



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 Philips MASTER LEDtube Mains T5 is the ideal alternative to standard fluorescent tubes to maximise value over lifetime with high energy saving and lower maintenance costs.

Benefits

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

Features

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

Application

- Offices, shops, classrooms
- Industrial facilities and warehouses

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Versions

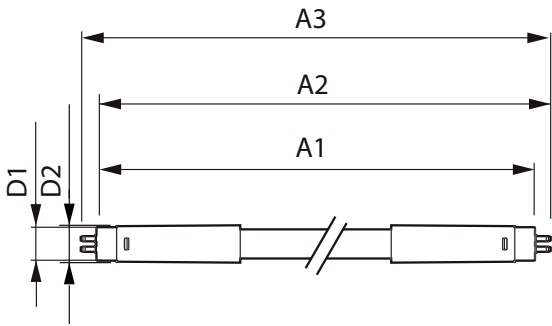


ESSENTIAL LEDtube 8-16W G5
830-865 APR



MAS LEDtube HE T5 Mains EU
20240507

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HE 16.5W 830 T5 EU	15.7 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
MAS LEDtube 1200mm HE 16.5W 840 T5 EU	15.7 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 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 1500mm HE 20W 830 T5 EU	15.7 mm	19 mm	1,449 mm	1,456.1 mm	1,463.2 mm
MAS LEDtube 1500mm HE 20W 840 T5 EU	15.7 mm	19 mm	1,449 mm	1,456.1 mm	1,463.2 mm
MAS LEDtube 1500mm HO 26W 840 T5	15.5 mm	17.1 mm	1,449 mm	1,456 mm	1,463 mm
MAS LEDtube 600mm HE 7W 840 T5 EU	15.7 mm	19 mm	549 mm	556.1 mm	563.2 mm

General Information	
Cap base	G5
Switching Cycle	200,000
Nominal lifetime	50,000 h
Light Technical	
Beam angle (nom.)	200 degree(s)
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Starting time (nom.)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	T5
Approval and Application	
Ambient temperature range	-20 to +45 °C

Light Technical

		Correlated Colour	Colour	
Order Code	Full Product Name	Temperature (Nom)	Code	Luminous Flux
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	4000 K	840	3,900 lm
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	4000 K	840	3,900 lm
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	3000 K	830	2,800 lm
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	4000 K	840	3,000 lm
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	3000 K	830	2,300 lm
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	4000 K	840	2,500 lm
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	4000 K	840	1,050 lm

Operating and Electrical

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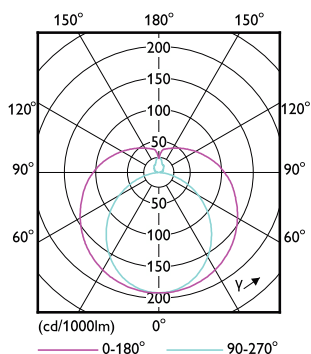
Order Code	Full Product Name	Line Frequency	Power
			Consumption
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	50 to 60 Hz	26 W
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	50 to 60 Hz	26 W
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	50 to 60 Hz	20 W
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	50 to 60 Hz	20 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	65 °C
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	65 °C
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	55 °C
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	55 °C

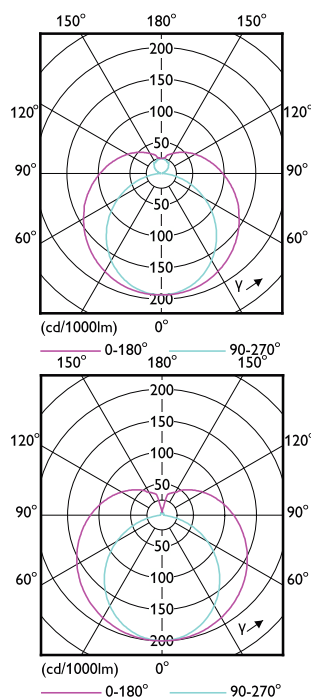
Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	26 kWh
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	26 kWh
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	20 kWh
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	20 kWh
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	17 kWh
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	17 kWh
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	7 kWh



Order Code	Full Product Name	Line Frequency	Power
			Consumption
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	50 to 60 Hz	16.5 W
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	50 to 60 Hz	16.5 W
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	-	7 W

Order Code	Full Product Name	T-Case maximum (nom.)
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	55 °C
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	55 °C
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	50 °C



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