PHILIPS

Lighting

CorePro LED tube Mains T5

CorePro LEDtube 1200mm 16W840 G5 I APR

CorePro, LEDtube, T5, Mains, 1200 mm, 100-240 V, 16 W, 28W TL5 HE, 4000 K, 2100 lm, 30000 hour(s)

CorePro, LEDtube, T5, Mains, 1200 mm, 100-240 V, 16 W, LED alternative to 28W TL5 HE, 4000 K, 2100 lm, 30000 hour(s), 131.00 lm/W, G5, Beam angle 200 degree(s)

Product data

General Information	
Cap-Base	G5
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	200 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	131.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Lamp Current (Max)	178 mA
Lamp Current (Min)	77 mA
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
LED alternative to fluorescent lamp power	28W TL5 HE
Ballast Compatibility	Mains

Temperature	
T-Case Maximum (Nom)	70 °C

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Controls and Dimming	
Dimmable	No

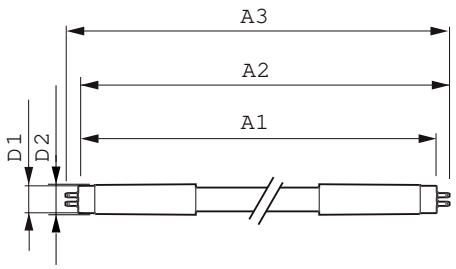
Mechanical and Housing	
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.120 kg

Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
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 1200mm 16W840 G5 I APR
Full product name	CorePro LEDtube 1200mm 16W840 G5 I APR
Full product code	871869673204500
Order code	929001381008
Material Nr. (12NC)	929001381008
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696732045
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696732052

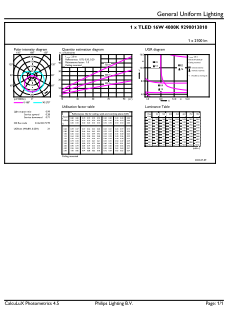
Dimensional drawing



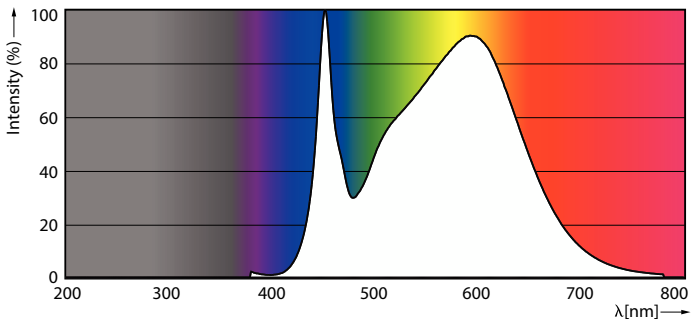
D1	D2	A1	A2	A3
15.8mm	19mm	1149mm	1156.1mm	11632mm

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1200mm 16W840 G5 I APR	15.8 mm	19 mm	1,149 mm	1,156.1 mm	1,163.2 mm

Photometric data



General uniform lighting - CorePro LEDtube 1200mm 16W840 G5 I APR



Spectral Power Distribution Colour - CorePro LEDtube 1200mm 16W840 G5 I APR

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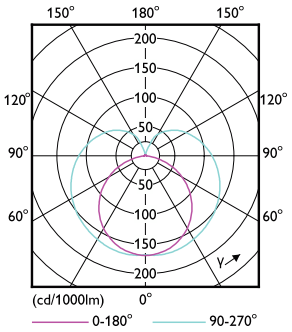
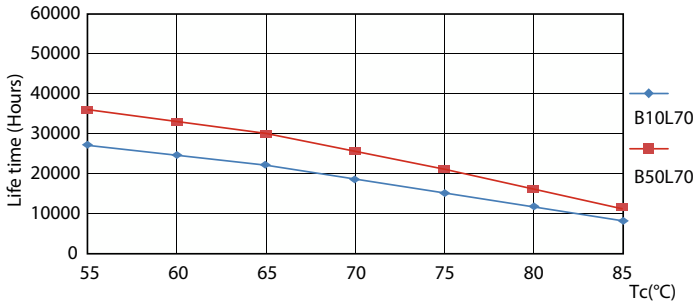
Photometric data

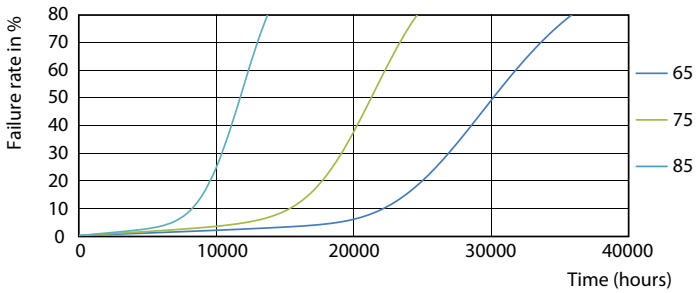


Light Distribution Diagram - CorePro LEDtube 1200mm 16W840 G5 I APR

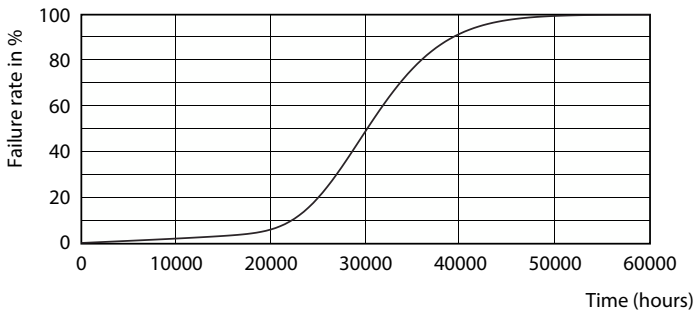
Lifetime



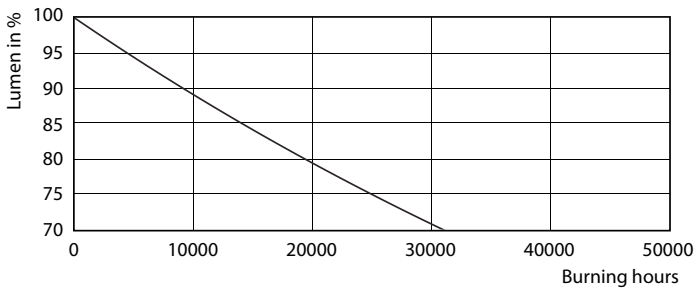
ESSENTIAL LEDtube 8-16W G5 830-865 APR



ESSENTIAL LEDtube 8-16W G5 830-865 APR



ESSENTIAL LEDtube 8-16W G5 830-865 APR



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W840 G5 I APR

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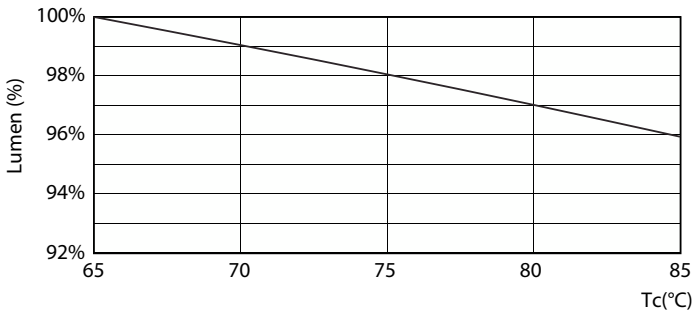
Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 1200mm 16W840 G5 I APR

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