



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

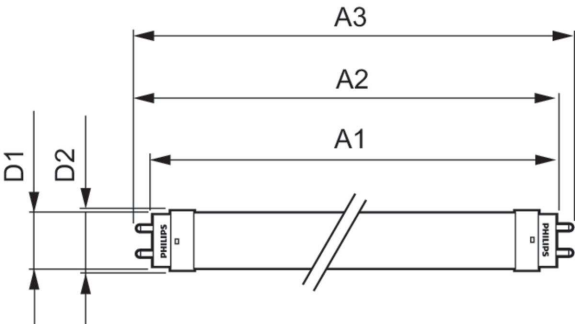
General Information		Warm-up time to 60% light		0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Factor (Fraction)		0.9
Nominal lifetime	30,000 hour(s)	Voltage (Nom)		220–240 V
Switching Cycle	200,000	Temperature		
Lighting Technology	LED	Ambient temperature range		–20 °C to 45 °C
EU RoHS compliant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

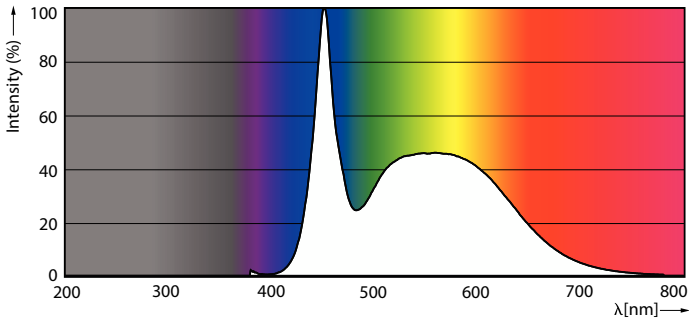
EAN/UPC - Product/Case	8718696734049
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696734056

Dimensional drawing

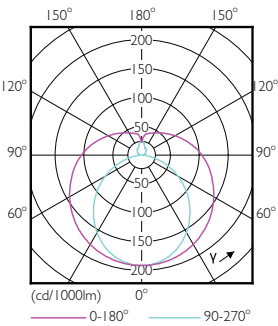


Product	D1	D2	A1	A2	A3
CorePro LEDtube HO 1200mm 18W865T8 AP	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

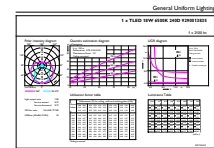
Photometric data



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

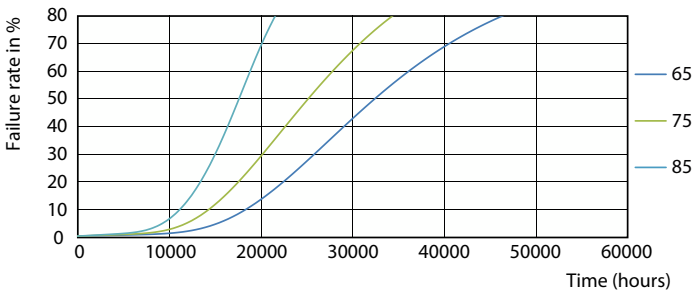
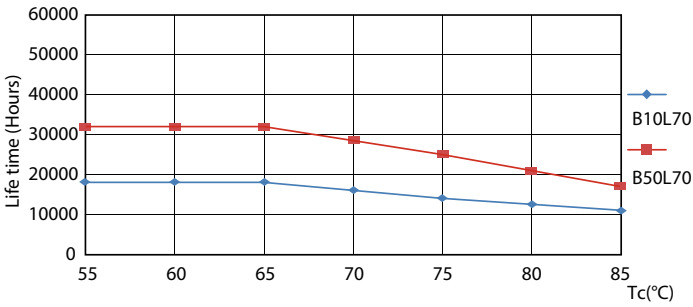


Light Distribution Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP

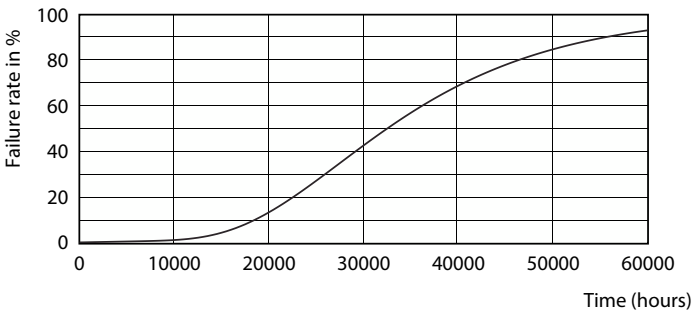


General uniform lighting - CorePro LEDtube HO 1200mm 18W865T8 AP

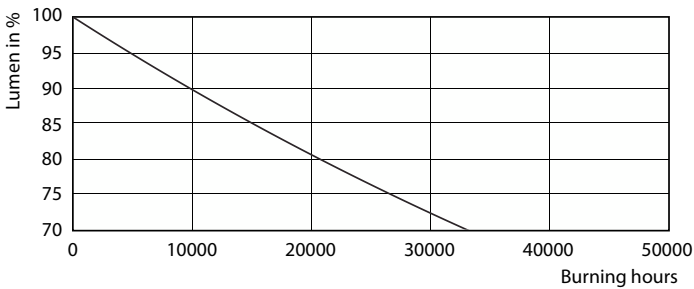
Lifetime



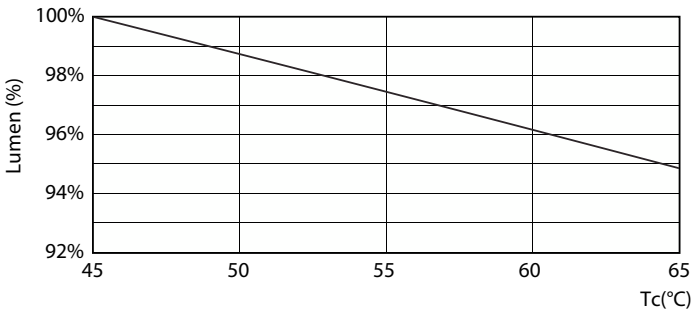
Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP



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



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



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

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