



The affordable LED solution

CorePro LEDtube EM/Mains

The CorePro LEDtube is an affordable LED solution 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

- Minimises overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology

Features

- Only 50% energy consumption compared to fluorescent tubes
- Lasts two times longer than fluorescent tubes
- Retrofit replacement of existing T8 lamps on electromagnetic (EM) ballast installations

Application

- Parking lots and covered car parks
- Warehouses and coldrooms
- Signage

Warnings and Safety

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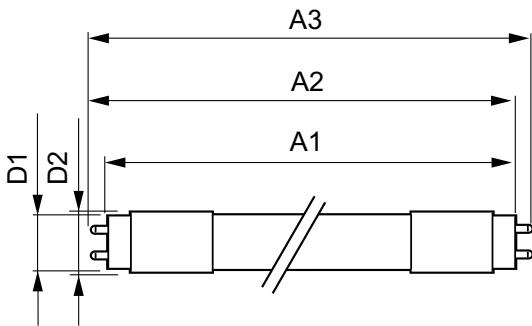
CorePro LEDtube EM/Mains

Versions



Střední dvoukolíková zářivková

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1800mm 21W 840 T8	25.8 mm	28 mm	1762.6 mm	1769.7 mm	1776.8 mm

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Controls and Dimming

Dimmable	No
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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)	30000 h
Switching Cycle	200,000X

Light Technical

Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and Housing

Bulb Shape	Tube, double-ended
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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	Energy Efficiency Label (EEL)
71091300	CorePro LEDtube 1500mm 20W 840	20 kWh	A+
71095100	CorePro LEDtube 1500mm 20W 865	20 kWh	A+
71103300	CorePro LEDtube 600mm 8W840	8 kWh	A+
71105700	CorePro LEDtube 600mm 8W865	8 kWh	A+
71107100	CorePro LEDtube 1200mm 14.5W840	15 kWh	A+
71109500	CorePro LEDtube 1200mm 14.5W865	15 kWh	A+
31692800	CorePro LEDtube 1800mm 21W 840 T8	21 kWh	A++

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
71091300	CorePro LEDtube 1500mm 20W 840	20 W
71095100	CorePro LEDtube 1500mm 20W 865	20 W
71103300	CorePro LEDtube 600mm 8W840	8 W
71105700	CorePro LEDtube 600mm 8W865	8 W

Order Code	Full Product Name	Power (Rated) (Nom)
71107100	CorePro LEDtube 1200mm 14.5W840	14.5 W
71109500	CorePro LEDtube 1200mm 14.5W865	14.5 W
31692800	CorePro LEDtube 1800mm 21W 840 T8	21 W

Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Colour Code	Correlated Colour	
				Temperature (Nom)	Luminous Flux (Nom)
71091300	CorePro LEDtube 1500mm 20W 840	240 °	840	4000 K	2200 lm
71095100	CorePro LEDtube 1500mm 20W 865	240 °	865	6500 K	2200 lm
71103300	CorePro LEDtube 600mm 8W840	240 °	840	4000 K	800 lm
71105700	CorePro LEDtube 600mm 8W865	240 °	865	6500 K	800 lm

Order Code	Full Product Name	Beam Angle (Nom)	Colour Code	Correlated Colour	
				Temperature (Nom)	Luminous Flux (Nom)
71107100	CorePro LEDtube 1200mm 14.5W840	240 °	840	4000 K	1600 lm
71109500	CorePro LEDtube 1200mm 14.5W865	240 °	865	6500 K	1600 lm
31692800	CorePro LEDtube 1800mm 21W 840 T8	160 °	840	4000 K	3100 lm

Mechanical and Housing

CorePro LEDtube EM/Mains

Order Code	Full Product Name	Bulb Finish
71091300	CorePro LEDtube 1500mm 20W 840	-
71095100	CorePro LEDtube 1500mm 20W 865	-
71103300	CorePro LEDtube 600mm 8W840	-
71105700	CorePro LEDtube 600mm 8W865	-

Order Code	Full Product Name	Bulb Finish
71107100	CorePro LEDtube 1200mm 14.5W840	-
71109500	CorePro LEDtube 1200mm 14.5W865	-
31692800	CorePro LEDtube 1800mm 21W 840 T8	Frosted

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
71091300	CorePro LEDtube 1500mm 20W 840	45 °C
71095100	CorePro LEDtube 1500mm 20W 865	45 °C
71103300	CorePro LEDtube 600mm 8W840	40 °C
71105700	CorePro LEDtube 600mm 8W865	40 °C
71107100	CorePro LEDtube 1200mm 14.5W840	40 °C
71109500	CorePro LEDtube 1200mm 14.5W865	40 °C
31692800	CorePro LEDtube 1800mm 21W 840 T8	60 °C

