



# 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
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- Longer lifetime minimizes re-lamping for reduced maintenance costs
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- A better choice for the environment – no mercury
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### Features

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

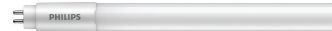
## Application

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

## Versions

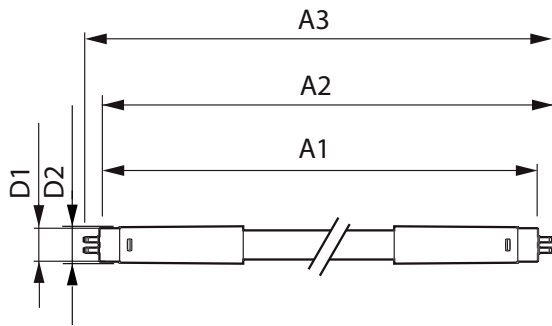


LEDtube 1500mm 20W G13



ESSENTIAL LEDtube 8-16W G5  
830-865 APR

## 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		
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
LEDtube HO 1200mm 20W 740 T8 AP I G	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 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

## Light Technical

LLMF At End Of Nominal Lifetime (Nom)	70 %
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## 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
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## Controls and Dimming

Dimmable	No
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## General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	G13	200,000	30,000 hour(s)
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	G5	50,000	30,000 hour(s)
929001380808	CorePro LEDtube 600mm 8W865 G5 I APR	G5	50,000	30,000 hour(s)
929001380908	CorePro LEDtube 1200mm 16W830 G5 I APR	G5	50,000	30,000 hour(s)

Order Code	Full Product Name	Cap-Base	Switching Cycle	Nominal lifetime
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	G5	50,000	30,000 hour(s)
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	G5	50,000	30,000 hour(s)
929001184838	LEDtube 600mm 8W 765 T8 AP I G	G13	50,000	15,000 hour(s)
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	G13	50,000	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
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	240 degree(s)	6500 K	80	865	2,100 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
929001184838	LEDtube 600mm 8W 765 T8 AP I G	240 degree(s)	6500 K	73	765	800 lm
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	240 degree(s)	4000 K	70	740	2,100 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 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

Order Code	Full Product Name	Power Consumption
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	16 W
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	16 W
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 W
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	20 W

## Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	65 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001380708	CorePro LEDtube 600mm 8W840 G5 I APR	70 °C

# Essential LEDtube

Order Code	Full Product Name	T-Case Maximum (Nom)
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

Order Code	Full Product Name	T-Case Maximum (Nom)
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	70 °C
929001184838	LEDtube 600mm 8W 765 T8 AP I G	60 °C
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	65 °C

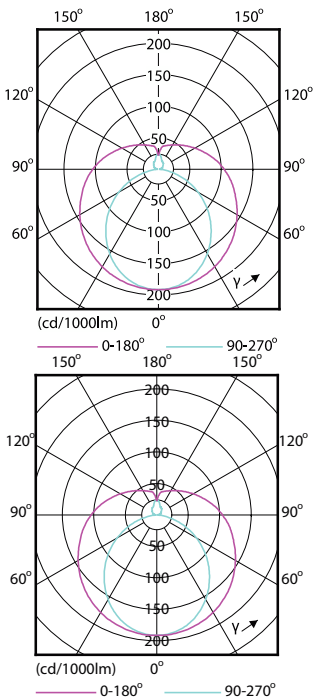
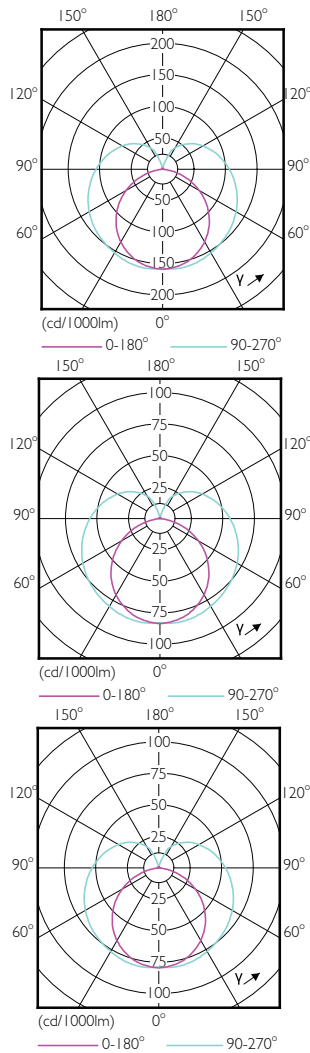
## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	T8
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

Order Code	Full Product Name	Bulb Shape
929001381008	CorePro LEDtube 1200mm 16W840 G5 I APR	T5
929001381108	CorePro LEDtube 1200mm 16W865 G5 I APR	T5
929001184838	LEDtube 600mm 8W 765 T8 AP I G	T8
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	T8

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001383508	CorePro LEDtube HO 1200mm 18W865T8 AP	18 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
929001184838	LEDtube 600mm 8W 765 T8 AP I G	8 kWh
929001277208	LEDtube HO 1200mm 20W 740 T8 AP I G	20 kWh



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