



Essential LEDtube

CorePro LEDtube HO 1200mm 18W865T8 AP

Essential LEDtube is an affordable LED tube that is suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General Information		Warm-up time to 60% light	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		0.5 s
Nominal lifetime	30,000 hour(s)	Power Factor (Fraction)	0.9
Switching Cycle	200,000	Voltage (Nom)	220-240 V
Lighting Technology	LED	Temperature	
EU RoHS compliant	Yes	Ambient temperature range	-20 °C to 45 °C
Light Technical		T-Case Maximum (Nom)	65 °C
Color Code	865 [CCT of 6500K]	Controls and Dimming	
Beam Angle (Nom)	240 degree(s)	Dimmable	No
Luminous Flux	2,100 lm	Mechanical and Housing	
Color Designation	Cool Daylight	Product Length	1,200 mm
Correlated Color Temperature (Nom)	6500 K	Bulb Shape	T8
Luminous Efficacy (rated) (Nom)	116.00 lm/W	Approval and Application	
Color Consistency	<6	Energy Saving Product	Yes
Color rendering index (CRI)	80	Approval Marks	CE marking RoHS compliance KEMA Keur certificate
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Consumption kWh/1000 h	18 kWh
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Order product name	CorePro LEDtube HO 1200mm 18W865T8 AP
Input Frequency	50 to 60 Hz		
Power Consumption	18 W		
Starting Time (Nom)	0.5 s		

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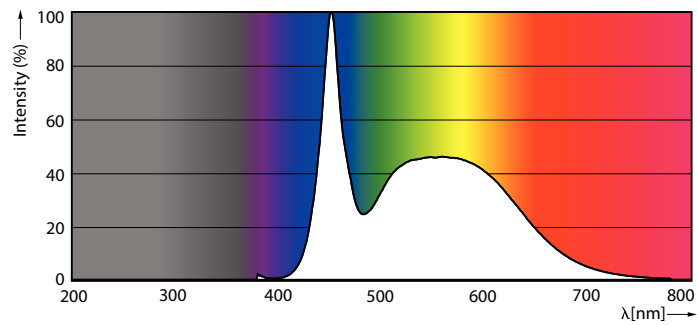
Full product name	CorePro LEDtube HO 1200mm 18W865T8 AP
Full product code	871869673404900
Order code	929001383508
Material Nr. (12NC)	929001383508
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8718696734049
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696734056

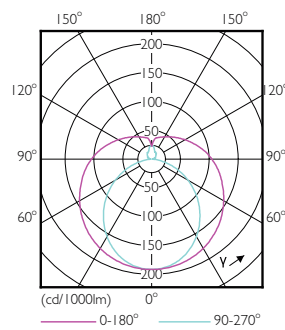
Dimensional drawing

Product	D1	D2	A1	A2	A3
CorePro LEDtube HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

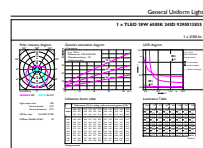
Photometric data



Spectral Power Distribution Colour - CorePro LEDtube HO 1200mm 18W865T8 AP



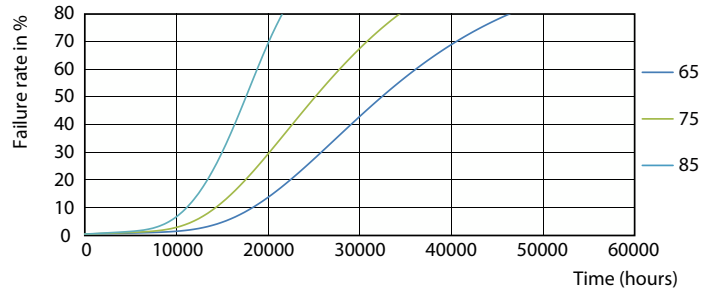
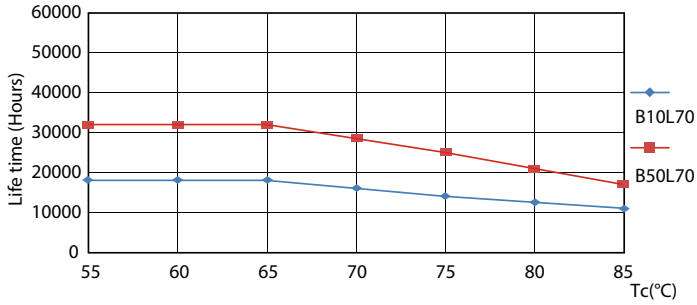
Light Distribution Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP



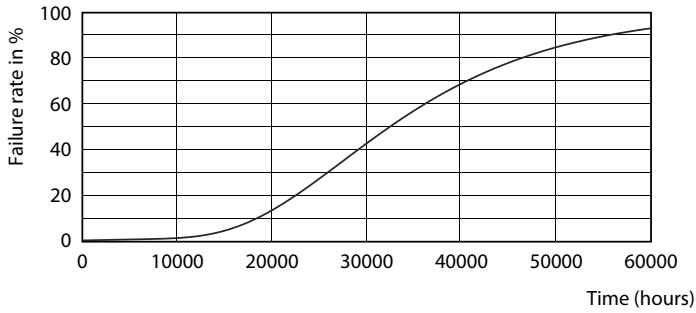
General uniform lighting - CorePro LEDtube HO 1200mm 18W865T8 AP

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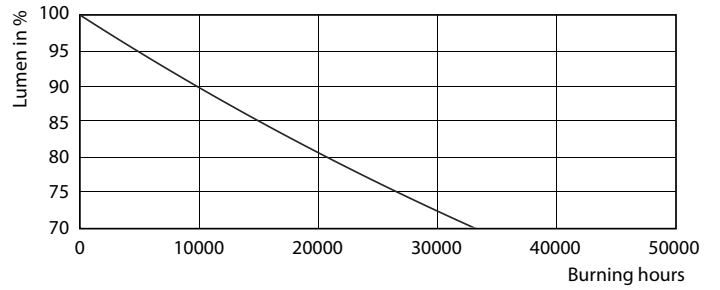
Lifetime



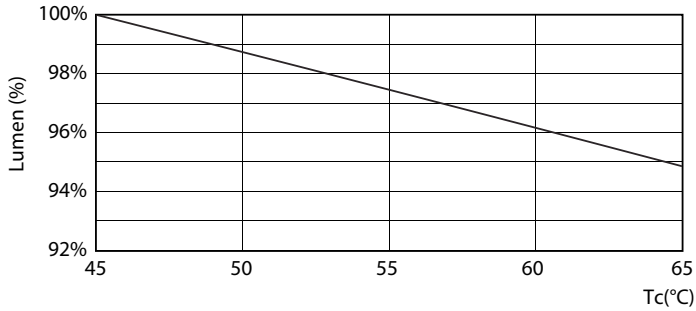
Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP



Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP



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Lumen Maintenance Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP

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