



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

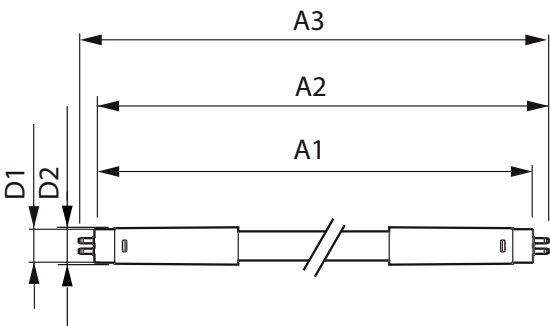
Essential LEDtube

Versions



LEDtube 1500mm 20W G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W830 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 1200mm 16W865 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm
CorePro LEDtube 600mm 8W830 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm
CorePro LEDtube 600mm 8W865 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Essential LEDtube

General Information	
Nominal lifetime	30,000 hour(s)
Light Technical	
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Temperature	
Ambient temperature range	-20 °C to 45 °C
Controls and Dimming	
Dimmable	No

General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	G13	200,000
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	G5	50,000
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	50,000
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	50,000
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	50,000
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	50,000
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	50,000

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color Code	Luminous Flux
			Temperature (Nom)		
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	240 degree(s)	6500 K	865	2,100 lm
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	200 degree(s)	3000 K	830	1,000 lm
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	200 degree(s)	4000 K	840	1,050 lm
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	200 degree(s)	6500 K	865	1,050 lm

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color	Color Code	Luminous Flux
			Temperature (Nom)		
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	200 degree(s)	3000 K	830	2,000 lm
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	200 degree(s)	4000 K	840	2,100 lm
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	200 degree(s)	6500 K	865	2,100 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 W
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	8 W
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 W
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 W

Order Code	Full Product Name	Power Consumption
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	16 W
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 W
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	65 °C
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	70 °C
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	70 °C
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	70 °C
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	70 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	T8
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	T5
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	T5
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	T5

Order Code	Full Product Name	Bulb Shape
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	T5
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	T5
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	T5

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 kWh
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	8 kWh
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	8 kWh
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	8 kWh
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	16 kWh
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 kWh
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 kWh

