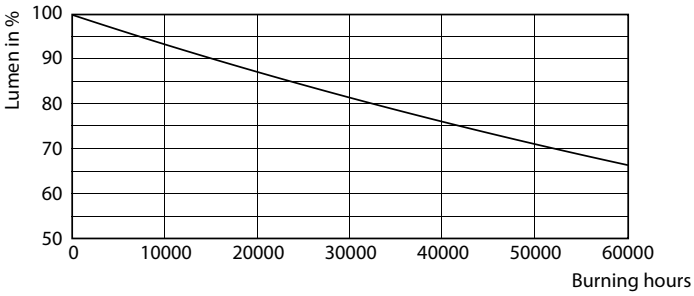
LEDtube 15W 50K LumenVsTc



LEDtube 50K-LED



LEDtube 50K FailureRate-LED



LEDtube 50K-LMP

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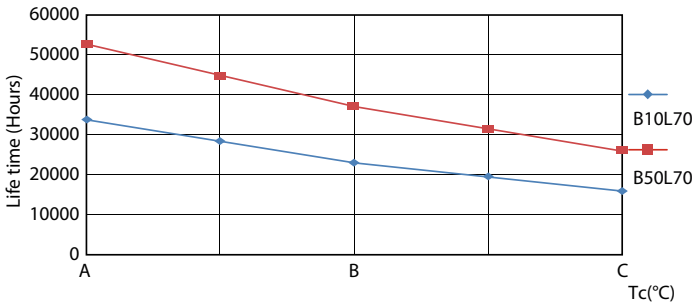
Lifetime



LEDtube 50K LifetimeVsTc-LED

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