

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 maximize 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 longer lifetime than conventional lamps
- 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 mains power connection
- Energy savings compared with fluorescent tubes
- Long lifetime
- No mercury

Application

- Offices, shops, classroms
- Industrial facilities and warehouses

MASTER LEDtube Mains T5

Versions

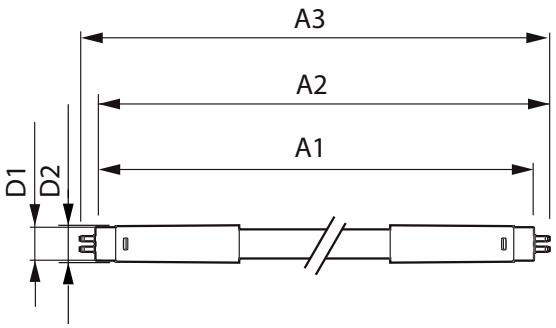


G5 Tube, double-ended Frosted



G5 Tube, double-ended Frosted

Dimensional drawing



Product	D1	D2	A1	A2	A3
MASTER LEDtube 1200mm HO 26W 830 T5	15 mm	16.9 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1500mm HO 26W 830 T5	15 mm	16.9 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1200mm HO 26W 865 T5	15 mm	16.9 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1200mm HO 26W 840 T5	15 mm	16.9 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1500mm HO 26W 865 T5	15 mm	16.9 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1500mm HO 26W 840 T5	15 mm	16.9 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1200mm HE 16.5W 865 T5	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1500mm HE 20W 840 T5	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm
MASTER LEDtube 600mm HE 8W 865 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 1500mm HE 20W 830 T5	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm
MASTER LEDtube 600mm HE 8W 840 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 1200mm HE 16.5W 840 T5	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 600mm HE 8W 830 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 1200mm HE 16.5W 830 T5	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1500mm HE 20W 865 T5	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm
MASTER LEDtube 1500mm UO 36W 840 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1500mm UO 36W 865 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1500mm UO 36W 830 T5	15.5 mm	18.8 mm	1449 mm	1456.1 mm	1463.2 mm
MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1500mm HE 20W 865 T5 EU	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm
MASTER LEDtube 600mm HE 8W 840 T5 EU	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 600mm HE 8W 830 T5 EU	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 1500mm HE 20W 830 T5 EU	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm

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Dimensional drawing

Product	D1	D2	A1	A2	A3
MASTER LEDtube 600mm HE 8W 865 T5 EU	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MASTER LEDtube 1500mm HE 20W 840 T5 EU	15.8 mm	19 mm	1449 mm	1454.9 mm	1463.2 mm
MASTER LEDtube 1200mm HE 16.5W 865 T5 EU	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm
MASTER LEDtube 1200mm HE 16.5W 840 T5 EU	15.8 mm	19 mm	1149 mm	1156.1 mm	1163.2 mm

Controls and dimming

Dimmable	No

Operating and electrical

Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s

General information

Cap-Base	G5
Nominal Lifetime (Nom)	50000 h
Switching Cycle	200000

Light technical

Beam Angle (Nom)	200 °
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and housing

Bulb Finish	Frosted
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
929001908502	MASTER LEDtube 1200mm HO 26W 830 T5	26 kWh
929001908602	MASTER LEDtube 1200mm HO 26W 840 T5	26 kWh
929001908702	MASTER LEDtube 1200mm HO 26W 865 T5	26 kWh
929001908802	MASTER LEDtube 1500mm HO 26W 830 T5	26 kWh
929001908902	MASTER LEDtube 1500mm HO 26W 840 T5	26 kWh
929001909002	MASTER LEDtube 1500mm HO 26W 865 T5	26 kWh
929002420608	MASTER LEDtube 600mm HE 8W 830 T5	8 kWh
929002420708	MASTER LEDtube 600mm HE 8W 840 T5	8 kWh
929002420808	MASTER LEDtube 600mm HE 8W 865 T5	8 kWh
929002420908	MASTER LEDtube 1200mm HE 16.5W 830 T5	17 kWh
929002421008	MASTER LEDtube 1200mm HE 16.5W 840 T5	17 kWh
929002421108	MASTER LEDtube 1200mm HE 16.5W 865 T5	17 kWh
929002421202	MASTER LEDtube 1500mm HE 20W 830 T5 EU	20 kWh
929002421208	MASTER LEDtube 1500mm HE 20W 830 T5	20 kWh
929002421302	MASTER LEDtube 1500mm HE 20W 840 T5 EU	20 kWh
929002421308	MASTER LEDtube 1500mm HE 20W 840 T5	20 kWh
929002421402	MASTER LEDtube 1500mm HE 20W 865 T5 EU	20 kWh
929002421408	MASTER LEDtube 1500mm HE 20W 865 T5	20 kWh
929003044102	MASTER LEDtube 600mm HE 8W 830 T5 EU	8 kWh
929003044202	MASTER LEDtube 600mm HE 8W 840 T5 EU	8 kWh
929003044302	MASTER LEDtube 600mm HE 8W 865 T5 EU	8 kWh
929003044402	MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	17 kWh
929003044502	MASTER LEDtube 1200mm HE 16.5W 840 T5 EU	17 kWh
929003044602	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU	17 kWh
929002474802	MASTER LEDtube 1500mm UO 36W 830 T5	36 kWh
929002474902	MASTER LEDtube 1500mm UO 36W 840 T5	36 kWh
929002475002	MASTER LEDtube 1500mm UO 36W 865 T5	36 kWh

Operating and electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Nom)
929001908502	MASTER LEDtube 1200mm HO 26W 830 T5	220-240 V	26 W

Order Code	Full Product Name	Voltage (Nom)	Power (Nom)
929001908602	MASTER LEDtube 1200mm HO 26W 840 T5	220-240 V	26 W

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Order Code	Full Product Name	Voltage (Nom)	Power (Nom)
929001908702	MASTER LEDtube 1200mm HO 26W 865 T5	220-240 V	26 W
929001908802	MASTER LEDtube 1500mm HO 26W 830 T5	220-240 V	26 W
929001908902	MASTER LEDtube 1500mm HO 26W 840 T5	220-240 V	26 W
929001909002	MASTER LEDtube 1500mm HO 26W 865 T5	220-240 V	26 W
929002420608	MASTER LEDtube 600mm HE 8W 830 T5	100-240 V	8 W
929002420708	MASTER LEDtube 600mm HE 8W 840 T5	100-240 V	8 W
929002420808	MASTER LEDtube 600mm HE 8W 865 T5	100-240 V	8 W
929002420908	MASTER LEDtube 1200mm HE 16.5W 830 T5	100-240 V	16.5 W
929002421008	MASTER LEDtube 1200mm HE 16.5W 840 T5	100-240 V	16.5 W
929002421108	MASTER LEDtube 1200mm HE 16.5W 865 T5	100-240 V	16.5 W
929002421202	MASTER LEDtube 1500mm HE 20W 830 T5 EU	220-240 V	20 W
929002421208	MASTER LEDtube 1500mm HE 20W 830 T5	100-240 V	20 W
929002421302	MASTER LEDtube 1500mm HE 20W 840 T5 EU	220-240 V	20 W

Order Code	Full Product Name	Voltage (Nom)	Power (Nom)
929002421308	MASTER LEDtube 1500mm HE 20W 840 T5	100-240 V	20 W
929002421402	MASTER LEDtube 1500mm HE 20W 865 T5 EU	220-240 V	20 W
929002421408	MASTER LEDtube 1500mm HE 20W 865 T5	100-240 V	20 W
929003044102	MASTER LEDtube 600mm HE 8W 830 T5 EU	220-240 V	8 W
929003044202	MASTER LEDtube 600mm HE 8W 840 T5 EU	220-240 V	8 W
929003044302	MASTER LEDtube 600mm HE 8W 865 T5 EU	220-240 V	8 W
929003044402	MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	220-240 V	16.5 W
929003044502	MASTER LEDtube 1200mm HE 16.5W 840 T5 EU	220-240 V	16.5 W
929003044602	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU	220-240 V	16.5 W
929002474802	MASTER LEDtube 1500mm UO 36W 830 T5	220-240 V	36 W
929002474902	MASTER LEDtube 1500mm UO 36W 840 T5	220-240 V	36 W
929002475002	MASTER LEDtube 1500mm UO 36W 865 T5	220-240 V	36 W

Light technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929001908502	MASTER LEDtube 1200mm HO 26W 830 T5	830	3000 K	3600 lm
929001908602	MASTER LEDtube 1200mm HO 26W 840 T5	840	4000 K	3900 lm
929001908702	MASTER LEDtube 1200mm HO 26W 865 T5	865	6500 K	3900 lm
929001908802	MASTER LEDtube 1500mm HO 26W 830 T5	830	3000 K	3600 lm
929001908902	MASTER LEDtube 1500mm HO 26W 840 T5	840	4000 K	3900 lm
929001909002	MASTER LEDtube 1500mm HO 26W 865 T5	865	6500 K	3900 lm
929002420608	MASTER LEDtube 600mm HE 8W 830 T5	830	3000 K	1000 lm
929002420708	MASTER LEDtube 600mm HE 8W 840 T5	840	4000 K	1050 lm
929002420808	MASTER LEDtube 600mm HE 8W 865 T5	865	6500 K	1050 lm

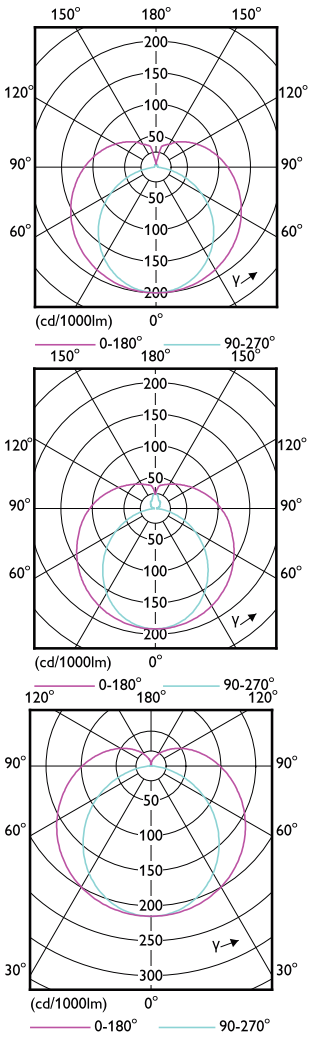
Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002420908	MASTER LEDtube 1200mm HE 16.5W 830 T5	830	3000 K	2300 lm
929002421008	MASTER LEDtube 1200mm HE 16.5W 840 T5	840	4000 K	2500 lm
929002421108	MASTER LEDtube 1200mm HE 16.5W 865 T5	865	6500 K	2500 lm
929002421202	MASTER LEDtube 1500mm HE 20W 830 T5 EU	830	3000 K	2800 lm
929002421208	MASTER LEDtube 1500mm HE 20W 830 T5	830	3000 K	2800 lm
929002421302	MASTER LEDtube 1500mm HE 20W 840 T5 EU	840	4000 K	3000 lm
929002421308	MASTER LEDtube 1500mm HE 20W 840 T5	840	4000 K	3000 lm

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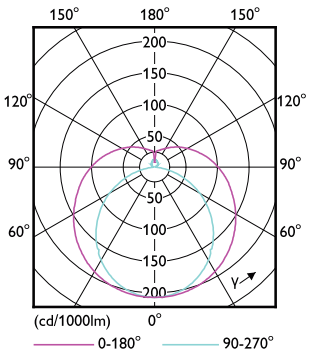
Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002421402	MASTER LEDtube 1500mm HE 20W 865 T5 EU	865	6500 K	3000 lm
929002421408	MASTER LEDtube 1500mm HE 20W 865 T5	865	6500 K	3000 lm
929003044102	MASTER LEDtube 600mm HE 8W 830 T5 EU	830	3000 K	1000 lm
929003044202	MASTER LEDtube 600mm HE 8W 840 T5 EU	840	4000 K	1050 lm
929003044302	MASTER LEDtube 600mm HE 8W 865 T5 EU	865	6500 K	1050 lm
929003044402	MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	830	3000 K	2300 lm
929003044502	MASTER LEDtube 1200mm HE 16.5W 840 T5 EU	840	4000 K	2500 lm
929003044602	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU	865	6500 K	2500 lm
929002474802	MASTER LEDtube 1500mm UO 36W 830 T5	830	3000 K	5200 lm
929002474902	MASTER LEDtube 1500mm UO 36W 840 T5	840	4000 K	5600 lm
929002475002	MASTER LEDtube 1500mm UO 36W 865 T5	865	6500 K	5600 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001908502	MASTER LEDtube 1200mm HO 26W 830 T5	70 °C
929001908602	MASTER LEDtube 1200mm HO 26W 840 T5	70 °C
929001908702	MASTER LEDtube 1200mm HO 26W 865 T5	70 °C
929001908802	MASTER LEDtube 1500mm HO 26W 830 T5	70 °C
929001908902	MASTER LEDtube 1500mm HO 26W 840 T5	70 °C
929001909002	MASTER LEDtube 1500mm HO 26W 865 T5	70 °C
929002420608	MASTER LEDtube 600mm HE 8W 830 T5	60 °C
929002420708	MASTER LEDtube 600mm HE 8W 840 T5	60 °C
929002420808	MASTER LEDtube 600mm HE 8W 865 T5	60 °C
929002420908	MASTER LEDtube 1200mm HE 16.5W 830 T5	70 °C
929002421008	MASTER LEDtube 1200mm HE 16.5W 840 T5	70 °C
929002421108	MASTER LEDtube 1200mm HE 16.5W 865 T5	70 °C
929002421202	MASTER LEDtube 1500mm HE 20W 830 T5 EU	75 °C
929002421208	MASTER LEDtube 1500mm HE 20W 830 T5	75 °C
929002421302	MASTER LEDtube 1500mm HE 20W 840 T5 EU	75 °C
929002421308	MASTER LEDtube 1500mm HE 20W 840 T5	75 °C
929002421402	MASTER LEDtube 1500mm HE 20W 865 T5 EU	75 °C
929002421408	MASTER LEDtube 1500mm HE 20W 865 T5	75 °C
929003044102	MASTER LEDtube 600mm HE 8W 830 T5 EU	60 °C
929003044202	MASTER LEDtube 600mm HE 8W 840 T5 EU	60 °C
929003044302	MASTER LEDtube 600mm HE 8W 865 T5 EU	60 °C
929003044402	MASTER LEDtube 1200mm HE 16.5W 830 T5 EU	70 °C
929003044502	MASTER LEDtube 1200mm HE 16.5W 840 T5 EU	70 °C
929003044602	MASTER LEDtube 1200mm HE 16.5W 865 T5 EU	70 °C
929002474802	MASTER LEDtube 1500mm UO 36W 830 T5	75 °C
929002474902	MASTER LEDtube 1500mm UO 36W 840 T5	75 °C
929002475002	MASTER LEDtube 1500mm UO 36W 865 T5	75 °C



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