PHILIPS

Lighting

The affordable LEDTube T8 solution

Ecofit LED tubes T8 Mains

Upgrade to efficient, long-lasting LED tubes with the Ecofit LED tubes. Ecofit LED tubes are a fast and easy way to replace your old fluorescent tubes with modern, efficient LED technology. Good quality of light with a natural lighting effect for use in general lighting applications with low initial investment – an environmentally friendly solution.

Benefits

- Up to 50% energy saving compared with coventional fluorescent systems
- Easy installation: retrofit replacement of existing T8 lamps improving the quality of light
- Low initial investment

Features

- Retrofit solution with Long lifetime of 15.000hs
- Up to 50% of energy saving
- Instant on, no flicker or buzz

Application

- Domestic applications
- Small offices and retailers

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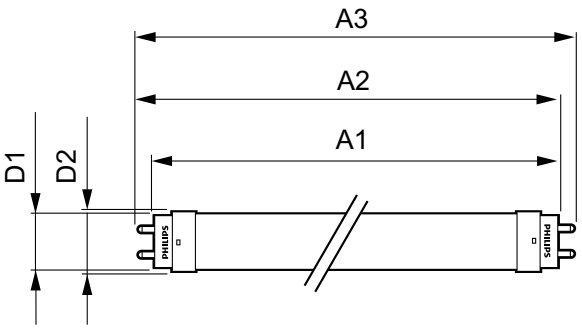
Versions

LEDtube G13

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm 16W 840 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
Ecofit LEDtube 1500mm 20W 840 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
Ecofit LEDtube 1200mm 16W 865 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
Ecofit LEDtube 600mm 8W 865 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
Ecofit LEDtube 1500mm 20W 865 T8	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
Ecofit LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
Ecofit LEDtube 1200mm 16W 840 T8 I	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
Ecofit LEDtube 600mm 8W 840 T8 I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
Ecofit LEDtube 1200mm 16W 865 T8 I	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
Ecofit LEDtube 600mm 8W 865 T8 I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm
Ecofit LEDtube 1500mm 20W 840 T8 I	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm
Ecofit LEDtube 1500mm 20W 865 T8 I	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

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Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	G13
Nominal Lifetime (Nom)	15000 h
Rated Lifetime (Hours)	15000 h
Switching Cycle	50000X
Light Technical	
Beam Angle (Nom)	240 °
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Rated Beam Angle	240 °
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
59520300	Ecofit LEDtube 1200mm 16W 840 T8	16 kWh
69700600	Ecofit LEDtube 1200mm 16W 840 T8 I	16 kWh
59522700	Ecofit LEDtube 1200mm 16W 865 T8	16 kWh
69702000	Ecofit LEDtube 1200mm 16W 865 T8 I	16 kWh
59526500	Ecofit LEDtube 600mm 8W 840 T8	8 kWh
69704400	Ecofit LEDtube 600mm 8W 840 T8 I	8 kWh
59528900	Ecofit LEDtube 600mm 8W 865 T8	8 kWh
69706800	Ecofit LEDtube 600mm 8W 865 T8 I	8 kWh
59530200	Ecofit LEDtube 1500mm 20W 840 T8	20 kWh
69708200	Ecofit LEDtube 1500mm 20W 840 T8 I	20 kWh
59532600	Ecofit LEDtube 1500mm 20W 865 T8	20 kWh
69710500	Ecofit LEDtube 1500mm 20W 865 T8 I	20 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
59520300	Ecofit LEDtube 1200mm 16W 840 T8	16 W
69700600	Ecofit LEDtube 1200mm 16W 840 T8 I	16 W
59522700	Ecofit LEDtube 1200mm 16W 865 T8	16 W
69702000	Ecofit LEDtube 1200mm 16W 865 T8 I	16 W
59526500	Ecofit LEDtube 600mm 8W 840 T8	8 W
69704400	Ecofit LEDtube 600mm 8W 840 T8 I	8 W

Order Code	Full Product Name	Power (Rated) (Nom)
59528900	Ecofit LEDtube 600mm 8W 865 T8	8 W
69706800	Ecofit LEDtube 600mm 8W 865 T8 I	8 W
59530200	Ecofit LEDtube 1500mm 20W 840 T8	20 W
69708200	Ecofit LEDtube 1500mm 20W 840 T8 I	20 W
59532600	Ecofit LEDtube 1500mm 20W 865 T8	20 W
69710500	Ecofit LEDtube 1500mm 20W 865 T8 I	20 W

Light Technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
59520300	Ecofit LEDtube 1200mm 16W 840 T8	840	4000 K	1600 lm	1600 lm
69700600	Ecofit LEDtube 1200mm 16W 840 T8 I	840	4000 K	1600 lm	1600 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
59522700	Ecofit LEDtube 1200mm 16W 865 T8	865	6500 K	1600 lm	1600 lm
69702000	Ecofit LEDtube 1200mm 16W 865 T8 I	865	6500 K	1600 lm	1600 lm

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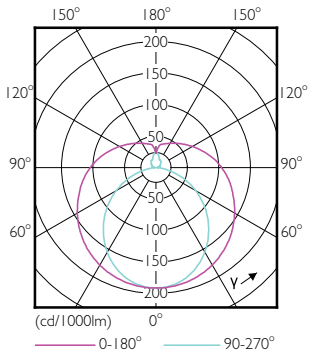
Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
59526500	Ecofit LEDtube 600mm 8W 840 T8	840	4000 K	800 lm	800 lm
69704400	Ecofit LEDtube 600mm 8W 840 T8 I	840	4000 K	800 lm	800 lm
59528900	Ecofit LEDtube 600mm 8W 865 T8	865	6500 K	800 lm	800 lm
69706800	Ecofit LEDtube 600mm 8W 865 T8 I	865	6500 K	800 lm	800 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
59530200	Ecofit LEDtube 1500mm 20W 840 T8	840	4000 K	2000 lm	2000 lm
69708200	Ecofit LEDtube 1500mm 20W 840 T8 I	840	4000 K	2000 lm	2000 lm
59532600	Ecofit LEDtube 1500mm 20W 865 T8	865	6500 K	2000 lm	2000 lm
69710500	Ecofit LEDtube 1500mm 20W 865 T8 I	865	6500 K	2000 lm	2000 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
59520300	Ecofit LEDtube 1200mm 16W 840 T8	60 °C
69700600	Ecofit LEDtube 1200mm 16W 840 T8 I	55 °C
59522700	Ecofit LEDtube 1200mm 16W 865 T8	60 °C
69702000	Ecofit LEDtube 1200mm 16W 865 T8 I	55 °C
59526500	Ecofit LEDtube 600mm 8W 840 T8	60 °C
69704400	Ecofit LEDtube 600mm 8W 840 T8 I	55 °C
59528900	Ecofit LEDtube 600mm 8W 865 T8	60 °C
69706800	Ecofit LEDtube 600mm 8W 865 T8 I	55 °C
59530200	Ecofit LEDtube 1500mm 20W 840 T8	60 °C
69708200	Ecofit LEDtube 1500mm 20W 840 T8 I	60 °C
59532600	Ecofit LEDtube 1500mm 20W 865 T8	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
69710500	Ecofit LEDtube 1500mm 20W 865 T8 I	60 °C



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