



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

- Minimizes 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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Versions



Dimensional drawing

A3

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm HO 18W 840 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm
CorePro LEDtube 1500mm HO 24W 865 T8	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) 30000 h

Switching Cycle 200,000X

Light Technical

Beam Angle (Nom) 240 °

Colour Rendering Index (Nom) 80

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Shape Tube, double-ended

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
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	18 kWh
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	18 kWh
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	24 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	18 W
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	18 W

Order Code	Full Product Name	Power (Rated) (Nom)
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	24 W

Light Technical

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	865	6500 K	2000 lm
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	841	4000 K	2000 lm

Order Code	Full Product Name	Colour Code	Correlated Colour	
			Temperature (Nom)	Luminous Flux (Nom)
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	865	6500 K	2700 lm

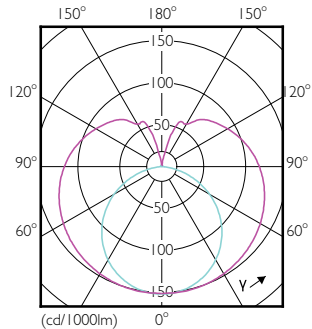
Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
80611100	CorePro LEDtube 1200mm HO 18W 865 T8	50 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
80613500	CorePro LEDtube 1200mm HO 18W 840 T8	50 °C

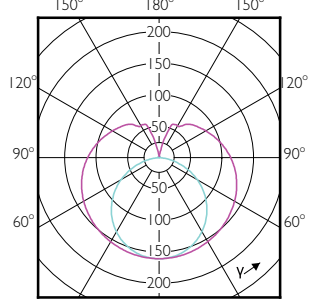
CorePro LEDtube EM/Mains

Order Code	Full Product Name	T-Case Maximum (Nom)
80615900	CorePro LEDtube 1500mm HO 24W 865 T8	55 °C



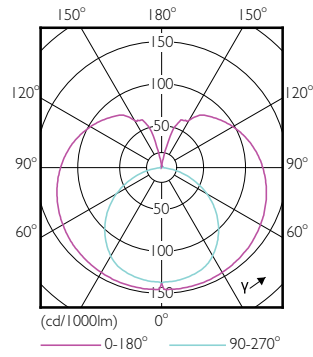
(cd/1000lm) 0°

— 0-180° — 90-270°



(cd/1000lm) 0°

— 0-180° — 90-270°



(cd/1000lm) 0°

— 0-180° — 90-270°

