



# 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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,700 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

LLMF At End Of Nominal Lifetime (Nom) 70 %	
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Operating and Electrical	
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

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm
Bulb Shape	Tube, double-ended

## Approval and Application

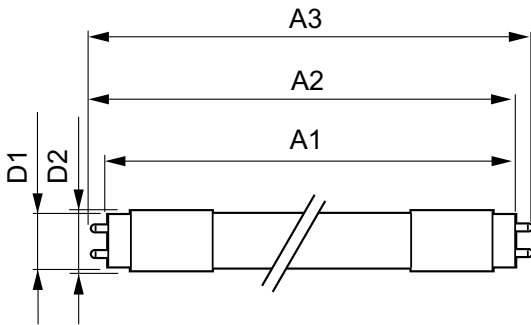
Energy Saving Product	Yes
Approval Marks	RoHS compliance TUV CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	1,315,791

CE mark	Yes
EU RoHS compliant	Yes

## Product Data

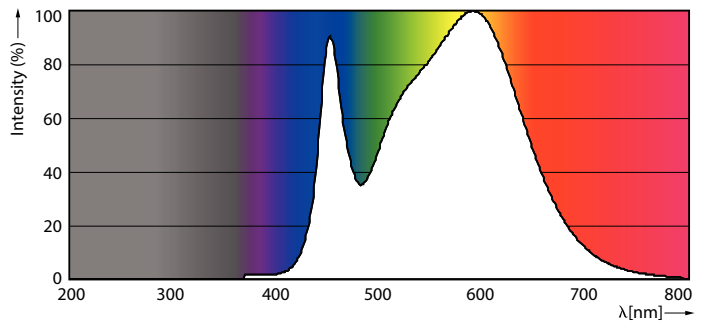
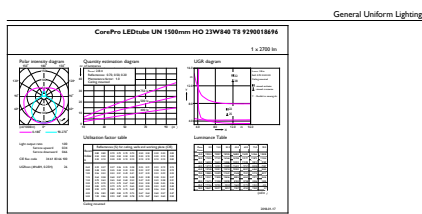
Full product code	871869680174100
Order product name	CorePro LEDtube UN 1500mm HO 23W840 T8
Order code	929001869602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material number (12NC)	929001869602
Full product name	CorePro LEDtube UN 1500mm HO 23W840 T8
EAN/UPC - Case	8718696801758

## 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

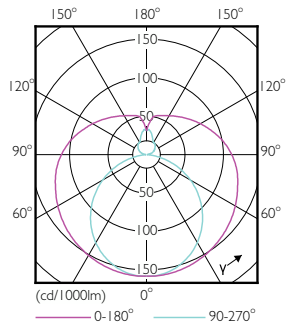
## Photometric data



Spectral Power Distribution Colour

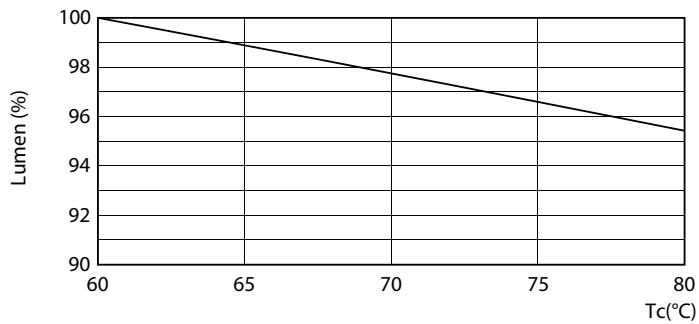
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## Photometric data

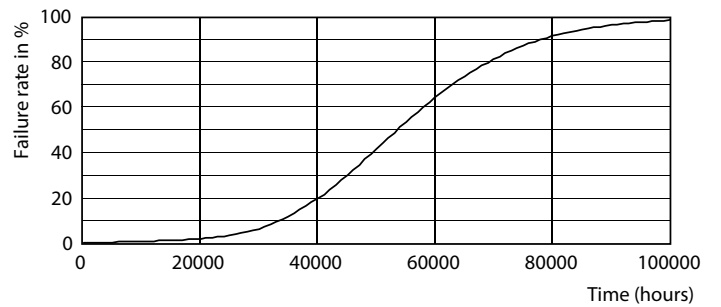


Light Distribution Diagram

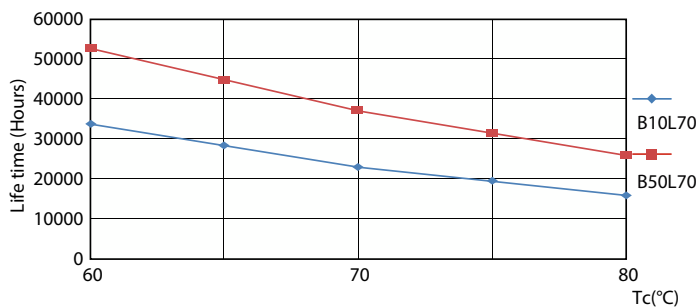
## Lifetime



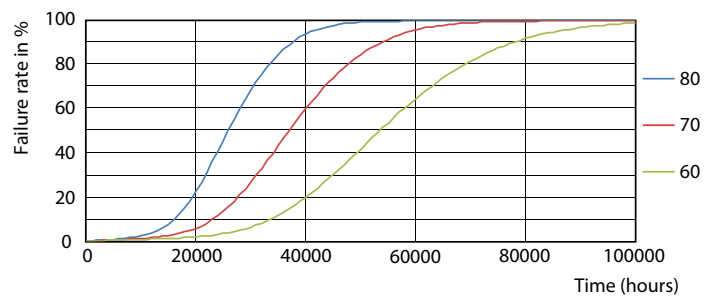
Lumen Maintenance Diagram



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



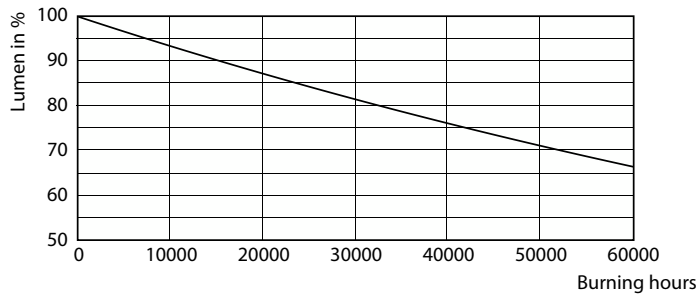
Life Expectancy Diagram



Life Expectancy Diagram

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## Lifetime



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

