



Essential LEDtube - Affordable LED solution

Essential LEDtube

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Benefits

- Reduced electricity costs thanks to significant energy savings
- Longer lifetime minimizes re-lamping for reduced maintenance costs
- A better choice for the environment – no mercury

Features

- Affordable LED replacement for T8 fluorescent lamps
- Energy consumption less than half that of normal fluorescent lamps
- 25,000 hours lifetime, double that of normal fluorescent lamps
- No mercury; glass-free tube – no breakage concerns

Application

- Retail, offices
- Industry, warehouses, public places, schools, hospitals, car parks

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Versions



Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	G13
Light Technical	
Beam Angle (Nom)	240 °
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
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
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 kWh
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 kWh
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 kWh
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 kWh
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	20 kWh
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	20 kWh
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	10 kWh
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	10 kWh
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	20 kWh
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	10 kWh
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 W
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 W
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 W
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 W
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	20 W
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	20 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	10 W
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	10 W
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	20 W
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	10 W
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 W

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General Information

Order Code	Full Product Name	Nominal Lifetime (Nom)	Switching Cycle
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	15000 h	50,000X
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	15000 h	50,000X
929001184738	LEDtube 600mm 8W 740 T8 AP I G	15000 h	50,000X
929001184838	LEDtube 600mm 8W 765 T8 AP I G	15000 h	50,000X
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	15000 h	50,000X
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	15000 h	50,000X
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	15000 h	50,000X

Order Code	Full Product Name	Nominal Lifetime (Nom)	Switching Cycle
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	15000 h	50,000X
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	15000 h	50,000X
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	15000 h	50,000X
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	30000 h	200,000X

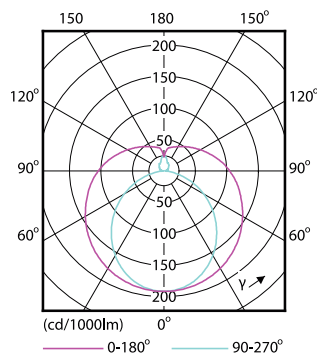
Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	740	4000 K	73	1600 lm
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	765	6500 K	73	1600 lm
929001184738	LEDtube 600mm 8W 740 T8 AP I G	740	4000 K	73	800 lm
929001184838	LEDtube 600mm 8W 765 T8 AP I G	765	6500 K	73	800 lm
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	740	4000 K	70	2100 lm
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	765	6500 K	70	2100 lm
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	740	4000 K	70	1050 lm

Order Code	Full Product Name	Colour Code	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Flux (Nom)
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	765	6500 K	70	1050 lm
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	730	3000 K	70	1900 lm
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	730	3000 K	70	950 lm
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	865	6500 K	80	2100 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	60 °C
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	60 °C
929001184738	LEDtube 600mm 8W 740 T8 AP I G	60 °C
929001184838	LEDtube 600mm 8W 765 T8 AP I G	60 °C
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	65 °C
929001277308	LEDtube HO 1200mm 20W 765 T8 AP I G	65 °C
929001277408	LEDtube HO 600mm 10W 740 T8 AP I G	65 °C
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	65 °C
929001299808	LEDtube HO 1200mm 20W 730 T8 AP I G	65 °C
929001299908	LEDtube HO 600mm 10W 730 T8 AP I G	65 °C
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	65 °C



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