



MASTER LEDtube EM/ Mains

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. This product is the ideal solution for up lighting in general lighting applications.

Warnings and Safety

• –

Product data

General Information	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	160 degree(s)
Luminous Flux	3,700 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	148.00 lm/W
Colour consistency	<6
Colour 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
Controls and Dimming	
Dimmable	No

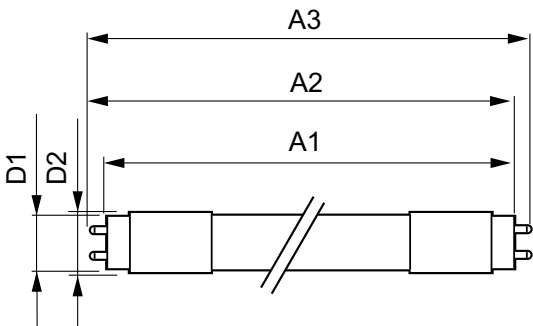
MASTER LEDtube EM/Mains

Mechanical and Housing	
Product length	1,800 mm
Approval and Application	
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	25 kWh

Product Data	
Order product name	MASTER LEDtube 1800mm 25W 840 T8 ROT

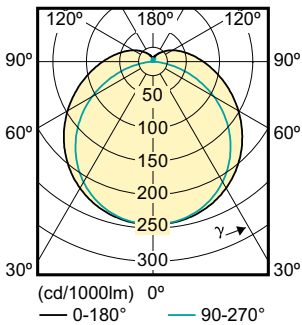
Full product name	MASTER LEDtube 1800mm 25W 840 T8 ROT
Full EOC	871869648037300
Order code	48037300
Material no. (12 NC)	929001161102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696480373
Numerator – packs per outer box	10
EAN/UPC – Case	8718696480380

Dimensional drawing

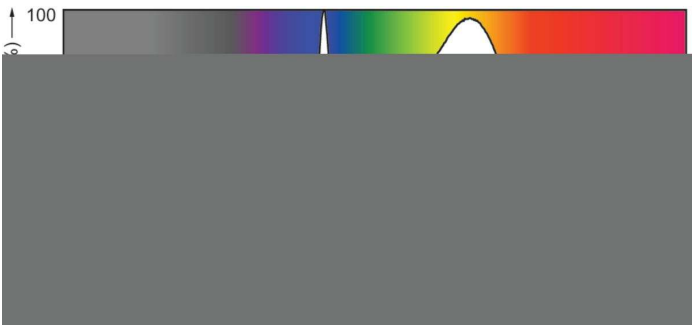


Product	D1	D2	A1	A2	A3
MASTER LEDtube 1800mm 25W 840 T8 ROT	25.68 mm	28 mm	1,762.5 mm	1,770 mm	1,776.7 mm

Photometric data



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



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

MASTER LEDtube EM/Mains

