



The new generation of Mains T5 LEDtube lighting

MASTER LED tube 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

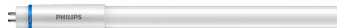
- Replacement of existing T5 lamps: operates with mains power connection
- Energy savings compared with fluorescent tubes
- Long lifetime
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

Application

- Offices, shops, classrooms
- Industrial facilities and warehouses

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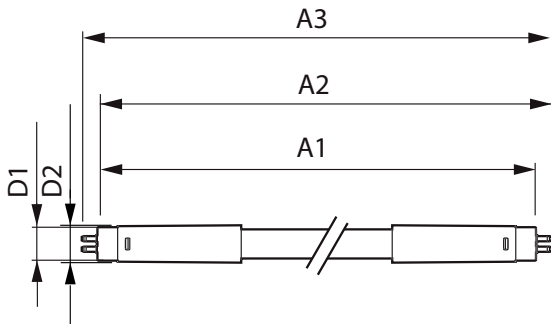
Versions



LEDtube MAS 36W G5

MASTER LED tube Mains T5

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS LEDtube 1200mm HE 16.5W 830 T5	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
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	15.8 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 HE 16.5W 865 T5	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
MAS LEDtube 1200mm HE 16.5W 865 T5 EU	15.7 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
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 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 HE 20W 865 T5 EU	15.7 mm	19 mm	1,449 mm	1,456.1 mm	1,463.2 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 840 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 840 T5	15.5 mm	18.8 mm	1,449 mm	1,456.1 mm	1,463.2 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
MAS LEDtube 600mm HE 7W 830 T5 EU	15.7 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HE 7W 840 T5 EU	15.7 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HE 7W 865 T5 EU	15.7 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HE 8W 830 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HE 8W 840 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HE 8W 865 T5	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HO 10.5W 830 T5		19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 600mm HO 10.5W 840 T5		19 mm	549 mm	556.1 mm	563.2 mm

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Dimensional drawing

Product	D1	D2	A1	A2	A3
MAS LEDtube 600mm HO 10.5W 865 T5		19 mm	549 mm	556.1 mm	563.2 mm
MAS LEDtube 900mm HE 11.5W 830 T5 EU	15.7 mm	19 mm	849 mm	856.1 mm	863.2 mm
MAS LEDtube 900mm HE 11.5W 840 T5 EU	15.7 mm	19 mm	849 mm	856.1 mm	863.2 mm
MAS LEDtube 900mm HO 18.5W 830 T5		19 mm	849 mm	856.1 mm	863.2 mm

General Information	
Cap-Base	G5
Switching Cycle	200,000
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
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T5

General Information

Order Code	Full Product Name	Nominal lifetime
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	50,000 hour(s)
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	50,000 hour(s)
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	60,000 hour(s)
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	60,000 hour(s)
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	60,000 hour(s)
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	60,000 hour(s)
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	60,000 hour(s)
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	60,000 hour(s)
929002420608	MAS LEDtube 600mm HE 8W 830 T5	50,000 hour(s)
929002420708	MAS LEDtube 600mm HE 8W 840 T5	50,000 hour(s)
929002420808	MAS LEDtube 600mm HE 8W 865 T5	50,000 hour(s)
929002420908	MAS LEDtube 1200mm HE 16.5W 830 T5	50,000 hour(s)
929002421008	MAS LEDtube 1200mm HE 16.5W 840 T5	50,000 hour(s)
929002421108	MAS LEDtube 1200mm HE 16.5W 865 T5	50,000 hour(s)
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	60,000 hour(s)
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	60,000 hour(s)
929002421402	MAS LEDtube 1500mm HE 20W 865 T5 EU	60,000 hour(s)
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	60,000 hour(s)
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	60,000 hour(s)
929003044602	MAS LEDtube 1200mm HE 16.5W 865 T5 EU	60,000 hour(s)
929003734002	MAS LEDtube 900mm HE 11.5W 830 T5 EU	60,000 hour(s)
929003734102	MAS LEDtube 900mm HE 11.5W 840 T5 EU	60,000 hour(s)
929003734302	MAS LEDtube 600mm HO 10.5W 830 T5	60,000 hour(s)
929003734402	MAS LEDtube 600mm HO 10.5W 840 T5	60,000 hour(s)
929003734502	MAS LEDtube 600mm HO 10.5W 865 T5	60,000 hour(s)
929003734602	MAS LEDtube 900mm HO 18.5W 830 T5	60,000 hour(s)
929003795402	MAS LEDtube 600mm HE 7W 830 T5 EU	60,000 hour(s)
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	60,000 hour(s)
929003795602	MAS LEDtube 600mm HE 7W 865 T5 EU	60,000 hour(s)

Light Technical

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	4000 K	840	5,600 lm

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	6500 K	865	5,600 lm

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Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
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
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	4000 K	840	3,900 lm
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	6500 K	865	3,900 lm
929002420608	MAS LEDtube 600mm HE 8W 830 T5	3000 K	830	1,000 lm
929002420708	MAS LEDtube 600mm HE 8W 840 T5	4000 K	840	1,050 lm
929002420808	MAS LEDtube 600mm HE 8W 865 T5	6500 K	865	1,050 lm
929002420908	MAS LEDtube 1200mm HE 16.5W 830 T5	3000 K	830	2,300 lm
929002421008	MAS LEDtube 1200mm HE 16.5W 840 T5	4000 K	840	2,500 lm
929002421108	MAS LEDtube 1200mm HE 16.5W 865 T5	6500 K	865	2,500 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

Order Code	Full Product Name	Correlated Color		
		Temperature (Nom)	Color Code	Luminous Flux
929002421402	MAS LEDtube 1500mm HE 20W 865 T5 EU	6500 K	865	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
929003044602	MAS LEDtube 1200mm HE 16.5W 865 T5 EU	6500 K	865	2,500 lm
929003734002	MAS LEDtube 900mm HE 11.5W 830 T5 EU	3000 K	830	1,600 lm
929003734102	MAS LEDtube 900mm HE 11.5W 840 T5 EU	4000 K	840	1,700 lm
929003734302	MAS LEDtube 600mm HO 10.5W 830 T5	3000 K	830	1,500 lm
929003734402	MAS LEDtube 600mm HO 10.5W 840 T5	4000 K	840	1,600 lm
929003734502	MAS LEDtube 600mm HO 10.5W 865 T5	6500 K	865	1,600 lm
929003734602	MAS LEDtube 900mm HO 18.5W 830 T5	3000 K	830	2,600 lm
929003795402	MAS LEDtube 600mm HE 7W 830 T5 EU	3000 K	830	1,000 lm
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	4000 K	840	1,050 lm
929003795602	MAS LEDtube 600mm HE 7W 865 T5 EU	6500 K	865	1,050 lm

Operating and Electrical

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	50 to 60 Hz	36 W
929002475002	MAS LEDtube 1500mm UO 36W 865 T5	50 to 60 Hz	36 W
929001908502	MAS LEDtube 1200mm HO 26W 830 T5	50 to 60 Hz	26 W
929001908602	MAS LEDtube 1200mm HO 26W 840 T5	50 to 60 Hz	26 W
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	50 to 60 Hz	26 W
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	50 to 60 Hz	26 W
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	50 to 60 Hz	26 W
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	50 to 60 Hz	26 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002420608	MAS LEDtube 600mm HE 8W 830 T5	50 to 60 Hz	8 W
929002420708	MAS LEDtube 600mm HE 8W 840 T5	50 to 60 Hz	8 W
929002420808	MAS LEDtube 600mm HE 8W 865 T5	50 to 60 Hz	8 W
929002420908	MAS LEDtube 1200mm HE 16.5W 830 T5	50 to 60 Hz	16.5 W
929002421008	MAS LEDtube 1200mm HE 16.5W 840 T5	50 to 60 Hz	16.5 W
929002421108	MAS LEDtube 1200mm HE 16.5W 865 T5	50 to 60 Hz	16.5 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

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Order Code	Full Product Name	Line Frequency	Power
			Consumption
929002421402	MAS LEDtube 1500mm HE 20W 865 T5 EU	50 to 60 Hz	20 W
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
929003044602	MAS LEDtube 1200mm HE 16.5W 865 T5 EU	50 to 60 Hz	16.5 W
929003734002	MAS LEDtube 900mm HE 11.5W 830 T5 EU	50 to 60 Hz	11.5 W
929003734102	MAS LEDtube 900mm HE 11.5W 840 T5 EU	50 to 60 Hz	11.5 W
929003734302	MAS LEDtube 600mm HO 10.5W 830 T5	-	10.5 W

Order Code	Full Product Name	Line Frequency	Power
			Consumption
929003734402	MAS LEDtube 600mm HO 10.5W 840 T5	-	10.5 W
929003734502	MAS LEDtube 600mm HO 10.5W 865 T5	-	10.5 W
929003734602	MAS LEDtube 900mm HO 18.5W 830 T5	-	18.5 W
929003795402	MAS LEDtube 600mm HE 7W 830 T5 EU	-	7 W
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	-	7 W
929003795602	MAS LEDtube 600mm HE 7W 865 T5 EU	-	7 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	75 °C
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
929001908702	MAS LEDtube 1200mm HO 26W 865 T5	65 °C
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	65 °C
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	65 °C
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	65 °C
929002420608	MAS LEDtube 600mm HE 8W 830 T5	60 °C
929002420708	MAS LEDtube 600mm HE 8W 840 T5	60 °C
929002420808	MAS LEDtube 600mm HE 8W 865 T5	60 °C
929002420908	MAS LEDtube 1200mm HE 16.5W 830 T5	70 °C
929002421008	MAS LEDtube 1200mm HE 16.5W 840 T5	70 °C
929002421108	MAS LEDtube 1200mm HE 16.5W 865 T5	70 °C
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	55 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	55 °C
929002421402	MAS LEDtube 1500mm HE 20W 865 T5 EU	55 °C
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	55 °C
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	55 °C
929003044602	MAS LEDtube 1200mm HE 16.5W 865 T5 EU	55 °C
929003734002	MAS LEDtube 900mm HE 11.5W 830 T5 EU	45 °C
929003734102	MAS LEDtube 900mm HE 11.5W 840 T5 EU	45 °C
929003734302	MAS LEDtube 600mm HO 10.5W 830 T5	60 °C
929003734402	MAS LEDtube 600mm HO 10.5W 840 T5	60 °C
929003734502	MAS LEDtube 600mm HO 10.5W 865 T5	60 °C
929003734602	MAS LEDtube 900mm HO 18.5W 830 T5	60 °C
929003795402	MAS LEDtube 600mm HE 7W 830 T5 EU	50 °C
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	50 °C
929003795602	MAS LEDtube 600mm HE 7W 865 T5 EU	50 °C

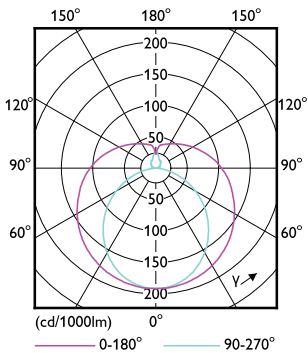
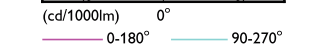
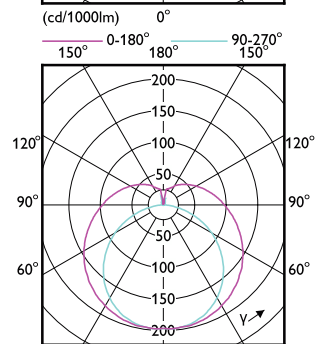
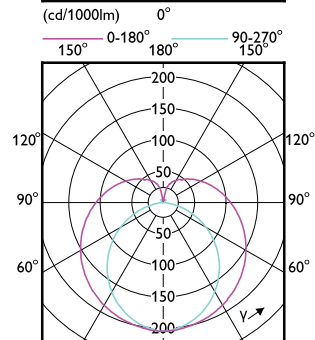
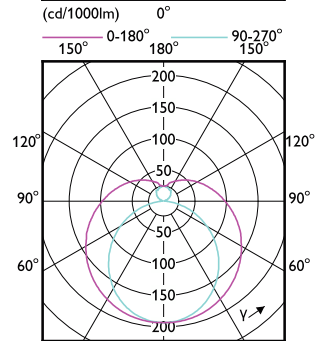
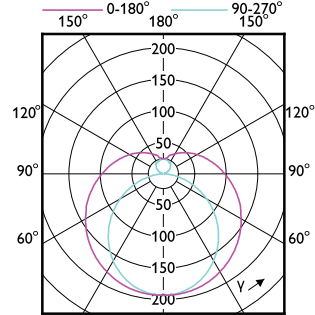
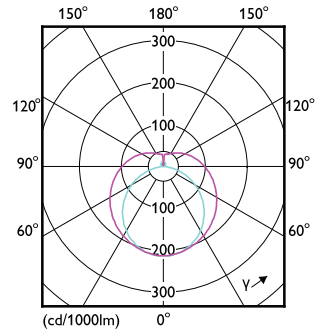
Approval and Application

Order Code	Full Product Name	Ambient temperature range	Energy
			Consumption kWh/1000 h
929002474902	MAS LEDtube 1500mm UO 36W 840 T5	-20 °C to 45 °C	36 kWh
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

Order Code	Full Product Name	Ambient temperature range	Energy
			Consumption kWh/1000 h
929001908802	MAS LEDtube 1500mm HO 26W 830 T5	-20 to +45 °C	26 kWh
929001908902	MAS LEDtube 1500mm HO 26W 840 T5	-20 to +45 °C	26 kWh
929001909002	MAS LEDtube 1500mm HO 26W 865 T5	-20 to +45 °C	26 kWh
929002420608	MAS LEDtube 600mm HE 8W 830 T5	-20 °C to 45 °C	8 kWh
929002420708	MAS LEDtube 600mm HE 8W 840 T5	-20 °C to 45 °C	8 kWh

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Order Code	Full Product Name	Ambient temperature range	Energy Consumption kWh/1000 h
929002420808	MAS LEDtube 600mm HE 8W 865 T5	-20 °C to 45 °C	8 kWh
929002420908	MAS LEDtube 1200mm HE 16.5W 830 T5	-20 °C to 45 °C	17 kWh
929002421008	MAS LEDtube 1200mm HE 16.5W 840 T5	-20 °C to 45 °C	17 kWh
929002421108	MAS LEDtube 1200mm HE 16.5W 865 T5	-20 °C to 45 °C	17 kWh
929002421202	MAS LEDtube 1500mm HE 20W 830 T5 EU	-20 to +45 °C	20 kWh
929002421302	MAS LEDtube 1500mm HE 20W 840 T5 EU	-20 to +45 °C	20 kWh
929002421402	MAS LEDtube 1500mm HE 20W 865 T5 EU	-20 to +45 °C	20 kWh
929003044402	MAS LEDtube 1200mm HE 16.5W 830 T5 EU	-20 to +45 °C	17 kWh
929003044502	MAS LEDtube 1200mm HE 16.5W 840 T5 EU	-20 to +45 °C	17 kWh
929003044602	MAS LEDtube 1200mm HE 16.5W 865 T5 EU	-20 to +45 °C	17 kWh
929003734002	MAS LEDtube 900mm HE 11.5W 830 T5 EU	-20 to +45 °C	12 kWh
929003734102	MAS LEDtube 900mm HE 11.5W 840 T5 EU	-20 to +45 °C	12 kWh
929003734302	MAS LEDtube 600mm HO 10.5W 830 T5	-20 to +45 °C	11 kWh
929003734402	MAS LEDtube 600mm HO 10.5W 840 T5	-20 to +45 °C	11 kWh
929003734502	MAS LEDtube 600mm HO 10.5W 865 T5	-20 to +45 °C	11 kWh
929003734602	MAS LEDtube 900mm HO 18.5W 830 T5	-20 to +45 °C	19 kWh
929003795402	MAS LEDtube 600mm HE 7W 830 T5 EU	-20 to +45 °C	7 kWh
929003795502	MAS LEDtube 600mm HE 7W 840 T5 EU	-20 to +45 °C	7 kWh
929003795602	MAS LEDtube 600mm HE 7W 865 T5 EU	-20 to +45 °C	7 kWh



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