



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1500mm UO 24W 840 T8 FF RCA

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.

### Product data

General Information		Temperature	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	Lamp Current (Max)	112 mA
EU RoHS compliant	Yes	Lamp Current (Min)	103 mA
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)	0.5 s
Switching Cycle	200000X	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		Power Factor (Nom)	0.9
Color Code	840 [ CCT of 4000K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	160 °	Temperature	
Luminous Flux (Nom)	3700 lm	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	4000 K	T-Ambient (Min)	-20 °C
Color Consistency	<6	T-Storage (Max)	65 °C
Color Rendering Index (Nom)	83	T-Storage (Min)	-40 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Case Maximum (Nom)	60 °C
Operating and Electrical		Controls and Dimming	
Input Frequency	50 to 60 Hz	Dimmable	No
Power (Nom)	24 W		

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## Mechanical and Housing

Product Length 1500 mm

## Approval and Application

Energy Efficiency Label (EEL) A++  
 Energy Saving Product Yes  
 Approval Marks RoHS compliance TUV CE marking KEMA Keur certificate  
 Energy Consumption kWh/1000 h 24 kWh

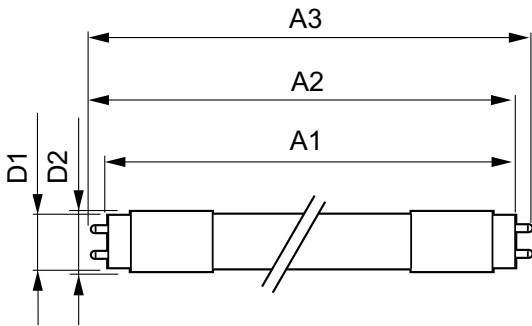
## Product Data

Full product code 871869681807700

Order product name	MASTER LEDtube 1500mm UO 24W 840 T8 FF RCA
EAN/UPC - Product	8718696818077
Order code	929001908308
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001908308
Net Weight (Piece)	0.315 kg

## Warnings and Safety

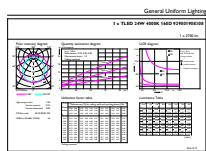
### Dimensional drawing



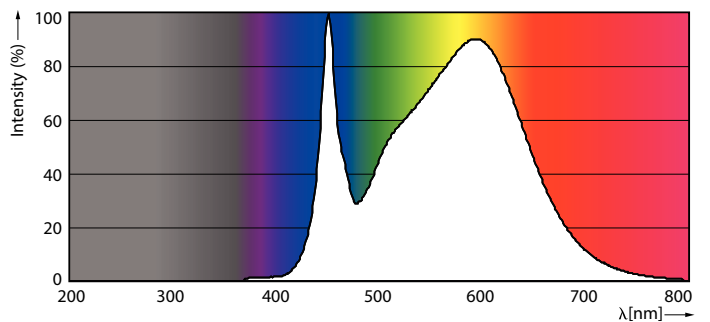
TLED Master UO 5ft low Flicker RCA 4000k

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1500mm UO 24W 840 T8 FF RCA	25.8 mm	28 mm	1498.7 mm	1505.8 mm	1498.7 mm

## Photometric data



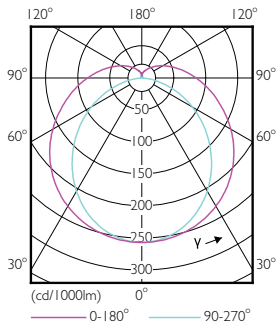
LEDtube G13 24W 4000K 160D



LEDtube G13 24W 4000K 160D

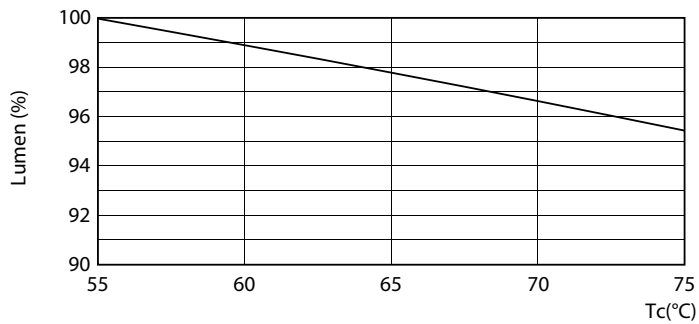
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## Photometric data

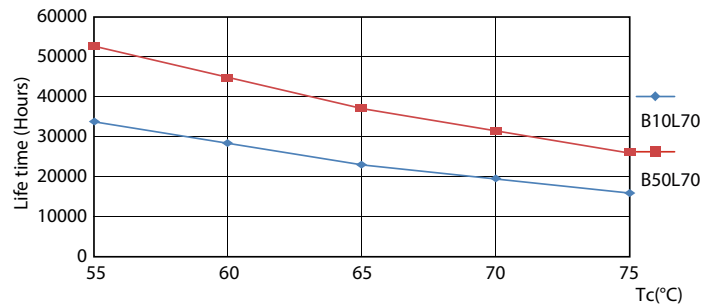


LEDtube G13 16W 3000K 160D

## Lifetime



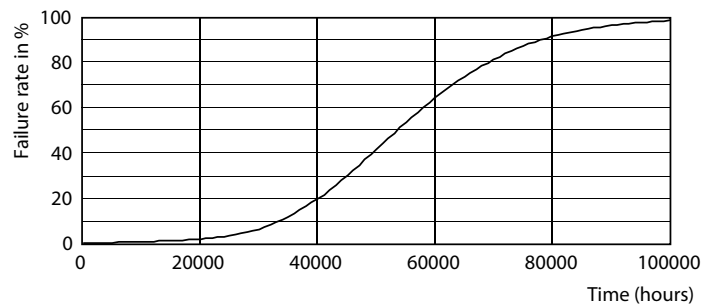
LEDtube G13 24W 3000K 160D LumenVsTc



LEDtube G13 16W 3000K 160D LifetimeVsTc



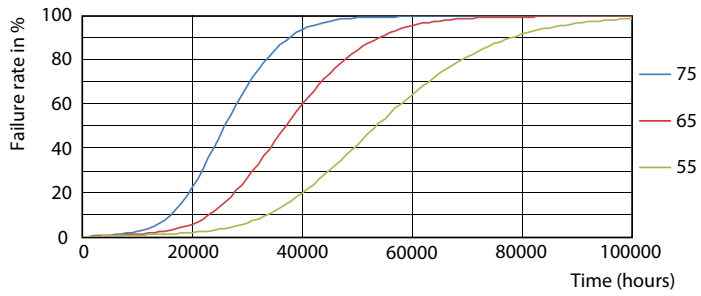
LEDtube G13 16W 3000K 160D



LEDtube G13 16W 3000K 160D

# MASTER LEDtube EM/Mains T8

## Lifetime



LEDtube G13 16W 3000K 160D FailureRate

