

T8

12.5T8/COR/48-830/MF17/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	12.5-25-28-30-32W

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	136.00 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)	12.5 W
Lamp Current (Max)	105 mA

Lamp Current (Min)	45 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)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	48 in

T8

Approval and Application

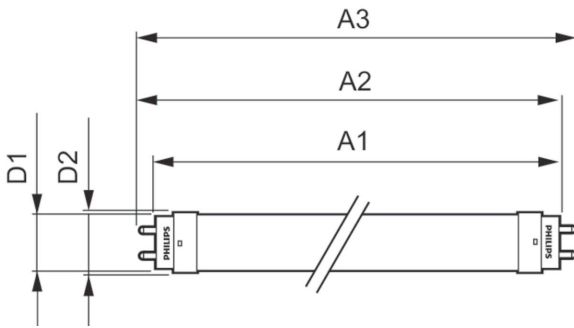
Energy Efficiency Label (EEL)	Not applicable
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	12.5T8/COR/48-830/MF17/G 10/1
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EAN/UPC - Product	046677477318
Order code	477315
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002394404
Net Weight (Piece)	0.220 kg
Model Number	9290023944

Dimensional drawing

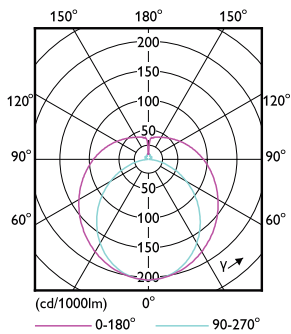


TLED T8 120-277V 12.5-32W 1700lm 3000K

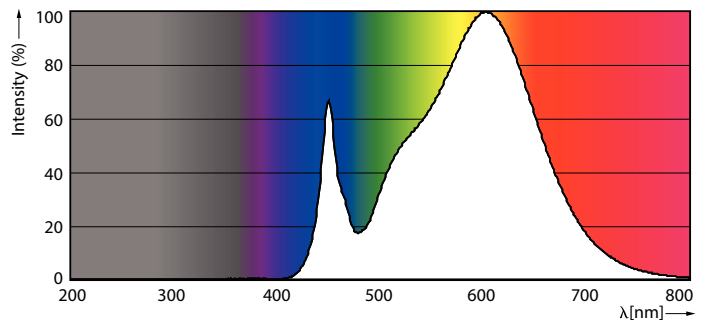
Product

12.5T8/COR/48-830/MF17/G 10/1

Photometric data

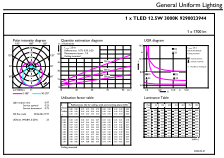


LEDtube G13 COR



LEDtube G13 830 COR

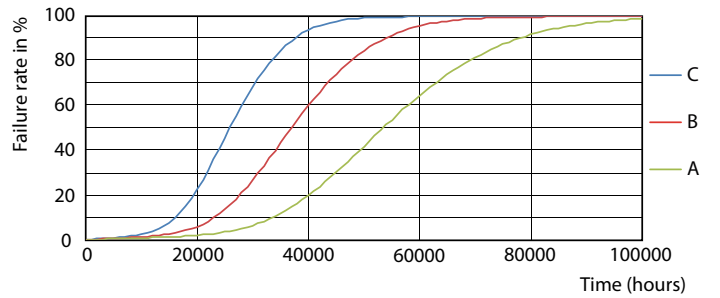
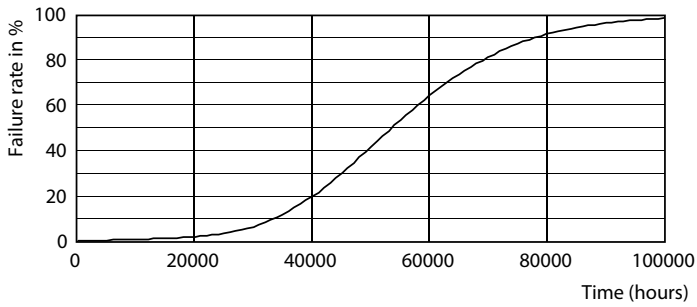
Photometric data



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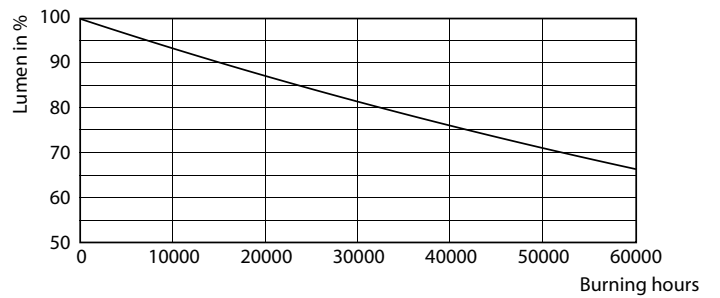
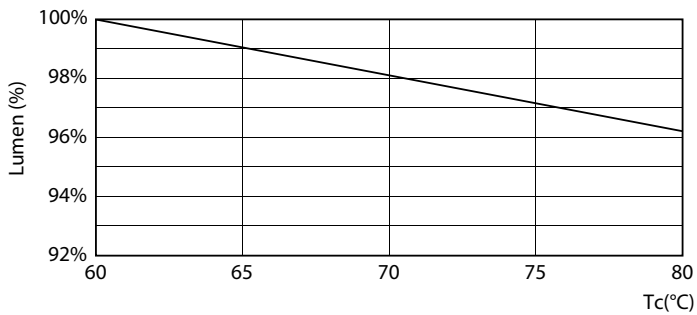
LEDtube 12,5W G13 1700lm 830

Lifetime



LEDtube 50K-LED

LEDtube 50K FailureRate-LED



LEDtube 12,5W 50K LumenVsTc

LEDtube 50K-LMP

Lifetime



LEDtube 50K LifetimeVsTc-LED

