PHILIPS

Lighting

CorePro LED tube Mains T5

CorePro LEDtube 600mm 8W840 G5 I APR

CorePro, LEDtube, T5, Mains, 600 mm, 100-240 V, 8 W, 14W TL5 HE, 4000 K, 1050 lm, 30000 hour(s)

CorePro, LEDtube, T5, Mains, 600 mm, 100-240 V, 8 W, LED alternative to 14W TL5 HE, 4000 K, 1050 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	1,050 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	8 W
Lamp Current (Max)	89 mA
Lamp Current (Min)	39 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	14W TL5 HE
Ballast Compatibility	Mains

Temperature	
T-Case Maximum (Nom)	70 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	600 mm

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Bulb Shape	T5
Net Weight (Piece)	0.070 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

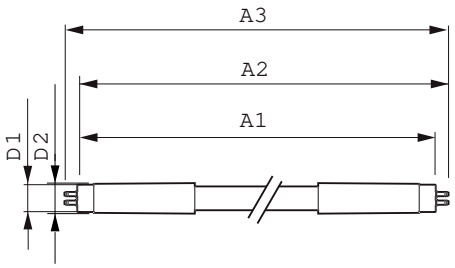
Application Conditions

Wireless Technology	Not applicable

Product Data

Order product name	CorePro LEDtube 600mm 8W840 G5 I APR
Full product name	CorePro LEDtube 600mm 8W840 G5 I APR
Full product code	871869673198700
Order code	929001380708
Material Nr. (12NC)	929001380708
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696731987
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696731994

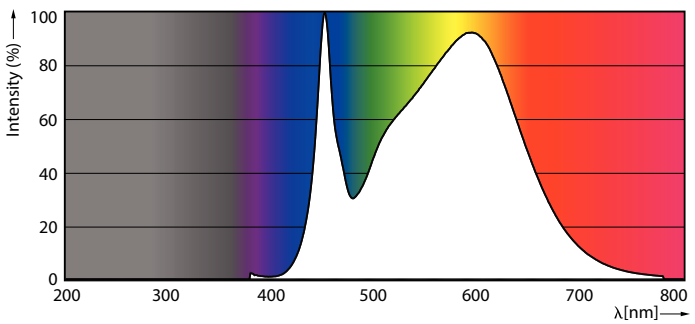
Dimensional drawing



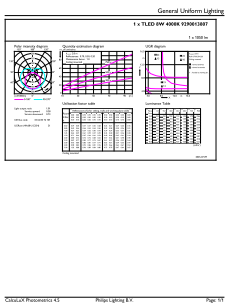
D1	D2	A1	A2	A3
15.8mm	19mm	549mm	556.1mm	563.2mm

Product	D1	D2	A1	A2	A3
CorePro LEDtube 600mm 8W840 G5 I APR	15.8 mm	19 mm	549 mm	556.1 mm	563.2 mm

Photometric data



Spectral Power Distribution Colour - CorePro LEDtube 600mm 8W840 G5 I APR



General uniform lighting - CorePro LEDtube 600mm 8W840 G5 I APR

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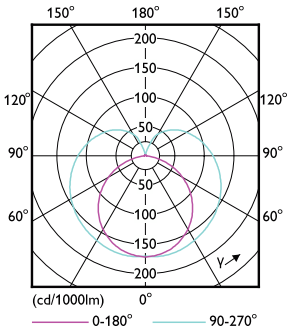
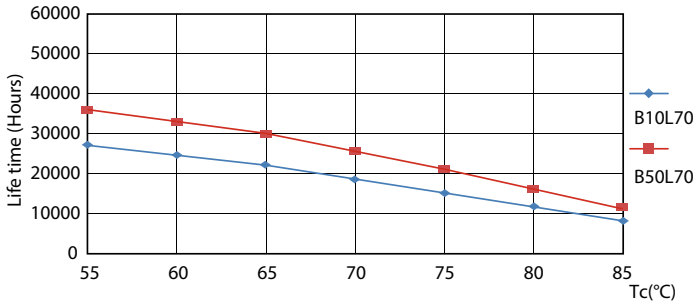
Photometric data

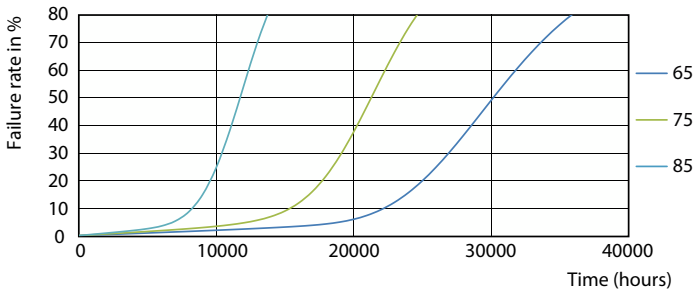


Light Distribution Diagram - CorePro LEDtube 600mm 8W840 G5 I APR

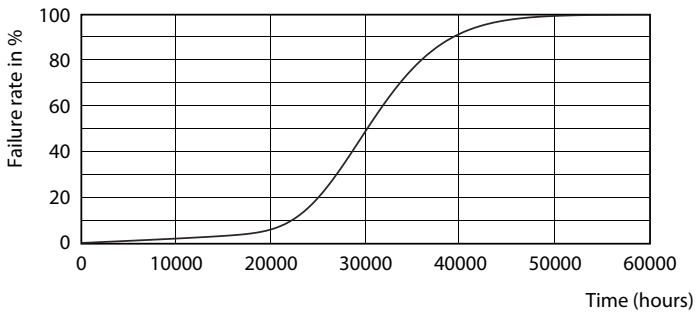
Lifetime



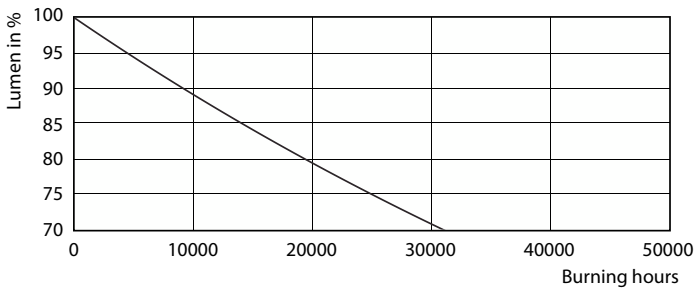
ESSENTIAL LEDtube 8-16W G5 830-865 APR



ESSENTIAL LEDtube 8-16W G5 830-865 APR



ESSENTIAL LEDtube 8-16W G5 830-865 APR



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W840 G5 I APR

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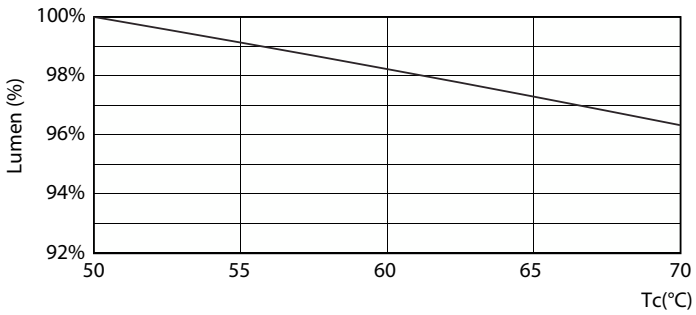
Lifetime



Lumen Maintenance Diagram - CorePro LEDtube 600mm 8W840 G5 I APR

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