



# The new generation of universal T8 LEDtube lighting

## CorePro LED tube Universal T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips CorePro LEDtube Universal T8 directly fits in luminaires operating either on Electro Magnetic ballasts or HF Electronic ballasts or mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and lower investment.

### Benefits

- Reduced operational cost thanks to lower energy consumption
- Lower maintenance cost thanks to longer lifetime than conventional lamps
- Fastest and easiest way to upgrade existing luminaires to LED technology; completely safe product and installation process

### Features

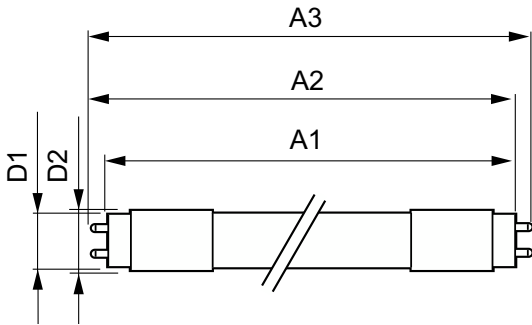
- Replacement of existing T8 lamps on both EM/HF ballast and mains power connection installation
- Energy savings compared with fluorescent tubes
- InstantFit technology for largest ballast compatibility
- Enable implementation of HACCP, supported by product level NSF certificate
- No mercury

### Application

- Offices, shops, classrooms

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## Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1200mm HO 18W840 T8	27.9 mm	28 mm	1,199.4 mm	1,205.3 mm	1,213.6 mm
CorePro LEDtube UN 1500mm HO 23W840 T8	27.9 mm	28 mm	1,500 mm	1,505.9 mm	1,514.2 mm
CorePro LEDtube UN 1500mm HO 23W865 T8	27.9 mm	28 mm	1,500 mm	1,505.9 mm	1,514.2 mm
CorePro LEDtube UN 600mm HO 8W840 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm
CorePro LEDtube UN 600mm HO 8W865 T8	25.7 mm	28 mm	588.6 mm	595.7 mm	602.8 mm

General Information	
Cap-Base	G13
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	240 degree(s)
Color rendering index (CRI)	80
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
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T8
Approval and Application	
Ambient temperature range	-20 to +45 °C

## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code	Luminous Flux
929001869302	CorePro LEDtube UN 1200mm HO 18W840 T8	4000 K	840	2,000 lm
929001869602	CorePro LEDtube UN 1500mm HO 23W840 T8	4000 K	840	2,700 lm
929001869702	CorePro LEDtube UN 1500mm HO 23W865 T8	6500 K	865	2,700 lm
929002419902	CorePro LEDtube UN 600mm HO 8W840 T8	4000 K	840	900 lm
929002420002	CorePro LEDtube UN 600mm HO 8W865 T8	6500 K	865	900 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
929001869302	CorePro LEDtube UN 1200mm HO 18W840 T8	18 W
929001869602	CorePro LEDtube UN 1500mm HO 23W840 T8	23 W
929001869702	CorePro LEDtube UN 1500mm HO 23W865 T8	23 W

Order Code	Full Product Name	Power Consumption
929002419902	CorePro LEDtube UN 600mm HO 8W840 T8	8 W
929002420002	CorePro LEDtube UN 600mm HO 8W865 T8	8 W

## Temperature

# CorePro LED tube Universal T8

Order Code	Full Product Name	T-Case Maximum (Nom)
929001869302	CorePro LEDtube UN 1200mm HO 18W840 T8	55 °C
929001869602	CorePro LEDtube UN 1500mm HO 23W840 T8	60 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001869702	CorePro LEDtube UN 1500mm HO 23W865 T8	60 °C
929002419902	CorePro LEDtube UN 600mm HO 8W840 T8	45 °C
929002420002	CorePro LEDtube UN 600mm HO 8W865 T8	45 °C

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001869302	CorePro LEDtube UN 1200mm HO 18W840 T8	18 kWh
929001869602	CorePro LEDtube UN 1500mm HO 23W840 T8	23 kWh
929001869702	CorePro LEDtube UN 1500mm HO 23W865 T8	23 kWh
929002419902	CorePro LEDtube UN 600mm HO 8W840 T8	8 kWh
929002420002	CorePro LEDtube UN 600mm HO 8W865 T8	8 kWh

