



CorePro LED tube Universal T8

CorePro LEDtube UN 1500mm HO 23W840 T8

CorePro, LEDtube, T8, Universal, 1500 mm, 23 W, 58W TL-D, 4000 K, 2700 lm, CRI 80, 50000 hour(s)

CorePro, LEDtube, T8, Universal, 1500 mm, 23 W, LED alternative to 58W TL-D, 4000 K, 2700 lm, CRI 80, 50000 hour(s), 117 lm/W, EEL E, G13, Beam angle 240 degree(s), Glass, 1500 mm, RG0, SDCM 6, PF 0.9, IP20, SVM 0.4, PstLM 1

Product data

General Information		Photobiological safety according to EN 62471	
Cap-Base	G13		RG0
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LEDtube	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	23 W
Warranty period	3 years	Lamp Current (Nom)	130 mA
Light Technical		Starting Time (Nom)	0.5 s
Color Code	840 [CCT of 4000K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	240 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	2,700 lm	Voltage (Nom)	220-240 V
Color Designation	Cool White (CW)	LED alternative to fluorescent lamp power	58W TL-D
Correlated Color Temperature (Nom)	4000 K	Inrush current at mains	9.6
Luminous Efficacy (rated) (Nom)	117 lm/W	Max. lamp no. on MCB B type 10A - Mains	80
Color Consistency	<6	Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	80
Color rendering index (CRI)	80	Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	16
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Max. lamp no. on MCB B type 16A – Mains	128
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	128
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	25
Ballast Compatibility	Universal

Temperature

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	T8
Net Weight (Piece)	0.270 kg

Approval and Application

Energy Efficiency Class	E
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh

EPREL Registration Number	1932579
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

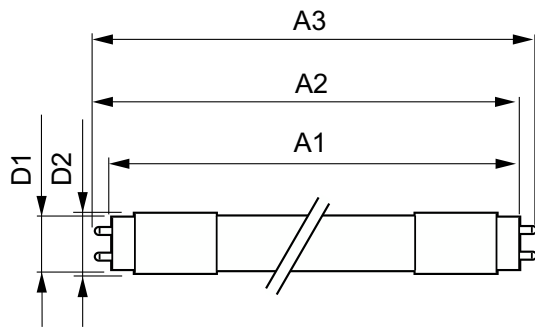
Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

Order product name	CorePro LEDtube UN 1500mm HO 23W840 T8
Full product name	CorePro LEDtube UN 1500mm HO 23W840 T8
Full product code	871869680174100
Order code	929001869602
Material Nr. (12NC)	929001869602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696801741
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696801758

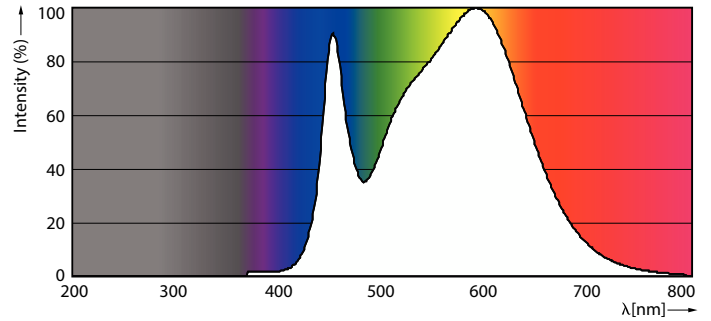
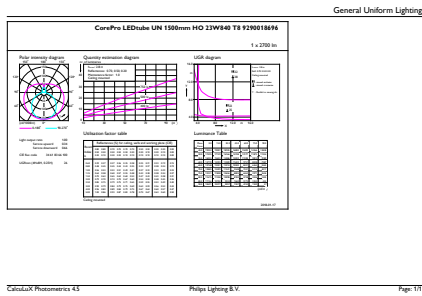
Dimensional drawing



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

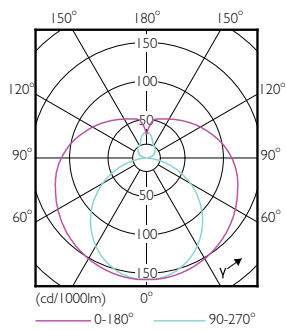
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Photometric data



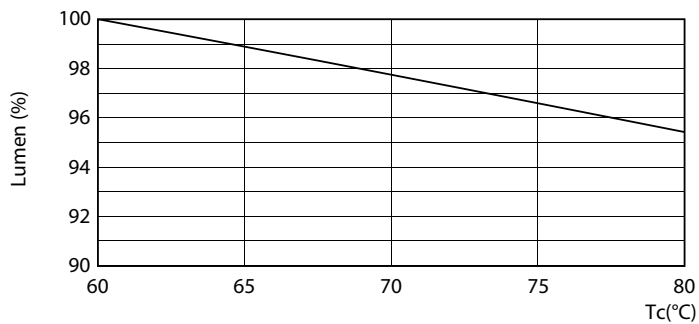
General uniform lighting - CorePro LEDtube UN 1500mm HO 23W840 T8

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

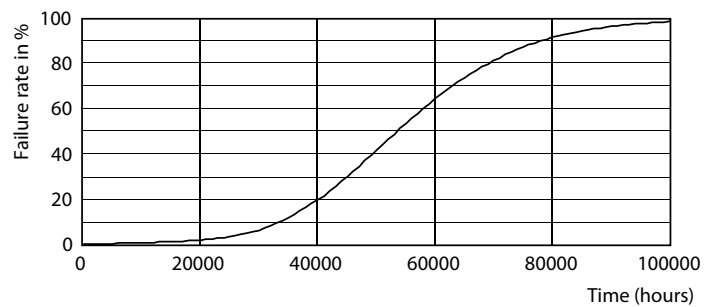


Light Distribution Diagram - CorePro LEDtube UN 1500mm HO 23W840 T8

Lifetime



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



Life Expectancy Diagram

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Lifetime



LifetimeVsTc

FailureRate



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

