

T8

14.5T8/MAS/48-830/MF20/P 10/1

Philips MainsFit (UL Type B) MasterClass T8 LED tubes with industry leading reliability, shatter-prevention and lifetime. The UL Type B LED tubes are designed with easy installation and long-term maintenance simplicity in mind. Upgrade your lighting to MasterClass and realize 70,000 hour LED lifetime backed by a 7-year, full replacement limited warranty.

Product data

General Information	
Base	G13 [Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	2000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	137.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	14.5 W
Lamp Current (Max)	125 mA
Lamp Current (Min)	54 mA

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type B - bypass the ballast
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)	70 °C
Controls and Dimming	
Dimmable	Limited
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	48 in
Bulb Shape	Tube, double-ended

T8

Approval and Application

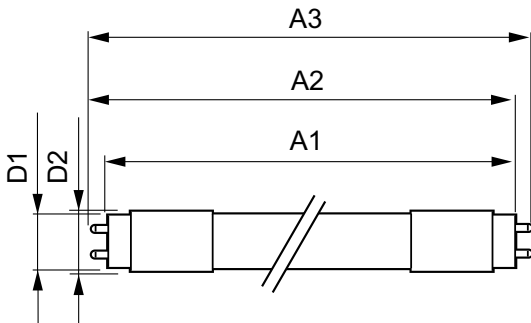
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate DLC compliance

Product Data

Order product name	14.5T8/MAS/48-830/MF20/P 10/1
EAN/UPC - Product	046677575519

Order code	575514
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929002325434
Net Weight (Piece)	0.120 kg
Model Number	9290023254

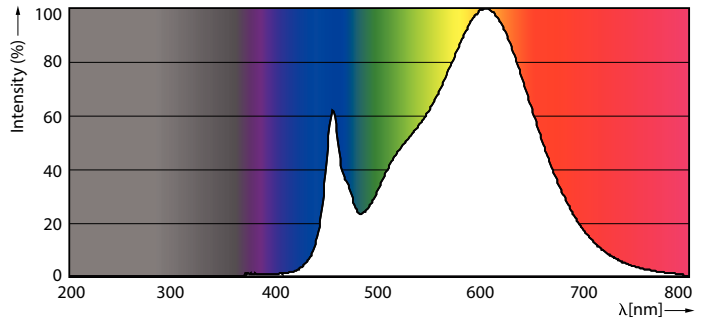
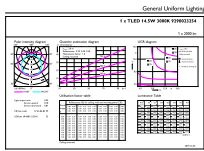
Dimensional drawing



TLED T8 120-277V 14.5-32W 2000lm 3000K

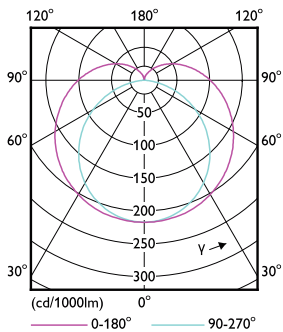
Product	D1	D2	A1	A2	A3
14.5T8/MAS/48-830/MF20/P 10/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



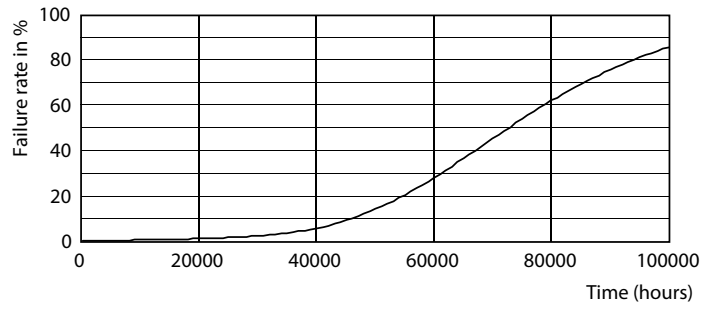
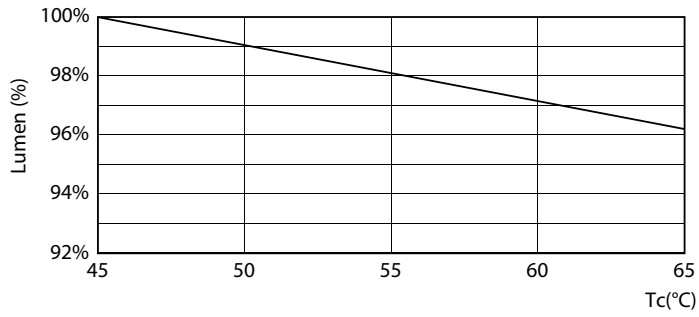
LEDtube_14.5W_G13_830-GUL

LEDtube_G13_830-POC



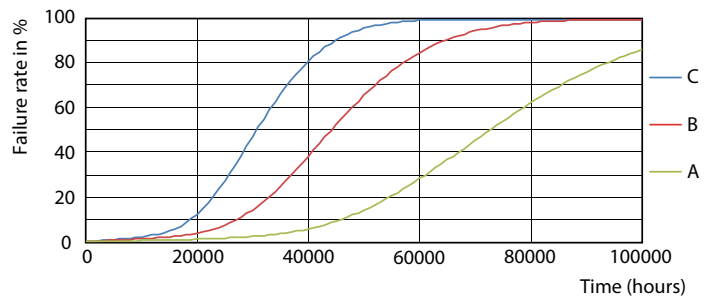
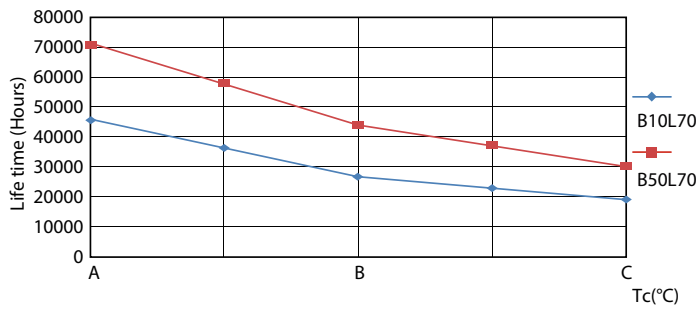
LEDtube_G13_1-LDD

Lifetime



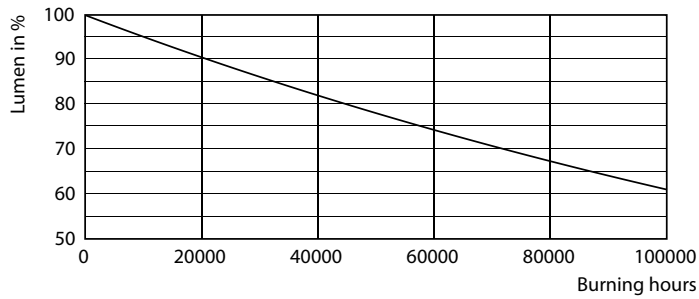
LEDtube_70K_1_LumenVsTc-LMP

LEDtube_70K-LED



LEDtube_70K_LifetimeVsTc-LED

LEDtube_70K_FailureRate-LED



LEDtube_70K-LMP

