



CorePro LED tube Universal T8



CorePro LEDtube UN 1500mm HO 23W840 T8

The new Philips CorePro LEDtube Universal T8 brings simplicity to your lighting project. You don't need to pay attention to the driver technology anymore. Thanks to a unique design, Philips CorePro LEDtube Universal T8 directly fits in luminaires operating either on Electro Magnetic ballasts or HF Electronic ballasts or mains power connection. So simple to operate and no need to carry double stock of products! Perfectly safe, reliable & easy to install Philips CorePro LEDtube Universal T8 is the ideal alternative to standard fluorescent tubes to save energy and lower investment.

Product data

General information	
Lighting Technology	LED
Flux measurement reference	Sphere
Switching Cycle	50,000
Nominal lifetime	50,000 h
Cap base	G13 [Medium Bi-Pin Fluorescent]

Light technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	240 degree(s)
Luminous Flux	2,700 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and electrical	
Flickering value (PstLM)	1
Stroboscopic effect	0.9
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	23 W
Lamp current (nom.)	130 mA
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

Temperature	
Ambient temperature range	-20°C to 45°C
T-Case maximum (nom.)	60 °C

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Controls and dimming

Dimmable	No
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Mechanical and housing

Lamp Finish	Frosted
Bulb material	Glass
Product length	1,500 mm
Bulb shape	Tube, double-ended

Approval and application

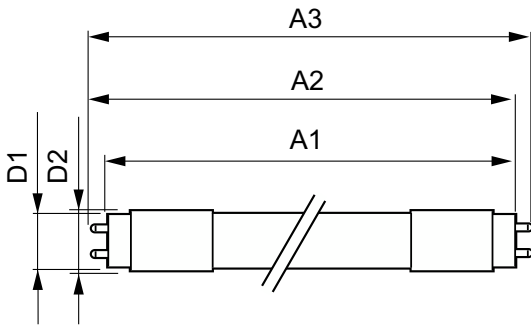
Energy Efficiency Class	E
Energy-saving product	Yes
Approval marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy consumption kWh/1,000 hours	23 kWh

EPREL registration number	1315791
CE mark	Yes
EU RoHS compliant	Yes

Product data

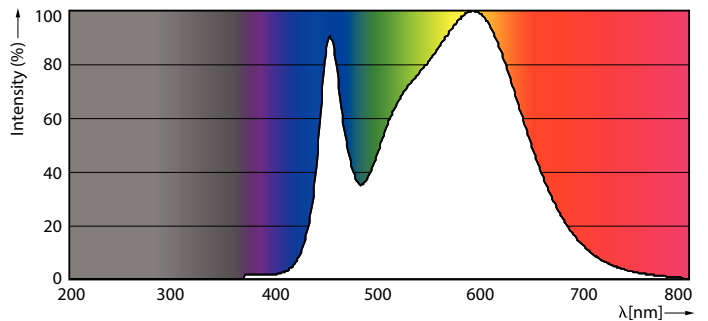
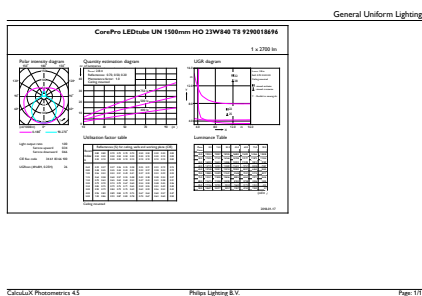
Full EOC	871869680174100
Order product name	CorePro LEDtube UN 1500mm HO 23W840 T8
Order code	80174100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	10
Material number (12NC)	929001869602
Full product name	CorePro LEDtube UN 1500mm HO 23W840 T8
EAN/UPC - Case	8718696801758

Dimensional drawing



Product	D1	D2	A1	A2	A3
CorePro LEDtube UN 1500mm HO 23W840 T8	27.9 mm	28 mm	1,500 mm	1,505.9 mm	1,514.2 mm

Photometric data

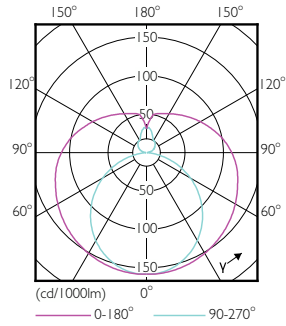


General uniform lighting - CorePro LEDtube UN 1500mm HO 23W840 T8

Spectral Power Distribution Colour - CorePro LEDtube UN 1500mm HO 23W840 T8

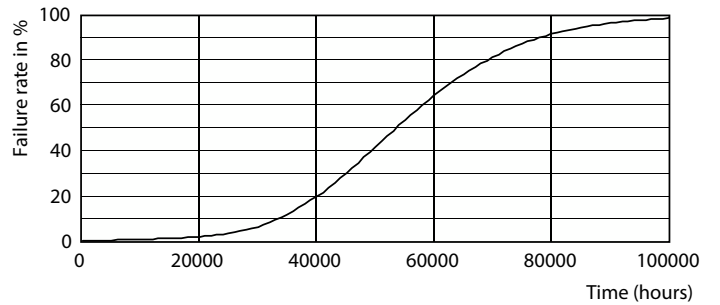
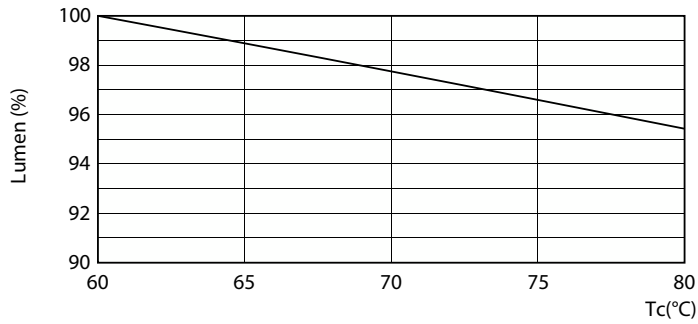
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Photometric data



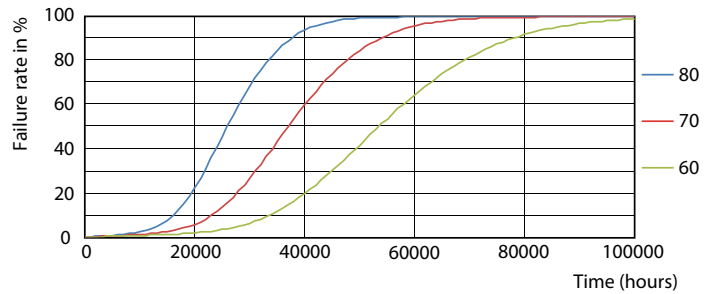
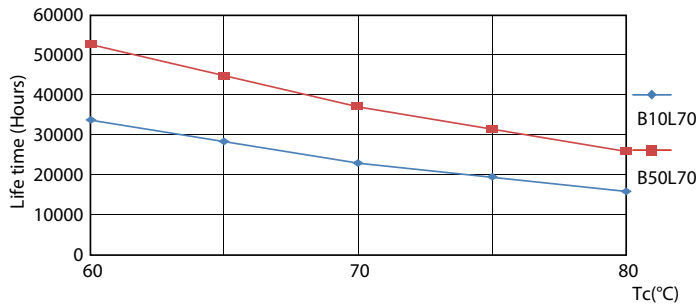
Light Distribution Diagram

Lifetime



Lumen Maintenance Diagram

Life Expectancy Diagram - CorePro LEDtube UN 1500mm HO 23W840 T8

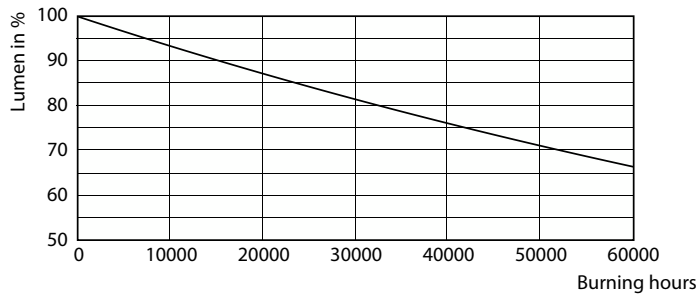


Life Expectancy Diagram

Life Expectancy Diagram

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Lifetime



Lumen Maintenance Diagram - CorePro LEDtube UN 1500mm HO 23W840 T8

