



# MASTER LEDtube EM/ Mains T8

## MASTER LEDtube 1800mm 25W 840 T8 ROT

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

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### Product data

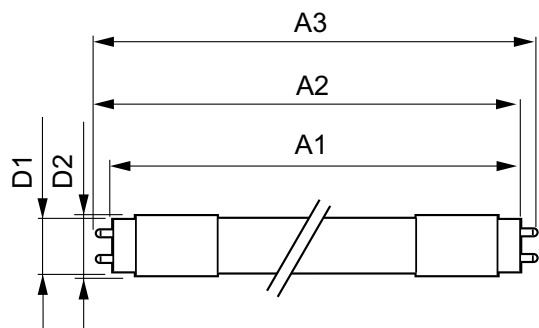
General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	3,700 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	83

LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	25 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-5 °C to 30 °C
T-Case Maximum (Nom)	61 °C

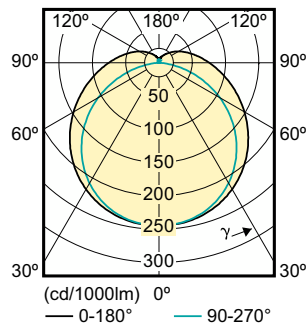
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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,800 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	25 kWh

## Dimensional drawing



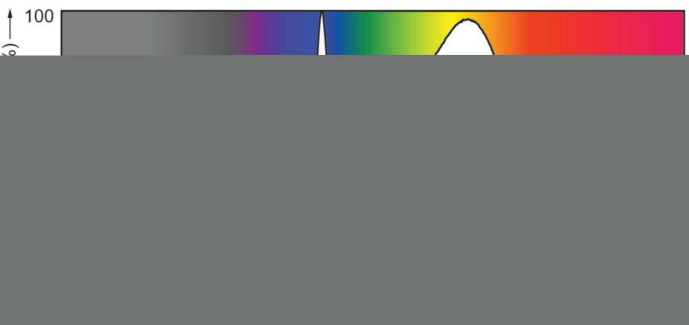
## Photometric data



Light Distribution Diagram - MASTER LEDtube 1800mm 25W 840 T8 ROT

Product Data	
Order product name	MASTER LEDtube 1800mm 25W 840 T8 ROT
Full product name	MASTER LEDtube 1800mm 25W 840 T8 ROT
Full product code	871869648037300
Order code	48037300
Material Nr. (12NC)	929001161102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696480373
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696480380

Product	D1	D2	A1	A2	A3
MASTER LEDtube 1800mm 25W 840 T8 ROT	25.68 mm	28 mm	1,762.5 mm	1,770 mm	1,776.7 mm



Spectral Power Distribution Colour - MASTER LEDtube 1800mm 25W 840 T8 ROT

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