



The new generation of Mains T5 LEDtube lighting

MASTER 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 installs in luminaires operating on mains power connection. So simple to operate! . Perfectly safe, reliable & easy to install, the Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high energy savings and lower maintenance costs.

Benefits

- Reduced operational cost thanks to lower energy consumption
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- Lower maintenance cost thanks to a longer lifetime than conventional lamps
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- The fastest and easiest way to upgrade existing luminaires to LED
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Features

- Replacement of existing T5 lamps: operates with mains power connection
- Energy savings compared with fluorescent tubes
- Long lifetime
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

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Application

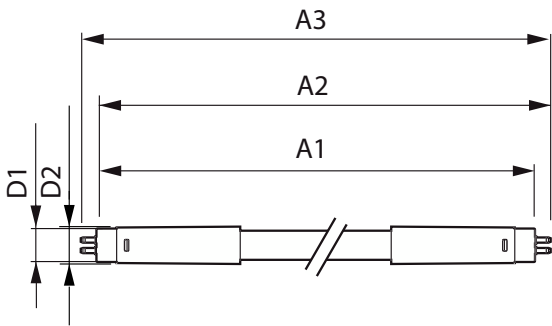
- Offices, shops, classrooms
- Industrial facilities and warehouses

Versions



LEDtube MAS 36W G5

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HO 26W 830 T5	15.5 mm	17.1 mm	1,149 mm	1,156 mm	1,163 mm
MAS LEDtube 1200mm HO 26W 840 T5	15.5 mm	17.1 mm	1,149 mm	1,156 mm	1,163 mm
MAS LEDtube 1200mm HO 26W 865 T5	15.5 mm	17.1 mm	1,149 mm	1,156 mm	1,163 mm
MAS LEDtube 1500mm HO 26W 830 T5	15.5 mm	17.1 mm	1,449 mm	1,456 mm	1,463 mm
MAS LEDtube 1500mm HO 26W 865 T5	15.5 mm	17.1 mm	1,449 mm	1,456 mm	1,463 mm
MAS LEDtube 1500mm UO 36W 865 T5	15.5 mm	18.8 mm	1,449 mm	1,456.1 mm	1,463.2 mm

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General Information	
Cap-Base	G5
Switching Cycle	200,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	200 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T5

Light Technical

Order Code	Full Product Name	Correlated Color	Color	
		Temperature (Nom)	Code	Luminous Flux
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	6500 K	865	5,600 lm
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	3000 K	830	3,600 lm
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	4000 K	840	3,900 lm
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	6500 K	865	3,900 lm
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	3000 K	830	3,600 lm
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	6500 K	865	3,900 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	36 W
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	26 W
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	26 W

Order Code	Full Product Name	Power Consumption
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	26 W
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	26 W
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	26 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	75 °C
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	65 °C
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	65 °C
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	65 °C
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	65 °C

Approval and Application

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	-20 °C to 45 °C	36 kWh
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	-20 to +45 °C	26 kWh
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	-20 to +45 °C	26 kWh
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	-20 to +45 °C	26 kWh
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	-20 to +45 °C	26 kWh

Order Code	Full Product Name	Ambient temperature	Energy
		range	Consumption kWh/1000 h
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	-20 to +45 °C	26 kWh

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