



Essential LEDtube

LEDtube HO 1200mm 20W 740 T8 AP I G

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	15,000 hour(s)	Power Factor (Fraction)	0.5
Switching Cycle	50,000	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	740 [CCT of 4000K]	Controls and Dimming	
Beam Angle (Nom)	240 degree(s)	Dimmable	No
Luminous Flux	2,100 lm	Mechanical and Housing	
Color Designation	Cool White (CW)	Product Length	1,200 mm
Correlated Color Temperature (Nom)	4000 K	Bulb Shape	T8
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Approval and Application	
Color Consistency	<7	Energy Saving Product	Yes
Color rendering index (CRI)	70	Approval Marks	RoHS compliance KEMA Keur certificate
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Consumption kWh/1000 h	20 kWh
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Order product name	LEDtube HO 1200mm 20W 740 T8 AP I G
Input Frequency	50 to 60 Hz	Full product name	LEDtube HO 1200mm 20W 740 T8 AP I G
Power Consumption	20 W		
Starting Time (Nom)	0.5 s		

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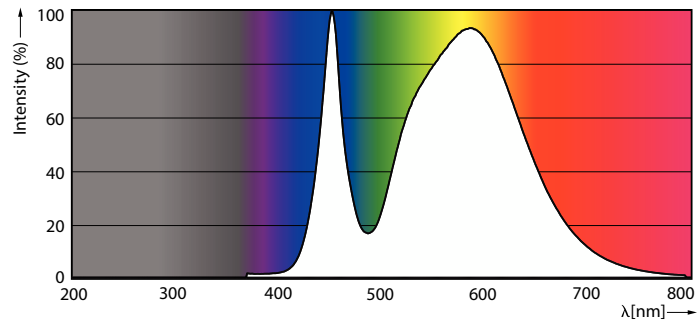
Full product code	871869667434500
Order code	929001277208
Material Nr. (12NC)	929001277208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696674345

Numerator - Packs per outer box	10
EAN/UPC - Case	8718696674352

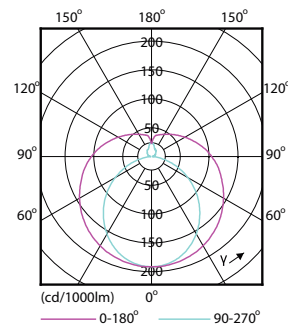
Dimensional drawing

Product	D1	D2	A1	A2	A3
LEDtube HO 1200mm 20W 740 T8 AP I G	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

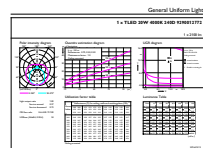
Photometric data



Spectral Power Distribution Colour - LEDtube HO 1200mm 20W 740 T8 AP I G



Light Distribution Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G

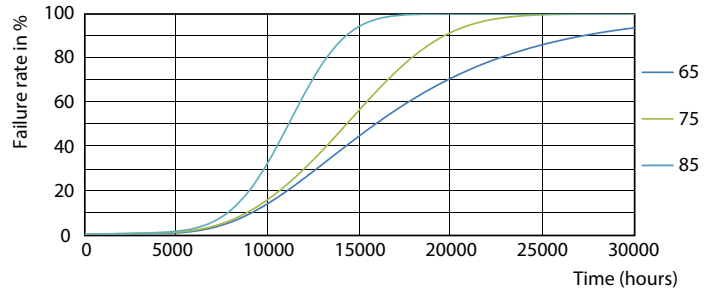
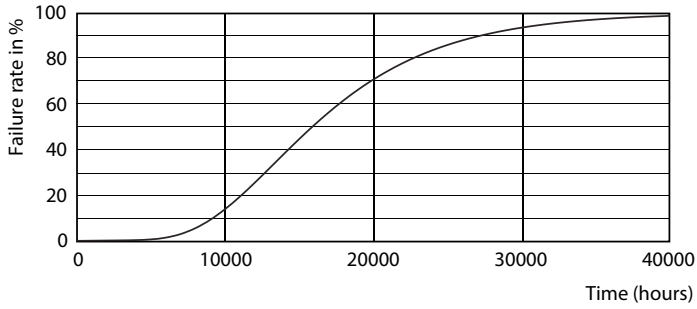


General Uniform Lighting

General uniform lighting - LEDtube HO 1200mm 20W 740 T8 AP I G

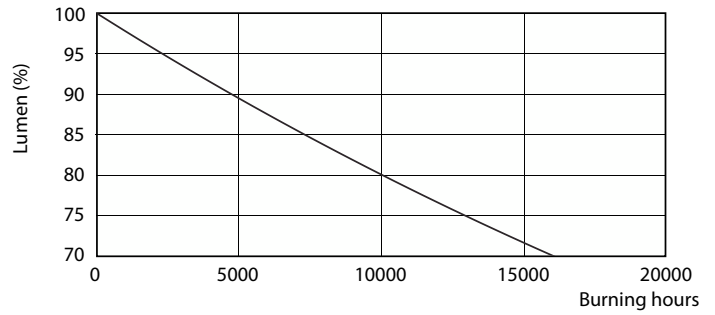
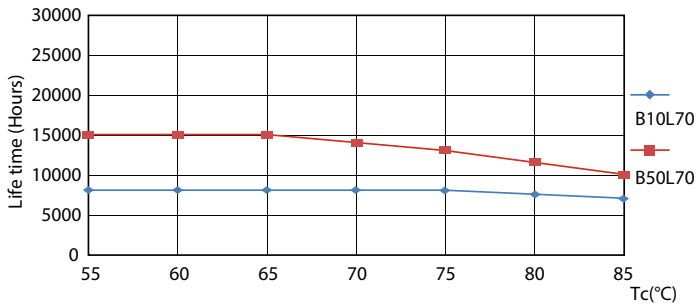
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Lifetime



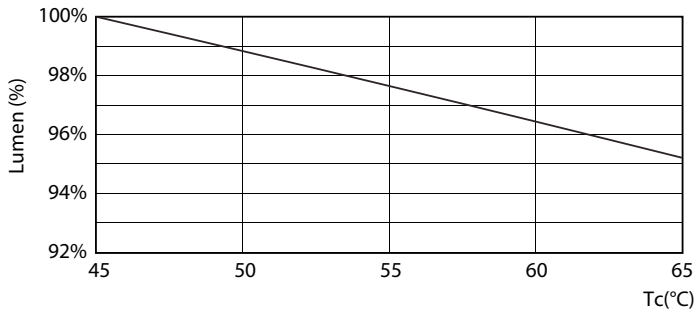
Life Expectancy Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G

Life Expectancy Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G



Life Expectancy Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G

Lumen Maintenance Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G



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