



T8

15T8/COR/48-850/MF21/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		Lamp Current (Min)	
Base	G13 [Medium Bi-Pin Fluorescent]		55 mA
EU RoHS compliant	Yes	Wattage Equivalent	32 W
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.5 s
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	0.5 s
Technical Type	15-25-28-30-32W	UL Type	Type B - bypass the ballast
		Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light technical		Temperature	
Color Code	850 [CCT of 5000K]	T-Ambient (Max)	113 °F
Beam Angle (Nom)	240 °	T-Ambient (Min)	-4 °F
Initial lumen (Nom)	2100 lm	T-Storage (Max)	149 °F
Color Designation	Daylight	T-Storage (Min)	-40 °F
Correlated Color Temperature (Nom)	5000 K	T-Case Maximum (Nom)	158 °F
Luminous Efficacy (rated) (Nom)	140.00 lm/W		
Color Consistency	<5	Controls and dimming	
Color Rendering Index (Nom)	82	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical		Mechanical and housing	
Input Frequency	50 to 60 Hz	Bulb Finish	Frosted
Power (Rated) (Nom)	15 W	Bulb Material	Glass
Lamp Current (Max)	125 mA	Product Length	48 in

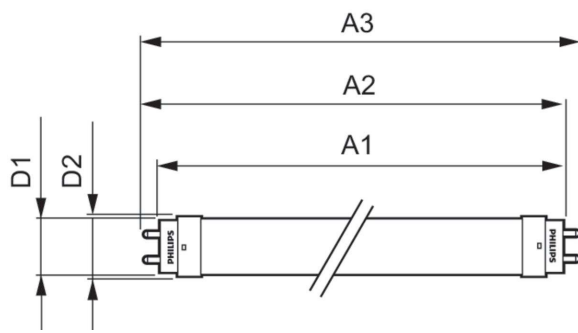
T8

Bulb Shape	Tube, double-ended
Approval and application	
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/48-850/MF21/G 10/1

EAN/UPC - Product	046677471774
Order code	471771
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002395104
Copy Net Weight (Piece)	0.474 lb
Model Number	9290023951

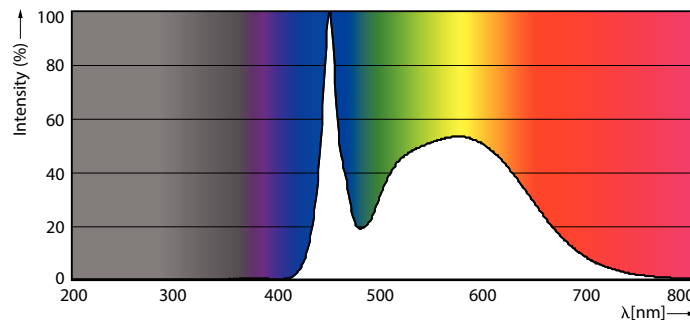
Dimensional drawing



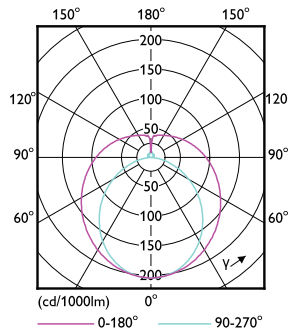
15T8/COR/48-850/MF21/G 10/1

Product
15T8/COR/48-850/MF21/G 10/1

Photometric data

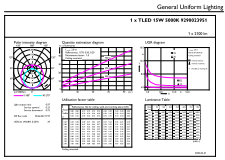


LEDtube G13 850 COR



LEDtube G13 COR

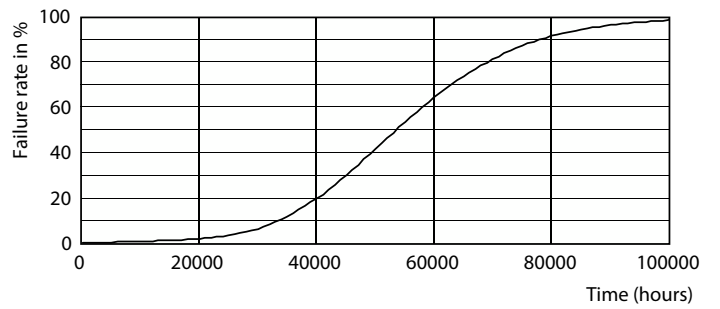
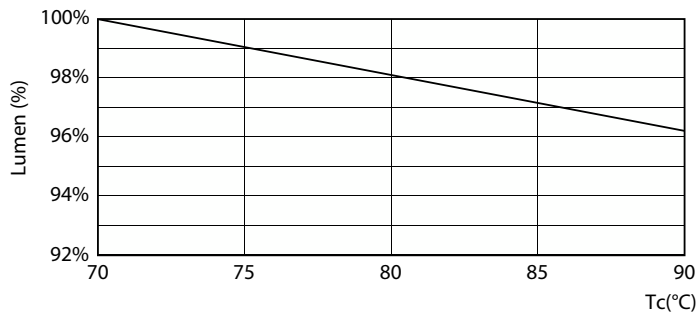
Photometric data



© 2022 Philips Lighting B.V. Page 11

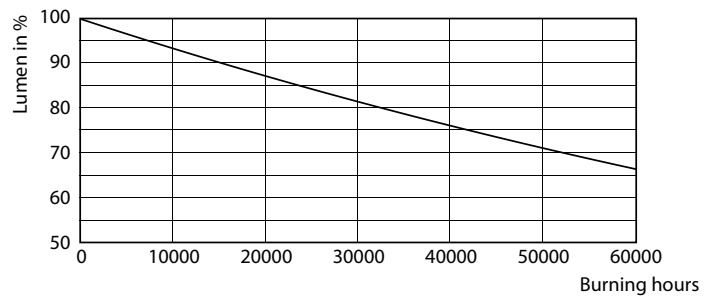
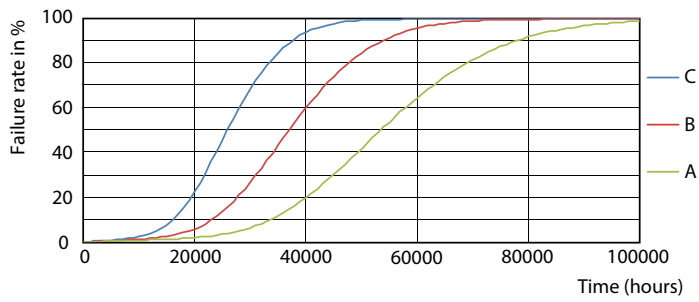
LEDtube 15W G13 2100lm 850

Lifetime



LEDtube 15W 50K LumenVsTc

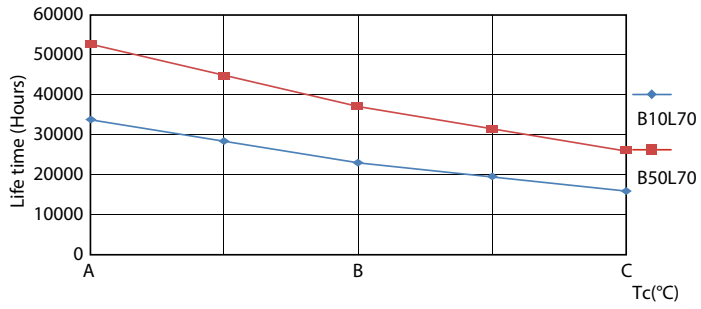
Life Expectancy Diagram



LEDtube 50K FailureRate-LED

Lumen Maintenance Diagram

Lifetime



LEDtube 50K LifetimeVsTc-LED

