



MASTER LEDtube EM/ Mains T8

MASTER LEDtube 1200mm HO VWV 18W 840 T8

The Philips MASTER LEDtube integrates a LED light source into a traditional fluorescent form factor. Its unique design creates a perfectly uniform visual appearance which cannot be distinguished from traditional fluorescent. For those that are looking for value for money within limited budget and re-lamping efforts for better light effect and lifetime.

Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

Product data

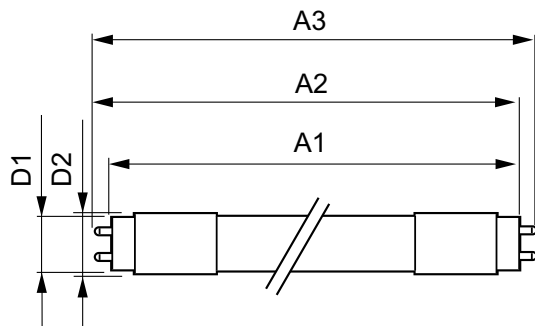
General Information		LLMF At End Of Nominal Lifetime (Nom) 70 %	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		
EU RoHS compliant	Yes		
Nominal Lifetime (Nom)	60000 h		
Switching Cycle	200000X		
Technical Type	18-32-36W		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	160 °	Power (Nom)	18 W
Luminous Flux (Nom)	2100 lm	Lamp Current (Max)	183 mA
Color Designation	Cool White (CW)	Lamp Current (Min)	69 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	116.00 lm/W	Warm Up Time to 60% Light (Nom)	0.5 s
Color Consistency	<6	Power Factor (Nom)	0.90
Color Rendering Index (Nom)	80	Voltage (Nom)	100-277 V
		Temperature	
		T-Ambient (Max)	45 °C
		T-Ambient (Min)	-20 °C
		T-Storage (Max)	65 °C

MASTER LEDtube EM/Mains T8

T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking UL certificate KEMA Keur certificate

Energy Consumption kWh/1000 h	18 kWh
Product Data	
Full product code	871869681119100
Order product name	MASTER LEDtube 1200mm HO VWV 18W 840 T8
EAN/UPC - Product	8718696811191
Order code	929001877312
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001877312
Net Weight (Piece)	0.220 kg

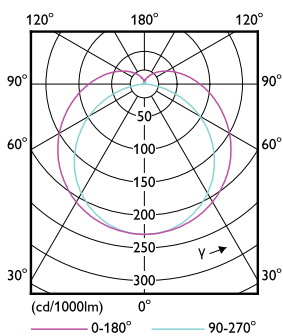
Dimensional drawing



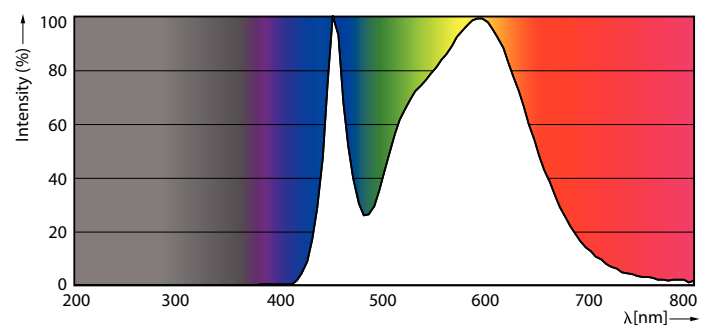
TLED Master 100-277V 2100lm 18W4ft 4000K

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HO VWV 18W 840 T8	25.8 mm	28 mm	1198.2 mm	1205.3 mm	1212.4 mm

Photometric data



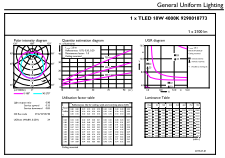
LEDtube_G13_2



LEDtube_18W_G13_2100lm_840

MASTER LEDtube EM/Mains T8

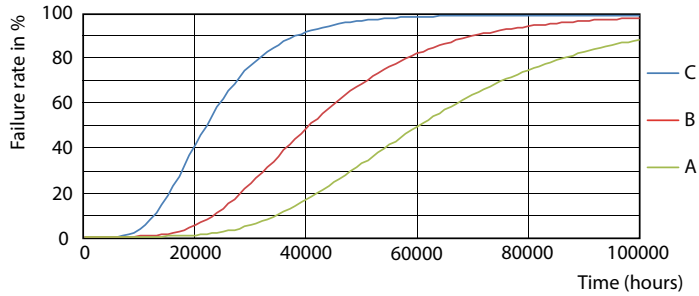
Photometric data



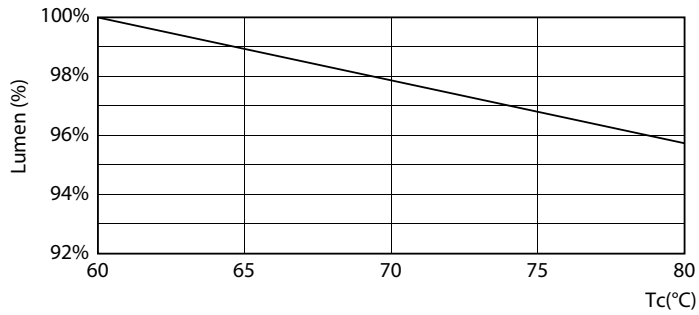
© 2021 Philips Lighting B.V. Page 10/11

LEDtube_18W_G13_2100lm_840_1

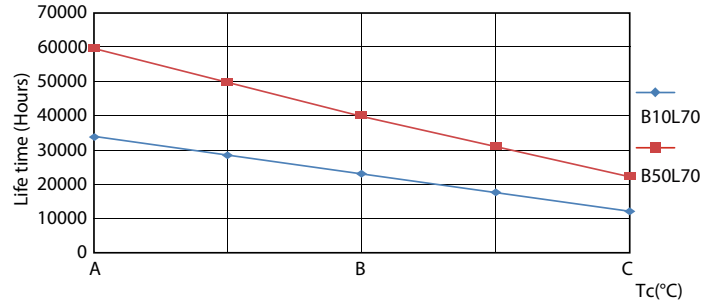
Lifetime



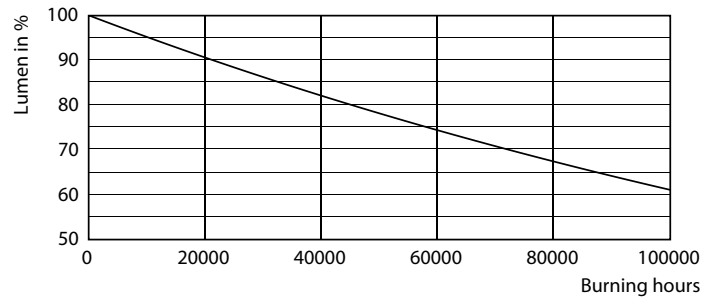
LEDtube_60K_FailureRate



LEDtube_60K_LumenVsTc



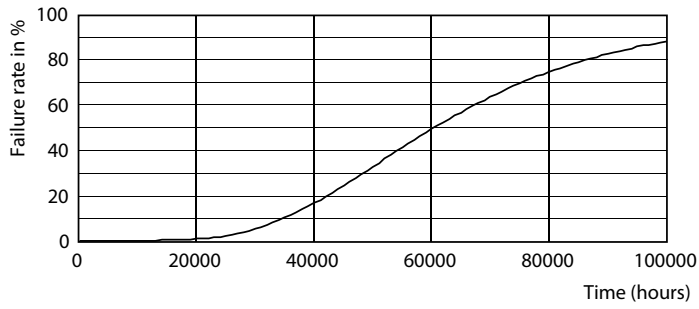
LEDtube_60K_LifetimeVsTc



LEDtube_60K

MASTER LEDtube EM/Mains T8

Lifetime



LEDtube_60K

