



# The new generation of energy-saving tube lighting

## Other LED tube

Philips LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

### Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to 2-3 times longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology; completely safe product and installation process

### Features

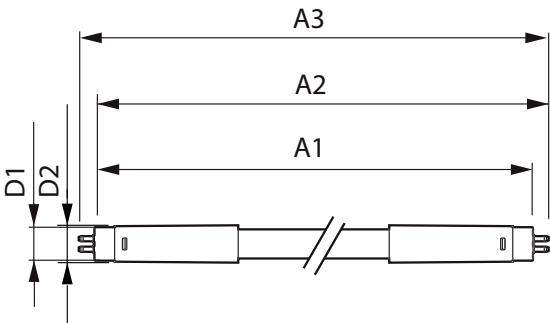
- Highly energy-efficient
- Easy installation
- Conventional form factor to fit into existing luminaires
- No mercury

### Application

- Hospitality, retail, office, industrial and home applications

Other LED tube

Dimensional drawing



Product	D1	D2	A1	A2	A3
MAS Ledtube 1200mm HO 16W 840 T5 DC	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
MAS Ledtube 1200mm HO 16W 865 T5 DC	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
MAS Ledtube 600mm HO 8.3W 840 T5 DC	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
MAS Ledtube 600mm HO 8.3W 865 T5 DC	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

General Information	
Cap-Base	G5
Switching Cycle	200,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	160 degree(s)
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	- Hz
Line Frequency	- Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T5
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929002387208	MAS Ledtube 600mm HO 8.3W 840 T5 DC	4000 K	840	1,250 lm
929002387308	MAS Ledtube 600mm HO 8.3W 865 T5 DC	6500 K	865	1,250 lm
929002387408	MAS Ledtube 1200mm HO 16W 840 T5 DC	4000 K	840	2,500 lm
929002387508	MAS Ledtube 1200mm HO 16W 865 T5 DC	6500 K	865	2,500 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929002387208	MAS Ledtube 600mm HO 8.3W 840 T5 DC	8.3 W
929002387308	MAS Ledtube 600mm HO 8.3W 865 T5 DC	8.3 W

Order Code	Full Product Name	Power Consumption
929002387408	MAS Ledtube 1200mm HO 16W 840 T5 DC	16 W
929002387508	MAS Ledtube 1200mm HO 16W 865 T5 DC	16 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002387208	MAS Ledtube 600mm HO 8.3W 840 T5 DC	45 °C
929002387308	MAS Ledtube 600mm HO 8.3W 865 T5 DC	45 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002387408	MAS Ledtube 1200mm HO 16W 840 T5 DC	55 °C
929002387508	MAS Ledtube 1200mm HO 16W 865 T5 DC	55 °C

Approval and Application

Other LED tube

		Energy Consumption
Order Code	Full Product Name	kWh/1000 h
929002387208	MAS Ledtube 600mm HO 8.3W 840 T5 DC	9 kWh
929002387308	MAS Ledtube 600mm HO 8.3W 865 T5 DC	9 kWh
929002387408	MAS Ledtube 1200mm HO 16W 840 T5 DC	16 kWh
929002387508	MAS Ledtube 1200mm HO 16W 865 T5 DC	16 kWh

