



The new generational of Mains T5 LEDtube lighting

LEDtube Mains T5

The new Philips Master LEDtube Mains T5 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips MASTER LEDtube Mains T5 directly installs in luminaires operating on mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximize value overlifetime with high energy saving and lower maintenance costs.

Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LEDtechnology; completely safe product and installation process

Features

- Replacement of existing T5 lamps to mains power connection installation
- Energy savings compared with fluorescent tubes
- Long lifetime
- No mercury

Application

- Office, Shop, Education, Retail
- Industrial facilities and warehouses

LEDtube Mains T5

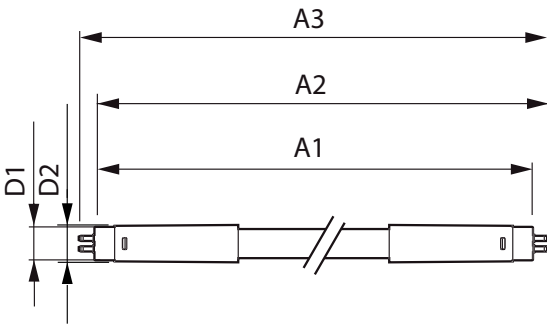
Versions



LEDtube G5

G5 Tube, double-ended Frosted

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 26W 840 T5 BR	15 mm	16.9 mm	1149 mm	1156.1 mm	1163.2 mm
MAS LEDtube 1200mm HO 26W 865 T5 BR	15 mm	16.9 mm	1149 mm	1156.1 mm	1163.2 mm
MAS LEDtube 1500mm UO 36W 840 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm
MAS LEDtube 1500mm UO 36W 865 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm
MAS LEDtube 1500mm UO 36W 830 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm

LEDtube Mains T5

Approval and Application

Energy Efficiency Label (EEL) A++

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 50 to 60 Hz

Voltage (Nom) 220-240 V

Starting Time (Nom) 0.5 s

General Information

Cap-Base G5

Nominal Lifetime (Nom) 50000 h

Switching Cycle 200000X

Light Technical

Beam Angle (Nom) 200 °

Color Rendering Index (Nom) 80

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, double-ended

Temperature

T-Ambient (Max) 45 °C

T-Ambient (Min) -20 °C

T-Storage (Max) 65 °C

T-Storage (Min) -40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001908612	MAS LEDtube 1200mm HO 26W 840 T5 BR	26 kWh
929001908712	MAS LEDtube 1200mm HO 26W 865 T5 BR	26 kWh
929002474802	MAS LEDtube 1500mm UO 36W 830 T5	36 kWh
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	36 kWh
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	36 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001908612	MAS LEDtube 1200mm HO 26W 840 T5 BR	26 W
929001908712	MAS LEDtube 1200mm HO 26W 865 T5 BR	26 W
929002474802	MAS LEDtube 1500mm UO 36W 830 T5	36 W

Order Code	Full Product Name	Power (Rated) (Nom)
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	36 W
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	36 W

Light Technical

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001908612	MAS LEDtube 1200mm HO 26W 840 T5 BR	840	4000 K	3900 lm
929001908712	MAS LEDtube 1200mm HO 26W 865 T5 BR	865	6500 K	3900 lm
929002474802	MAS LEDtube 1500mm UO 36W 830 T5	830	3000 K	5200 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	840	4000 K	5600 lm
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	865	6500 K	5600 lm

Mechanical and Housing

LEDtube Mains T5

Order Code	Full Product Name	Bulb Finish
929001908612	MAS LEDtube 1200mm HO 26W 840 T5 BR	-
929001908712	MAS LEDtube 1200mm HO 26W 865 T5 BR	-
929002474802	MAS LEDtube 1500mm UO 36W 830 T5	Frosted

Order Code	Full Product Name	Bulb Finish
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	Frosted
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	Frosted

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001908612	MAS LEDtube 1200mm HO 26W 840 T5 BR	72.1 °C
929001908712	MAS LEDtube 1200mm HO 26W 865 T5 BR	72.1 °C
929002474802	MAS LEDtube 1500mm UO 36W 830 T5	75 °C
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	75 °C
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	75 °C

