



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

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

Essential LEDtube

Application

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

Versions

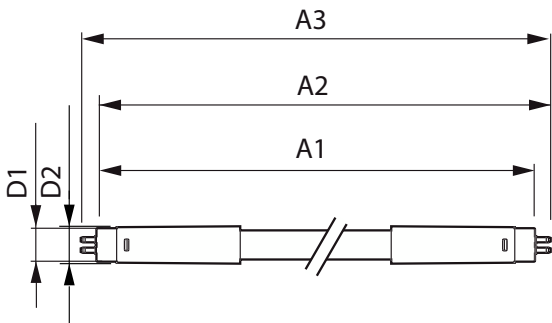
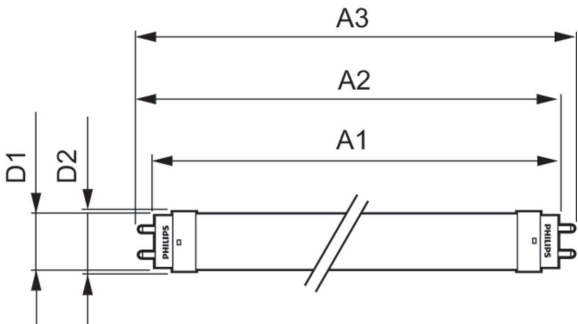


ESSENTIAL LEDtube 8-16W G5
830-865 APR



Standard Product Photo

Dimensional drawing



| Product | D1 | D2 | A1 | A2 | A3 | C | D |
|------------------|-------|-------|-------|-------|-------|-------|------|
| 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 |

| 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

| 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 |
|--------------|--|----------|------------------|--------------|--|----------|------------------|
| 929001380708 | CorePro LEDtube 600mm 8W840 G5 I APR | G5 | 30,000 hour(s) | 929001381008 | CorePro LEDtube 1200mm 16W840 G5 I APR | G5 | 30,000 hour(s) |
| 929001380808 | CorePro LEDtube 600mm 8W865 G5 I APR | G5 | 30,000 hour(s) | 929001381108 | CorePro LEDtube 1200mm 16W865 G5 I APR | G5 | 30,000 hour(s) |
| 929001380908 | CorePro LEDtube 1200mm 16W830 G5 I APR | G5 | 30,000 hour(s) | 929001184838 | 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 |
|--------------|--|------------------|------------------------------------|-----------------------------|------------|---------------|
| 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 | 70 | 765 | 800 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Order Code | Full Product Name | Power Consumption |
|--------------|--|-------------------|--------------|--|-------------------|
| 929001380708 | CorePro LEDtube 600mm 8W840 G5 I APR | 8 W | 929001381008 | CorePro LEDtube 1200mm 16W840 G5 I APR | 16 W |
| 929001380808 | CorePro LEDtube 600mm 8W865 G5 I APR | 8 W | 929001381108 | CorePro LEDtube 1200mm 16W865 G5 I APR | 16 W |
| 929001380908 | CorePro LEDtube 1200mm 16W830 G5 I APR | 16 W | 929001184838 | LEDtube 600mm 8W 765 T8 AP I G | 8 W |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) | Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|--|----------------------|--------------|--|----------------------|
| 929001380708 | CorePro LEDtube 600mm 8W840 G5 I APR | 70 °C | 929001381008 | CorePro LEDtube 1200mm 16W840 G5 I APR | 70 °C |
| 929001380808 | CorePro LEDtube 600mm 8W865 G5 I APR | 70 °C | 929001381108 | CorePro LEDtube 1200mm 16W865 G5 I APR | 70 °C |
| 929001380908 | CorePro LEDtube 1200mm 16W830 G5 I APR | 70 °C | 929001184838 | LEDtube 600mm 8W 765 T8 AP I G | 60 °C |

Mechanical and Housing

| Order Code | Full Product Name | Bulb Finish | Bulb Shape |
|--------------|--|-------------|------------|
| 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 Finish | 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 | Frosted | T8 |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|--|----------------------------------|
| 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 |

