



# CorePro LED tube EM/ Mains T8

## Corepro LEDtube HO 1200mm 18W840T8 AP

CorePro, LEDtube, T8, EM/Mains, 1200 mm, 220-240 V, 18 W, 36W TL-D, 4000 K, 2100 lm, 50000 hour(s)

CorePro, LEDtube, T8, EM/Mains, 1200 mm, 220-240 V, 18 W, LED alternative to 36W TL-D, 4000 K, 2100 lm, 50000 hour(s), 116.00 lm/W, G13, Beam angle 240 degree(s), Glass

### Warnings and Safety

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### Product data

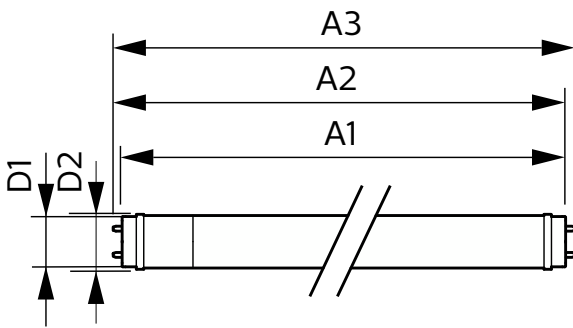
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	G13		70 %
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	200,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDtube	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	18 W
Color Code	840 [CCT of 4000K]	Lamp Current (Max)	97 mA
Beam Angle (Nom)	240 degree(s)	Lamp Current (Min)	97 mA
Luminous Flux	2,100 lm	Starting Time (Nom)	0.5 s
Color Designation	Cool White (CW)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	116.00 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6	LED alternative to fluorescent lamp power	36W TL-D
Color rendering index (CRI)	80	Ballast Compatibility	EM/Mains

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Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.200 kg
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
EU RoHS compliant	Yes

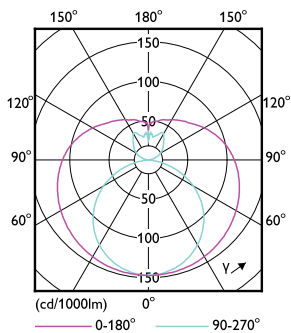
Ambient temperature range	-20 °C to 45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	Corepro LEDtube HO 1200mm 18W840T8 AP
Full product name	Corepro LEDtube HO 1200mm 18W840T8 AP
Full product code	871951444711000
Order code	929003520708
Material Nr. (12NC)	929003520708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514447110
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514447127

## Dimensional drawing

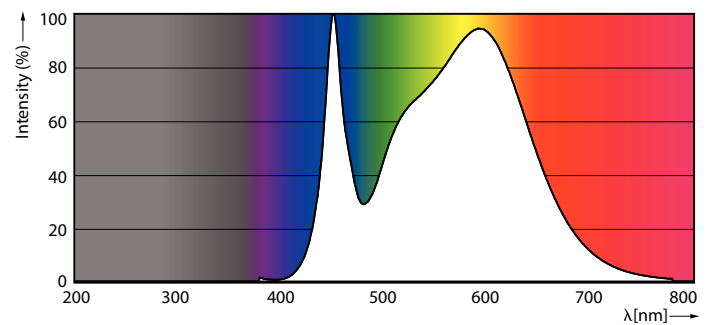


Product	D1	D2	A1	A2	A3
Corepro LEDtube HO 1200mm 18W840T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data



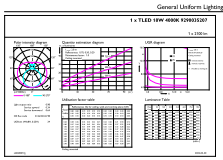
Light Distribution Diagram - Corepro LEDtube HO 1200mm 18W840T8 AP



Spectral Power Distribution Colour - Corepro LEDtube HO 1200mm 18W840T8 AP

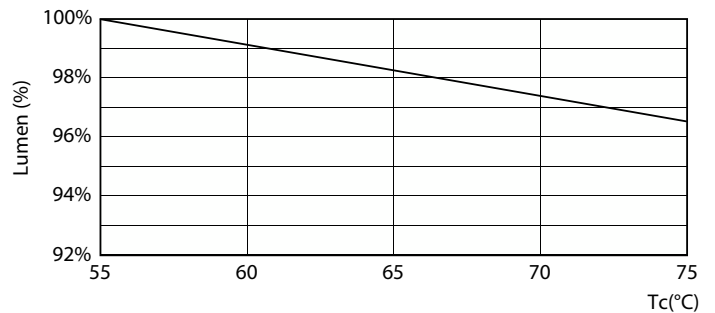
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## Photometric data

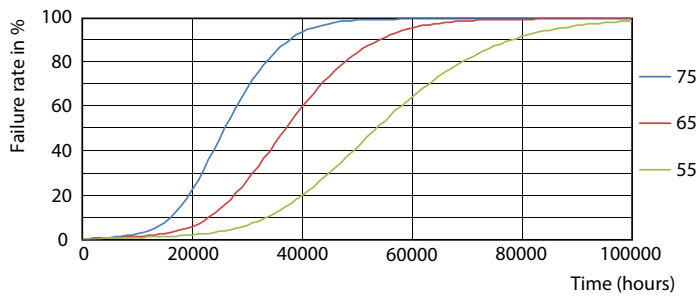


General uniform lighting - Corepro LEDtube HO 1200mm 18W840T8 AP

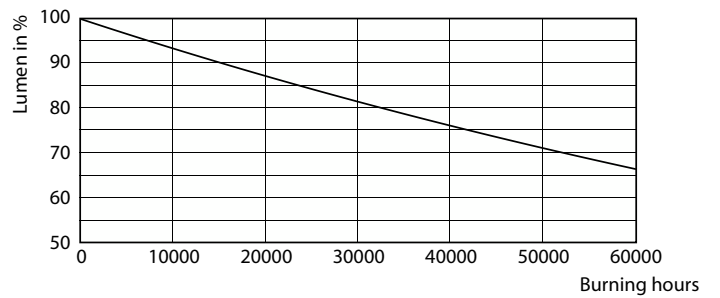
## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - Corepro LEDtube HO 1200mm 18W840T8 AP

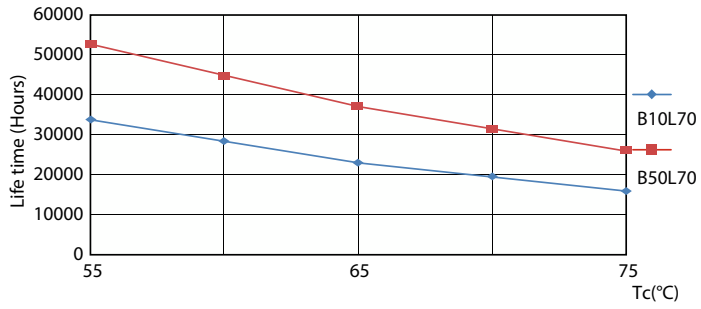


FailureRate

Lumen Maintenance Diagram - Corepro LEDtube HO 1200mm 18W840T8 AP

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## Lifetime



LifetimeVsTc

