



T8

12T8/COR/48-840/MF18/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.

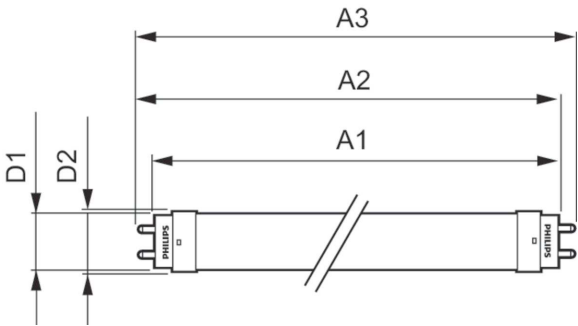
Product data

General information		Power (Nom)	
Cap-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
Tier	CorePro	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	Type B - bypass the ballast
Color Code	840 [CCT of 4000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277 V
Luminous Flux (Nom)	1800 lm	Temperature	
Color Designation	Cool White (CW)	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	4000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	150.00 lm/W	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)	70 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming	
Operating and electrical		Dimmable	Limited
Input Frequency	50 to 60 Hz		

Mechanical and housing	
Bulb Finish	Frosted
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
Energy Consumption kWh/1000 h	- kWh

Product data	
Order product name	12T8/COR/48-840/MF18/G 10/1
EAN/UPC - Product	046677563509
Order code	929002484204
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002484204
Net Weight (Piece)	0.215 kg
Model Number	9290024842

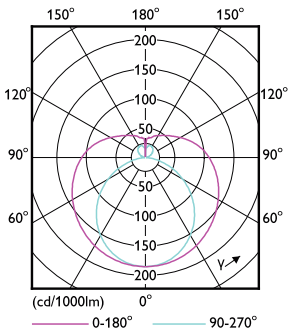
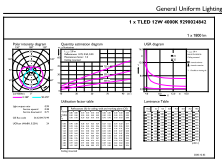
Dimensional drawing



12T8/COR/48-840/MF18/G 10/1

Product	D1	D2	A1	A2	A3
12T8/COR/48-840/MF18/G 10/1	25.7 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

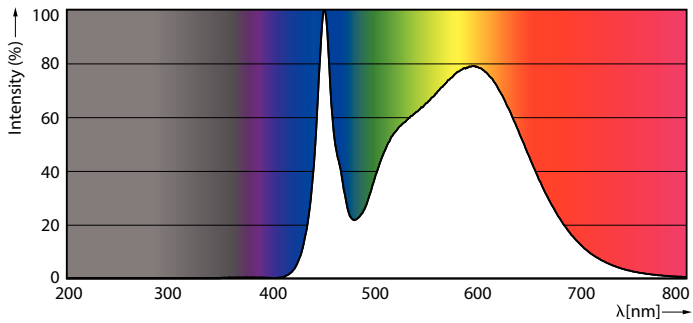
Photometric data



LEDtube COR 12W G13 1800lm 840

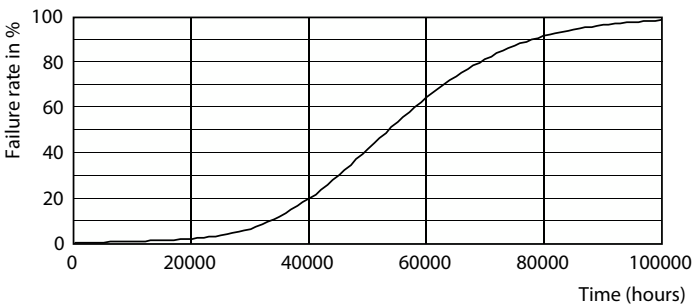
LEDtube COR 9,9W G13 1550lm

Photometric data

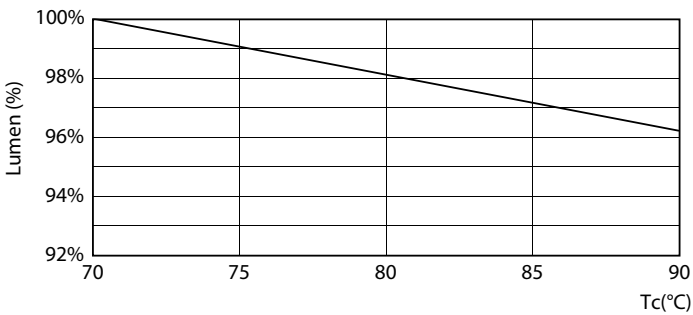


LEDtube COR 9,9W G13 1600lm 840

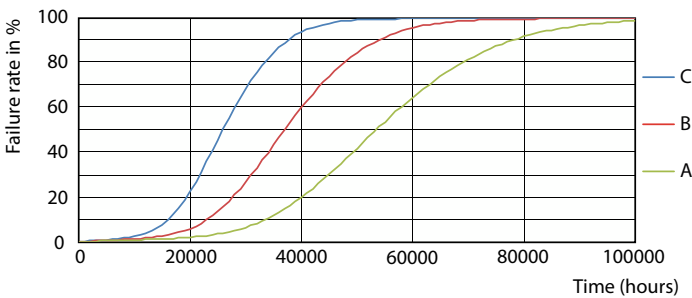
Lifetime



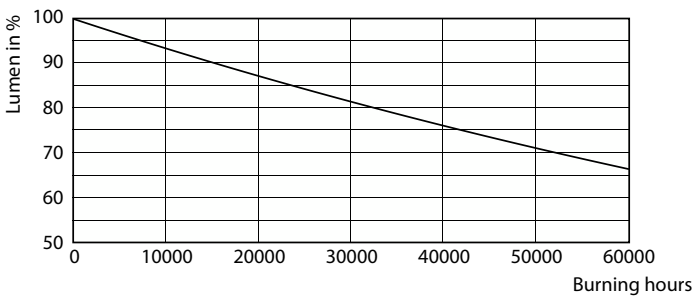
Life Expectancy Diagram



LEDtube COR 9,9W 50K LumenVsTc

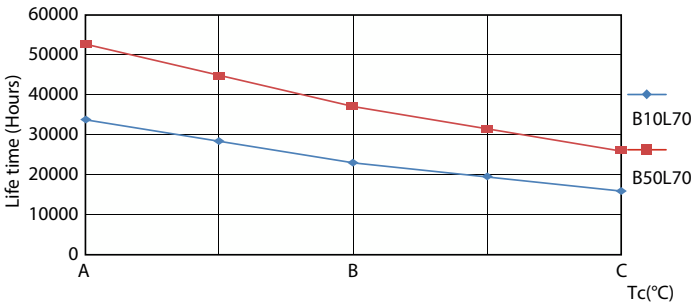


FailureRate



Lumen Maintenance Diagram

Lifetime



LifetimeVsTc

