



CorePro LEDtube EM/ Mains

CorePro LEDtube 1200mm 14.5W840

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.

Warnings and Safety

• –

Product data

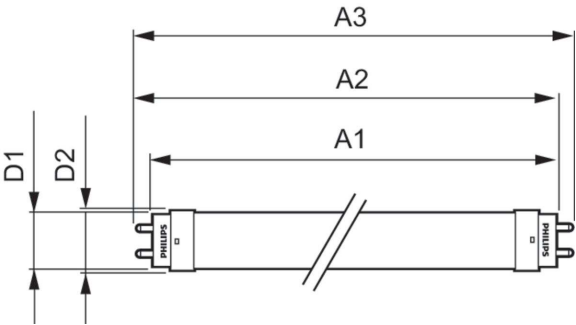
General Information		Stroboscopic effect	
Cap base	G13 [Medium Bi-Pin Fluorescent]	2	
Nominal lifetime	30,000 h	Photobiological safety according to EN 62471 RGO	
Switching Cycle	200,000		
Lighting Technology	LED	Operating and Electrical	
EU RoHS compliant	Yes	Line Frequency	50 to 60 Hz
		Input frequency	50 to 60 Hz
		Power Consumption	14.5 W
		Starting time (nom.)	0.5 s
		Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9
		Voltage (nom.)	220-240 V
		LED alternative to fluorescent lamp power	36 W
		Temperature	
		Ambient temperature range	-20°C to 45°C
		T-Case maximum (nom.)	40 °C
Light Technical			
Colour Code	840 [CCT of 4000K]		
Beam angle (nom.)	240 degree(s)		
Luminous Flux	1,600 lm		
Colour designation	Cool White (CW)		
Correlated Colour Temperature	4000 K		
Luminous efficacy (rated) (nom.)	110.00 lm/W		
Colour consistency	<6		
Colour rendering index (CRI)	80		
LLMF at end of nominal lifetime (nom.)	70 %		
Flickering value (PstLM)	2		

CorePro LEDtube EM/Mains

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb material	Glass
Product length	1,200 mm
Approval and Application	
Energy-saving product	Yes
Approval marks	CE marking RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	15 kWh

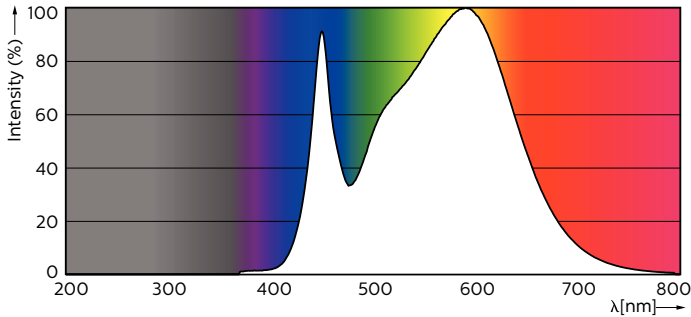
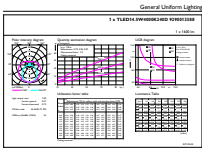
Product Data	
Order product name	CorePro LEDtube 1200mm 14.5W840
Full product name	CorePro LEDtube 1200mm 14.5W840
Full EOC	871869671107100
Order code	71107100
Material no. (12 NC)	929001338802
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696711071
Numerator – packs per outer box	10
EAN/UPC – Case	8718696711088

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 14.5W840	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

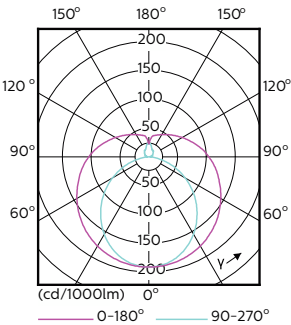
Photometric data



General uniform lighting - CorePro LEDtube 1200mm 14.5W840

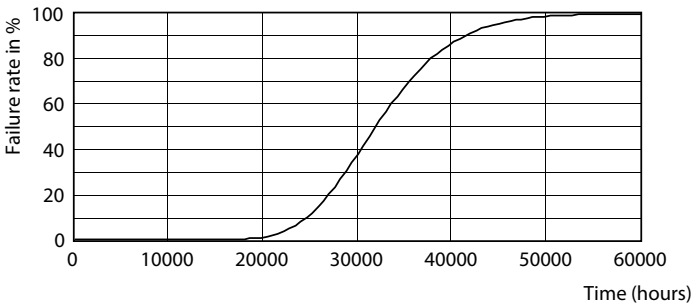
Spectral Power Distribution Colour - CorePro LEDtube 1200mm 14.5W840

Photometric data

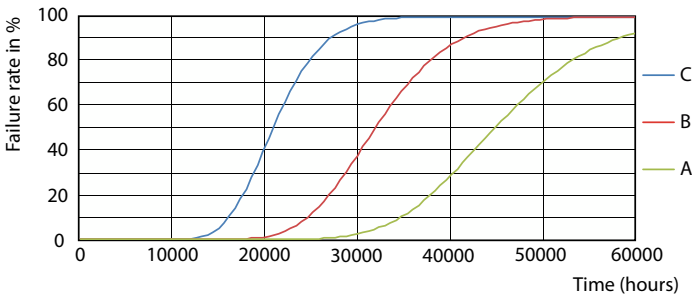


Light Distribution Diagram - CorePro LEDtube 1200mm 14.5W840

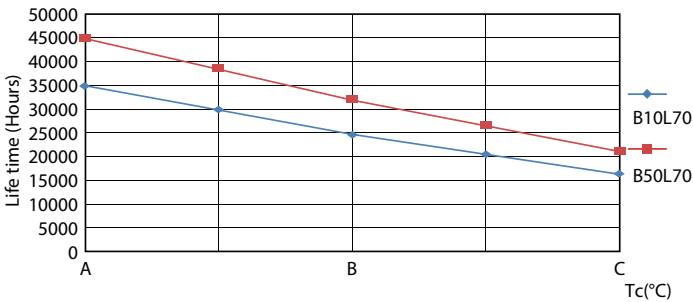
Lifetime



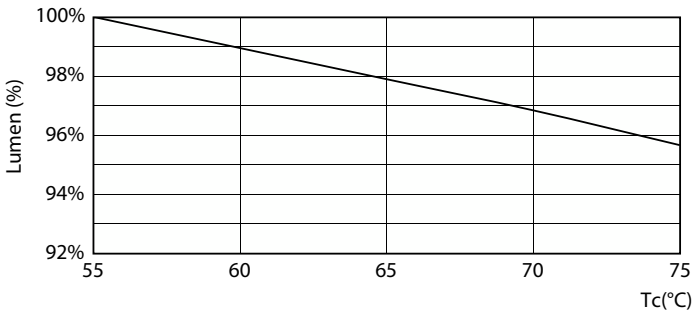
Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Life Expectancy Diagram - CorePro LEDtube 1200mm 14.5W840



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 14.5W840

CorePro LEDtube EM/Mains

Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 14.5W840

