



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

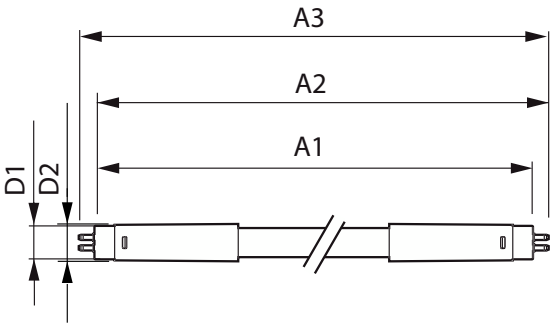
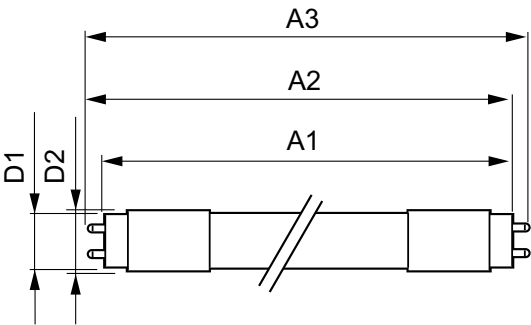
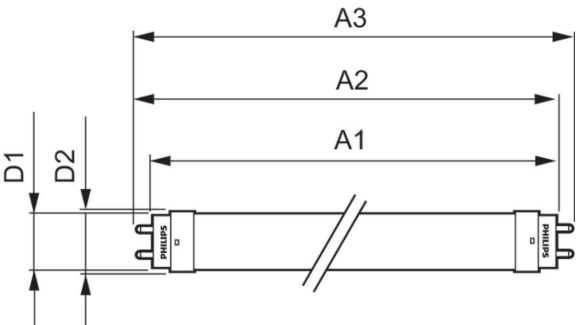
Versions



LEDtube 600mm, 1200mm G13 T8 AP C G

Essential LEDtube

Dimensional drawing



Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1,198	1,205	1,212 mm	1,212	27.8
16W 740 T8 AP I G	mm		mm	mm		mm	mm
LEDtube 1200mm	25.68	28 mm	1,198	1,205	1,212 mm	1,212	27.8
16W 765 T8 AP I G	mm		mm	mm		mm	mm
LEDtube 600mm	25.68	28 mm	588.5	595.5	602.5	602.5	27.8
8W 740 T8 AP I G	mm		mm	mm	mm	mm	mm
LEDtube 600mm	25.68	28 mm	588.5	595.5	602.5	602.5	27.8
8W 765 T8 AP I G	mm		mm	mm	mm	mm	mm
LEDtube HO	25.7 mm	28 mm	588.5	595.5	602.5		
600mm 10W 765 T8			mm	mm	mm		
AP I G							

Product	D1	D2	A1	A2	A3
LEDtube 1200mm 16W 740 T8	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
CN I					
LEDtube 1200mm 16W 765 T8	25.68 mm	28 mm	1,198.0 mm	1,205.0 mm	1,212.0 mm
CN I					
LEDtube 600mm 8W 740 T8	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CN I					
LEDtube 600mm 8W 765 T8	25.68 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
CN I					

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

Essential LEDtube

General Information	
Switching Cycle	50,000
Light Technical	
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
Controls and Dimming	
Dimmable	No
Approval and Application	
Ambient temperature range	-20 °C to 45 °C

General Information

Order Code	Full Product Name	Cap-Base	Nominal lifetime	Order Code	Full Product Name	Cap-Base	Nominal lifetime
929001184738	LEDtube 600mm 8W 740 T8 AP I G	G13	15,000 hour(s)	929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	30,000 hour(s)
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	G5	30,000 hour(s)	929001127410	LEDtube 1200mm 16W 740 T8 CN I	G13	15,000 hour(s)
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	30,000 hour(s)	929001127510	LEDtube 1200mm 16W 765 T8 CN I	G13	15,000 hour(s)
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	30,000 hour(s)	929001127610	LEDtube 600mm 8W 740 T8 CN I	G13	15,000 hour(s)
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	30,000 hour(s)	929001127710	LEDtube 600mm 8W 765 T8 CN I	G13	15,000 hour(s)
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	30,000 hour(s)	929001184538	LEDtube 1200mm 16W 740 T8 AP I G	G13	15,000 hour(s)
				929001184638	LEDtube 1200mm 16W 765 T8 AP I G	G13	15,000 hour(s)
				929001184838	LEDtube 600mm 8W 765 T8 AP I G	G13	15,000 hour(s)
				929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	G13	15,000 hour(s)

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Color Code	Luminous Flux
929001184738	LEDtube 600mm 8W 740 T8 AP I G	240 degree(s)	4000 K	70	740	800 lm
929001380608	CorePro LEDtube 600mm 8W830 G5 I APR	200 degree(s)	3000 K	80	830	1,000 lm
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	200 degree(s)	4000 K	80	840	1,050 lm
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	200 degree(s)	6500 K	80	865	1,050 lm
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	200 degree(s)	3000 K	80	830	2,000 lm
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	200 degree(s)	4000 K	80	840	2,100 lm
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	200 degree(s)	6500 K	80	865	2,100 lm
929001127410	LEDtube 1200mm 16W 740 T8 CN I	240 degree(s)	4000 K	73	740	1,600 lm
929001127510	LEDtube 1200mm 16W 765 T8 CN I	240 degree(s)	6500 K	73	765	1,600 lm
929001127610	LEDtube 600mm 8W 740 T8 CN I	240 degree(s)	4000 K	73	740	800 lm
929001127710	LEDtube 600mm 8W 765 T8 CN I	240 degree(s)	6500 K	73	765	800 lm
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	240 degree(s)	4000 K	70	740	1,600 lm
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	240 degree(s)	6500 K	70	765	1,600 lm
929001184838	LEDtube 600mm 8W 765 T8 AP I G	240 degree(s)	6500 K	70	765	800 lm
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	240 degree(s)	6500 K	70	765	1,050 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 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
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
929001127410	LEDtube 1200mm 16W 740 T8 CN I	16 W

Order Code	Full Product Name	Power Consumption
929001127510	LEDtube 1200mm 16W 765 T8 CN I	16 W
929001127610	LEDtube 600mm 8W 740 T8 CN I	8 W
929001127710	LEDtube 600mm 8W 765 T8 CN I	8 W
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 W
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 W
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 W
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	10 W

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001184738	LEDtube 600mm 8W 740 T8 AP I G	60 °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
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
929001127410	LEDtube 1200mm 16W 740 T8 CN I	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001127510	LEDtube 1200mm 16W 765 T8 CN I	60 °C
929001127610	LEDtube 600mm 8W 740 T8 CN I	60 °C
929001127710	LEDtube 600mm 8W 765 T8 CN I	60 °C
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	60 °C
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	60 °C
929001184838	LEDtube 600mm 8W 765 T8 AP I G	60 °C
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	65 °C

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001184738	LEDtube 600mm 8W 740 T8 AP I G	Frosted	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
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
929001127410	LEDtube 1200mm 16W 740 T8 CN I	-	T8

Order Code	Full Product Name	Bulb Finish	Bulb Shape
929001127510	LEDtube 1200mm 16W 765 T8 CN I	-	T8
929001127610	LEDtube 600mm 8W 740 T8 CN I	-	T8
929001127710	LEDtube 600mm 8W 765 T8 CN I	-	T8
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	Frosted	T8
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	Frosted	T8
929001184838	LEDtube 600mm 8W 765 T8 AP I G	Frosted	T8
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	-	T8

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001184738	LEDtube 600mm 8W 740 T8 AP I G	8 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
929001127410	LEDtube 1200mm 16W 740 T8 CN I	16 kWh
929001127510	LEDtube 1200mm 16W 765 T8 CN I	16 kWh
929001127610	LEDtube 600mm 8W 740 T8 CN I	8 kWh
929001127710	LEDtube 600mm 8W 765 T8 CN I	8 kWh
929001184538	LEDtube 1200mm 16W 740 T8 AP I G	16 kWh
929001184638	LEDtube 1200mm 16W 765 T8 AP I G	16 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 kWh
929001277508	LEDtube HO 600mm 10W 765 T8 AP I G	10 kWh

