

T8

12T8/COR/48-835/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. The DLC 5.1 listed products are compatible with Philips new PTB15D emergency driver meeting UL 924 requirements.

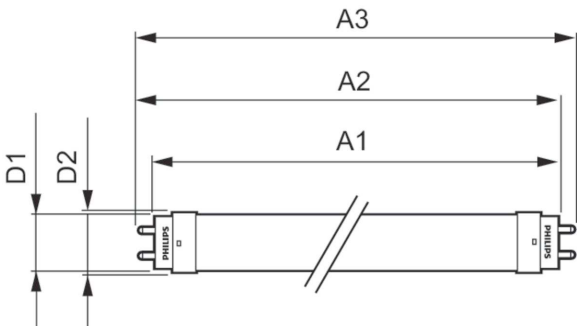
Product data

General information			
Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Max)	102 mA
EU RoHS compliant	Yes	Lamp Current (Min)	48 mA
Nominal Lifetime (Nom)	50000 h	Wattage Equivalent	32 W
Switching Cycle	50000	Starting Time (Nom)	0.5 s
Technical Type	12-32W	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	Type B - bypass the ballast
Color Code	835 [CCT of 3500K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277 V
Initial lumen (Nom)	1700 lm	Temperature	
Color Designation	White (WH)	T-Ambient (Max)	113 °F
Correlated Color Temperature (Nom)	3500 K	T-Ambient (Min)	-4 °F
Luminous Efficacy (rated) (Nom)	141.00 lm/W	T-Ambient (Min)-DUP(do not use)	-4 °F
Color Consistency	<6	T-Storage (Max)	149 °F
Color Rendering Index (Nom)	80	T-Storage (Min)	-40 °F
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Case Maximum (Nom)	158 °F
Operating and electrical		Controls and dimming	
Input Frequency	50 to 60 Hz	Dimmable	Limited
Power (Rated) (Nom)	12 W		

Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	48 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product data	
Order product name	12T8/COR/48-835/MF17/G 10/1
EAN/UPC - Product	046677563493
Order code	563494
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484104
Net Weight (Piece)	0.474 lb
Model Number	9290024841

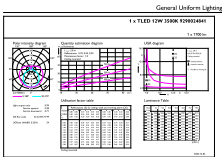
Dimensional drawing



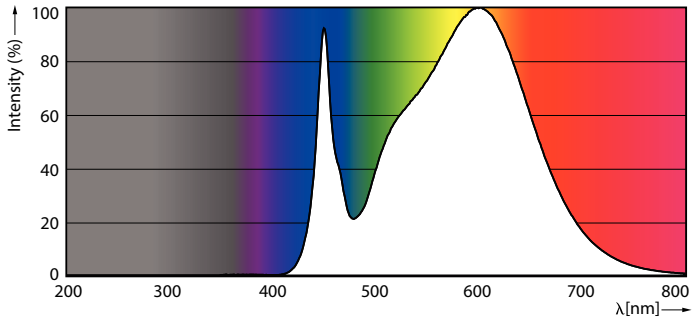
12T8/COR/48-835/MF17/G 10/1

Product	D1	D2	A1	A2	A3
12T8/COR/48-835/MF17/G 10/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

Photometric data

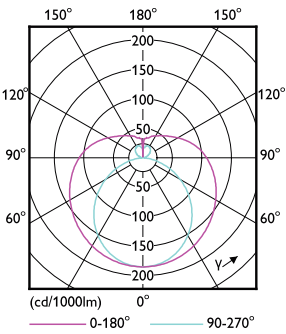


LEDtube COR 12W G13 1700lm 835



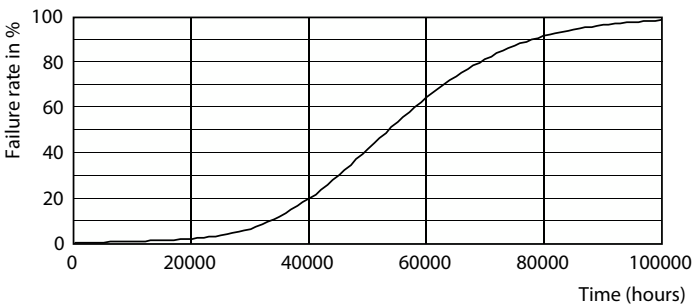
LEDtube COR 9,9W G13 1550lm 835

Photometric data

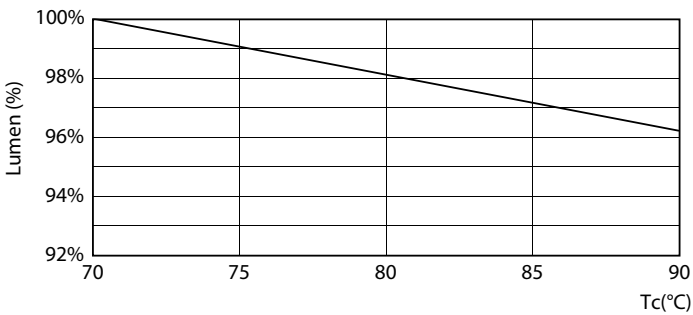


LEDtube COR 9,9W G13 1550lm

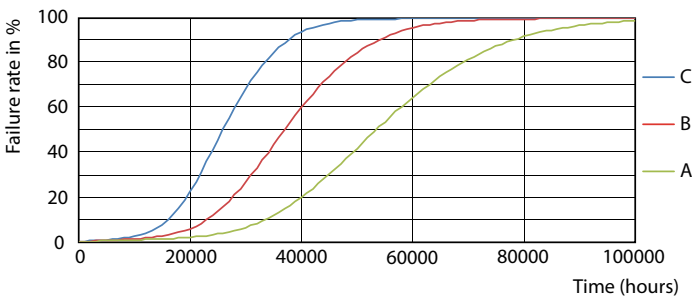
Lifetime



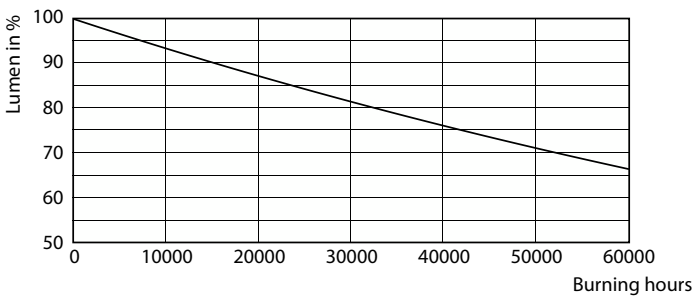
Life Expectancy Diagram



LEDtube COR 9,9W 50K LumenVsTc

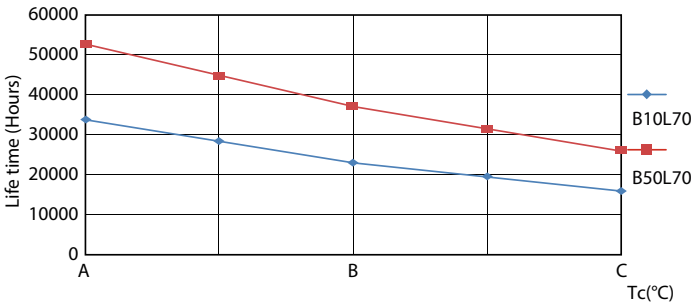


LEDtube 50K FailureRate-LED



Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

