



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

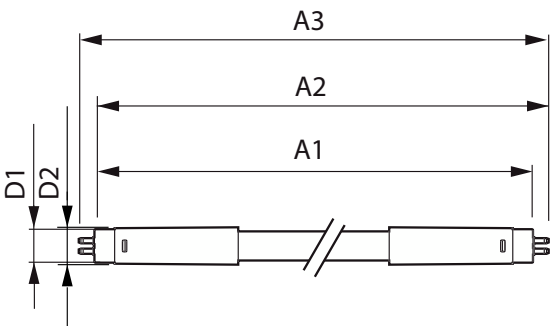
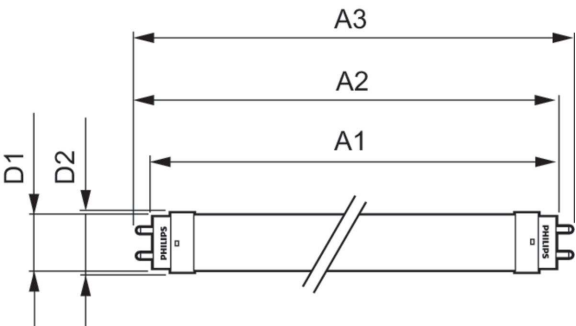
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Versions



LEDtube 600mm, 1200mm G13 T8 AP C G

Dimensional drawing



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

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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
64603800	LEDtube 600mm 8W 740 T8 AP I G	G13	15,000 hour(s)	73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	30,000 hour(s)
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	G5	30,000 hour(s)	73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	30,000 hour(s)
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	G5	30,000 hour(s)	59996900	LEDtube 1200mm 16W 740 T8 AP I G	G13	15,000 hour(s)
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	G5	30,000 hour(s)	59998300	LEDtube 1200mm 16W 765 T8 AP I G	G13	15,000 hour(s)
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	30,000 hour(s)	64605200	LEDtube 600mm 8W 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
64603800	LEDtube 600mm 8W 740 T8 AP I G	240 degree(s)	4000 K	70	740	800 lm
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	200 degree(s)	3000 K	80	830	1,000 lm
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	200 degree(s)	4000 K	80	840	1,050 lm
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	200 degree(s)	6500 K	80	865	1,050 lm
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	200 degree(s)	3000 K	80	830	2,000 lm
73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	200 degree(s)	4000 K	80	840	2,100 lm
73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	200 degree(s)	6500 K	80	865	2,100 lm
59996900	LEDtube 1200mm 16W 740 T8 AP I G	240 degree(s)	4000 K	70	740	1,600 lm
59998300	LEDtube 1200mm 16W 765 T8 AP I G	240 degree(s)	6500 K	70	765	1,600 lm
64605200	LEDtube 600mm 8W 765 T8 AP I G	240 degree(s)	6500 K	70	765	800 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
64603800	LEDtube 600mm 8W 740 T8 AP I G	8 W	73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	16 W
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	8 W	73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	16 W
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	8 W	59996900	LEDtube 1200mm 16W 740 T8 AP I G	16 W
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	8 W	59998300	LEDtube 1200mm 16W 765 T8 AP I G	16 W
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	16 W	64605200	LEDtube 600mm 8W 765 T8 AP I G	8 W

Temperature

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Order Code	Full Product Name	T-Case Maximum (Nom)
64603800	LEDtube 600mm 8W 740 T8 AP I G	60 °C
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	70 °C
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	70 °C
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	70 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	70 °C
73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	70 °C
59996900	LEDtube 1200mm 16W 740 T8 AP I G	60 °C
59998300	LEDtube 1200mm 16W 765 T8 AP I G	60 °C
64605200	LEDtube 600mm 8W 765 T8 AP I G	60 °C

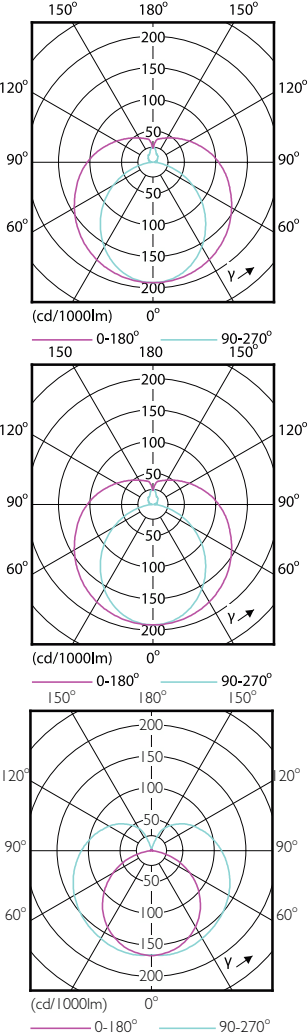
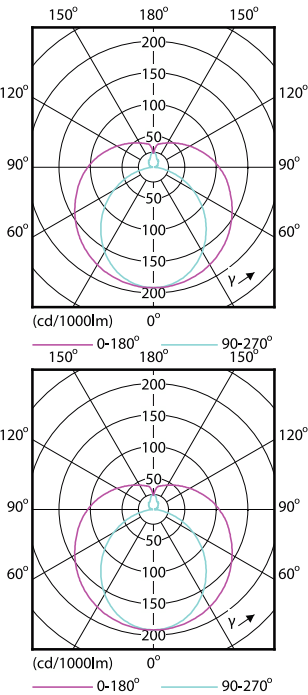
Mechanical and Housing

Order Code	Full Product Name	Bulb Finish	Bulb Shape
64603800	LEDtube 600mm 8W 740 T8 AP I G	Frosted	T8
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	-	T5
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	-	T5
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	-	T5
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	-	T5

Order Code	Full Product Name	Bulb Finish	Bulb Shape
73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	-	T5
73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	-	T5
59996900	LEDtube 1200mm 16W 740 T8 AP I G	Frosted	T8
59998300	LEDtube 1200mm 16W 765 T8 AP I G	Frosted	T8
64605200	LEDtube 600mm 8W 765 T8 AP I G	Frosted	T8

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
64603800	LEDtube 600mm 8W 740 T8 AP I G	8 kWh
73196300	CorePro LEDtube 600mm 8W830 G5 I APR	8 kWh
73198700	CorePro LEDtube 600mm 8W840 G5 I APR	8 kWh
73200700	CorePro LEDtube 600mm 8W865 G5 I APR	8 kWh
73202100	CorePro LEDtube 1200mm 16W830 G5 I APR	16 kWh
73204500	CorePro LEDtube 1200mm 16W840 G5 I APR	16 kWh
73206900	CorePro LEDtube 1200mm 16W865 G5 I APR	16 kWh
59996900	LEDtube 1200mm 16W 740 T8 AP I G	16 kWh
59998300	LEDtube 1200mm 16W 765 T8 AP I G	16 kWh
64605200	LEDtube 600mm 8W 765 T8 AP I G	8 kWh



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