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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.
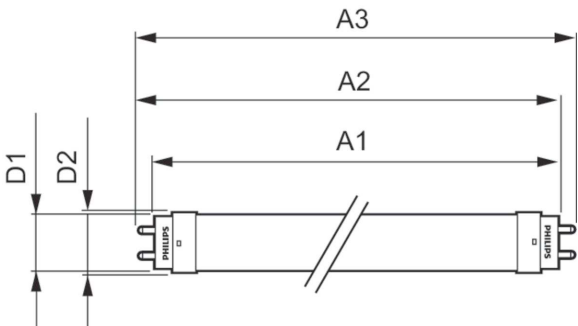
Product data

General Information

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	850 [CCT of 5000K]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	2100 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	140.00 lm/W
Color Consistency	<5
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 ℃
T-Ambient (Min)	–20 ℃
T-Storage (Max)	65 ℃
T-Storage (Min)	–40 ℃
T-Case Maximum (Nom)	70 ℃

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	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
Net Weight (Piece)	0.215 kg
Model Number	9290023951

Dimensional drawing

TLED T8 120-277V 15-32W 2100lm 5000K G13

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

Photometric data
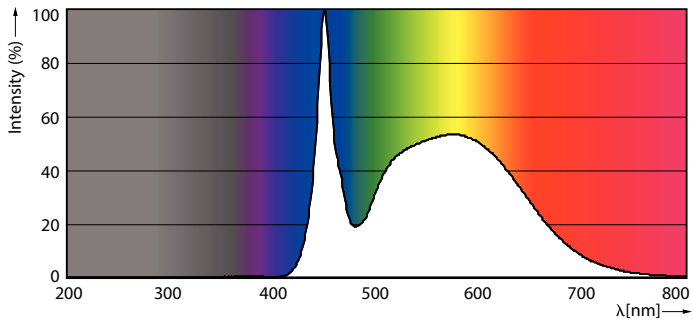
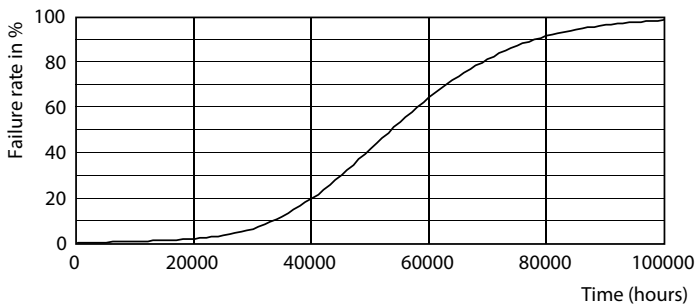

LEDtube G13 850 COR

LEDtube G13 COR

T8
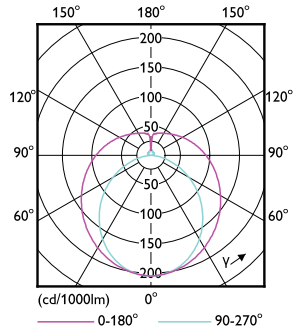
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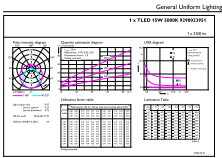
LEDtube 15W G13 2100lm 850
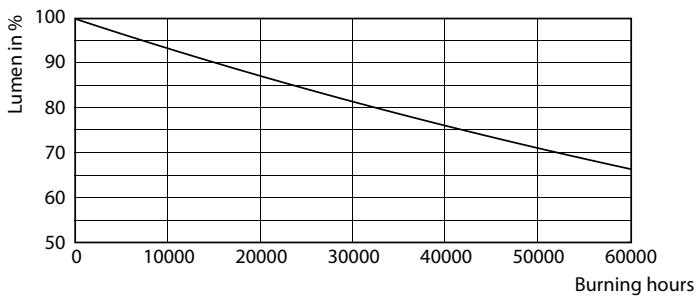
Lifetime
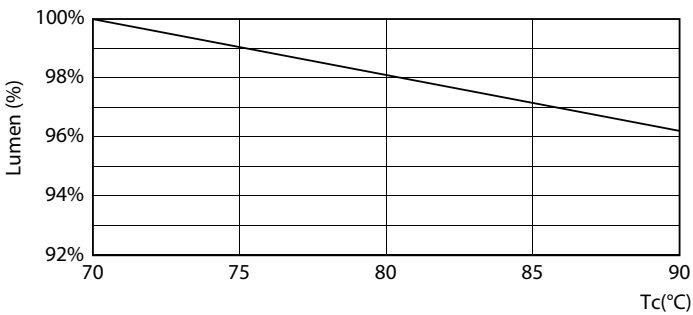
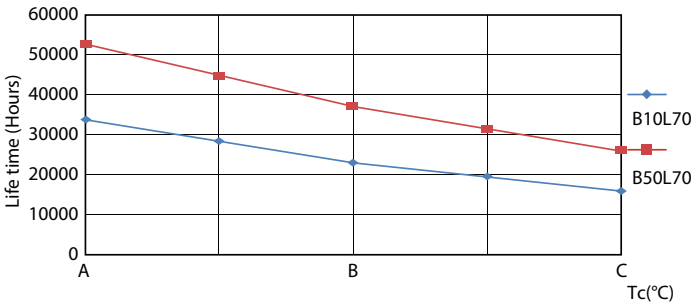**LEDtube 15W 50K LumenVsTc**
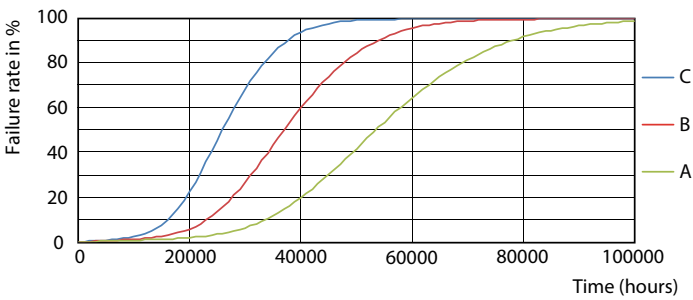
LEDtube 50K-LED

LEDtube 50K FailureRate-LED

LEDtube 50K-LMP

Lifetime

LEDtube 50K LifetimeVsTc-LED

www.lighting.philips.com

2021, February 28 – data subject to change