

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						
Cap-Base	G13 [Medium Bi-Pin Fluorescent]					
Nominal lifetime	30,000 hour(s)					
Switching Cycle	200,000					
Lighting Technology	LED					
EU RoHS compliant	Yes					
Light Technical						
Color Code	865 [CCT of 6500K]					
Beam Angle (Nom)	240 degree(s)					
Luminous Flux	2,100 lm					
Color Designation	Cool Daylight					
Correlated Color Temperature (Nom)	6500 K					
Luminous Efficacy (rated) (Nom)	116.00 lm/W					
Color Consistency	<6					
Color rendering index (CRI)	80					
LLMF At End Of Nominal Lifetime (Nom) 70 %						
Operating and Electrical						
Line Frequency	50 to 60 Hz					
Input Frequency	50 to 60 Hz					
Power Consumption	18 W					
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)	65 °C					
Controls and Dimming						
Dimmable	No					
Mechanical and Housing						
Product Length	1,200 mm					
Bulb Shape	T8					
Approval and Application						
Energy Saving Product	Yes					
Approval Marks	CE marking RoHS compliance KEMA Keur					
	certificate					
Energy Consumption kWh/1000 h	18 kWh					
Product Data						
Order product name	CorePro LEDtube HO 1200mm 18W865T8 AP					
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Datasheet, 2024, February 7 data subject to change

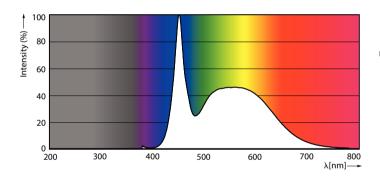
Full product name	CorePro LEDtube HO 1200mm 18W865T8 AP				
Full product code	871869673404900				
Order code	929001383508				
Material Nr. (12NC)	929001383508				
Numerator - Quantity Per Pack	1				

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

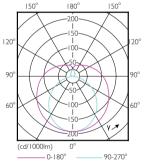
Dimensional drawing

Product	D1	D2	A1	A2	А3
CorePro LEDtube HO 1200mm	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm
18W865T8 AP					

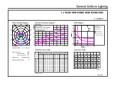
Photometric data



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



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



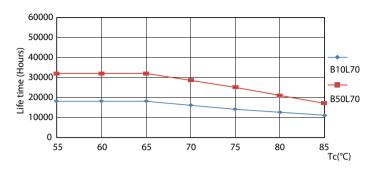
General uniform lighting - CorePro LEDtube HO 1200mm 18W865T8 AP

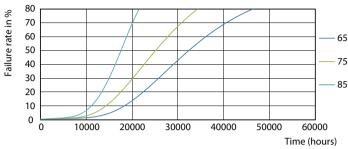
Lifetime

20

0

10000





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

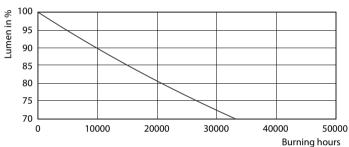


30000

50000 60000

Time (hours)

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

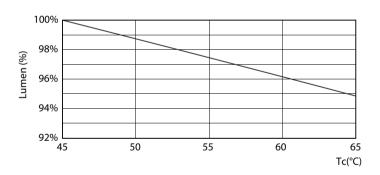


Life Expectancy Diagram - CorePro LEDtube HO 1200mm 18W865T8 AP

20000

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



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



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