



CorePro LEDtube EM/ Mains T8

CorePro LEDTube 8ft 32W 3800lm 865 T8 BR

Philips CorePro LEDtubes are the quick and easy way to replace T8 fluorescent or other LED tubes with a fast pack back time. Not only does the Core range of LEDtubes require a low initial investment, but LED energy efficiency also delivers instant savings that you can bank on over a long and reliable lifetime. Plus, with the same lamp size and light distribution as fluorescent alternatives, you'll never know the difference. There are two ways to install these LED tubes: Rewire your existing fluorescent-based luminaires so the CorePro LEDtubes work directly on the Mains. Or simply change the fluorescent starter to an LED starter that can be used with your Electromagnetic ballasts.

Warnings and Safety

- NOTE: The overall energy efficiency and light distribution of any installation that uses these lamps will be determined by the design of the installation.
- Installation must be done according to the installation diagrams provided with the lamp or available online. Installation must be done by a certified professional.

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G13		118 lm/W
Nominal lifetime	25,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	50,000	Correlated Color Temperature (Nom)	6500 K
Lighting Technology	LED	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Power Consumption	32 W
Luminous Flux	3,800 lm		

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Lamp Current (Max)	255 mA
Lamp Current (Min)	150 mA
Wattage Equivalent	110 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	100-240 V

Temperature

Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	65 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	2,400 mm
Bulb Shape	Tube, double-ended

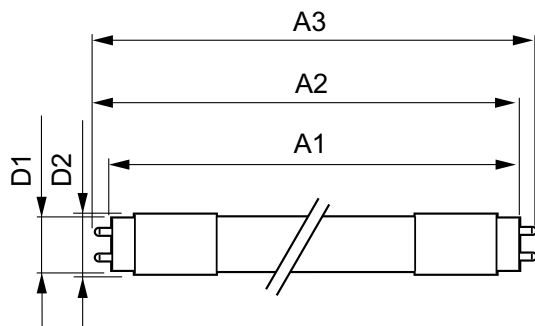
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes

Product Data

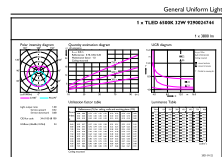
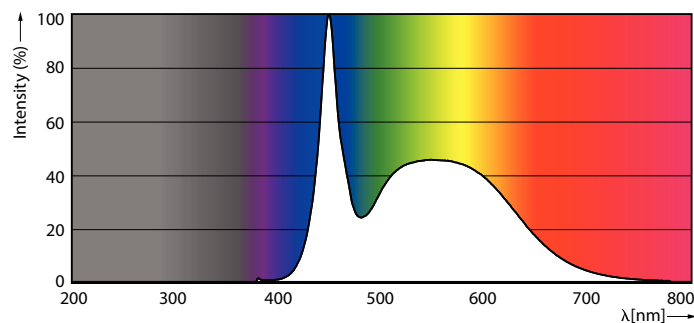
Order product name	CorePro LEDTube 8ft 32W 3800lm 865 T8 BR
Full product name	CorePro LEDTube 8ft 32W 3800lm 865 T8 BR
Full product code	871951428773000
Order code	929002474472
Material Nr. (12NC)	929002474472
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.345 kg
EAN/UPC - Product/Case	8719514287730
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514287747

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDTube 8ft 32W 3800lm 865 T8 BR	27.8 mm	27.8 mm	2,373.1 mm	2,380.2 mm	2,387.3 mm

Photometric data

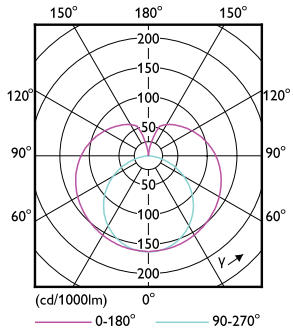


Spectral Power Distribution Colour - CorePro LEDTube 8ft 32W 3800lm 865 T8 BR

General uniform lighting - CorePro LEDTube 8ft 32W 3800lm 865 T8 BR

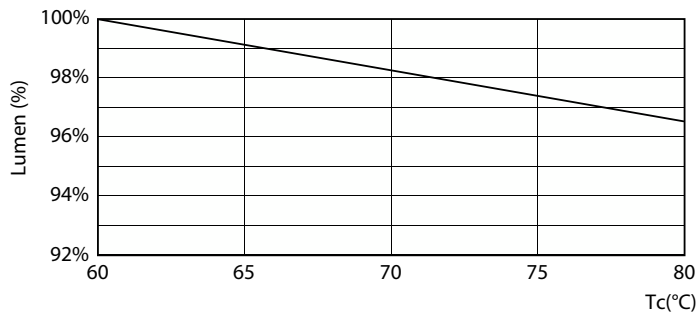
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Photometric data

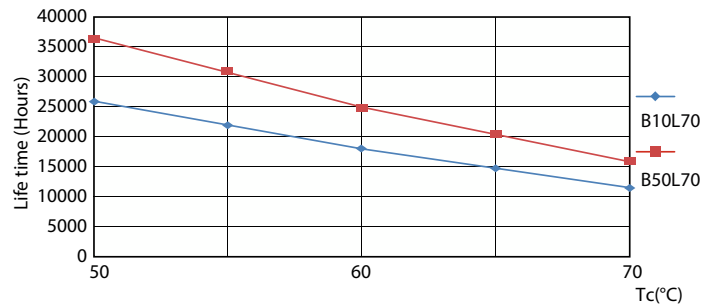


Light Distribution Diagram - CorePro LEDTube 8ft 32W 3800lm 865 T8 BR

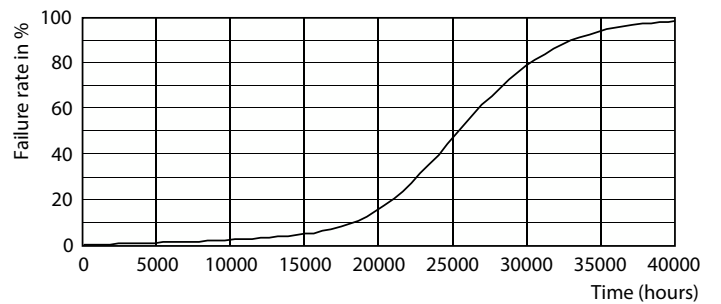
Lifetime



Lumen Maintenance Diagram - CorePro LEDTube 8ft 32W 3800lm 865 T8 BR



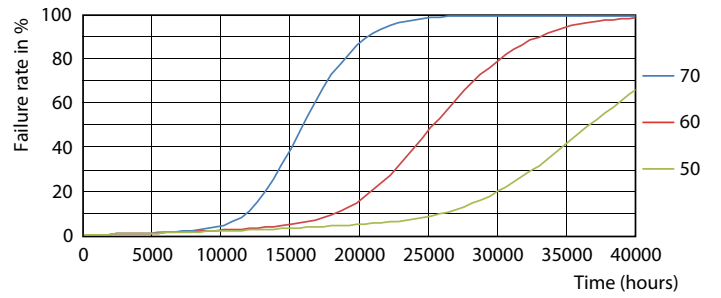
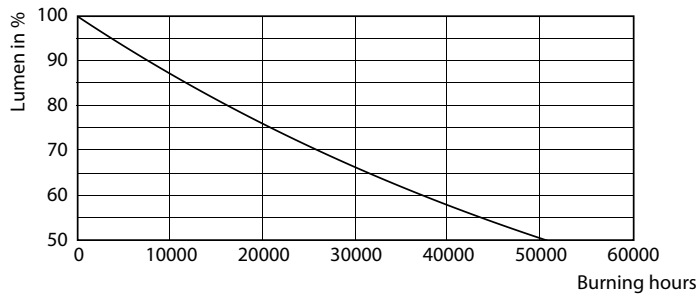
LifetimeVsTc



Life Expectancy Diagram

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Lifetime



Lumen Maintenance Diagram - CorePro LEDTube 8ft 32W 3800lm 865 T8 BR

FailureRate

