



# 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	<b>Temperature</b>	
EU RoHS compliant	Yes	Ambient temperature range	-20 °C to 45 °C
<b>Light Technical</b>		T-Case Maximum (Nom)	65 °C
Color Code	740 [CCT of 4000K]	<b>Controls and Dimming</b>	
Beam Angle (Nom)	240 degree(s)	Dimmable	No
Luminous Flux	2,100 lm	<b>Mechanical and Housing</b>	
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	<b>Approval and Application</b>	
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
<b>Operating and Electrical</b>		<b>Product Data</b>	
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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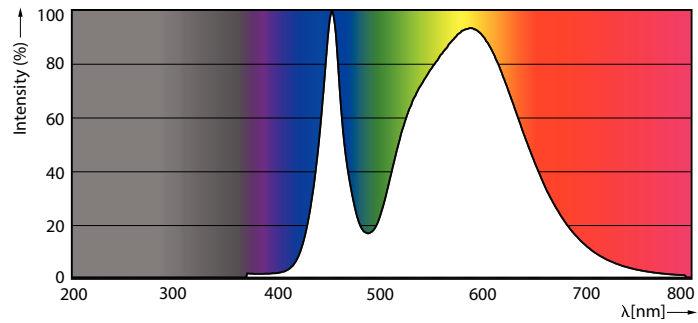
Full product code	871869667434500
Order code	929001277208
Material Nr. (12NC)	929001277208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696674345

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

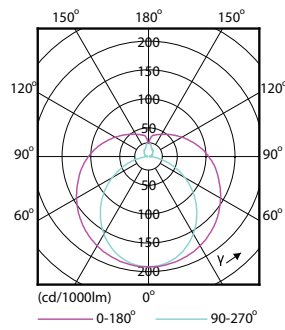
## Dimensional drawing

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

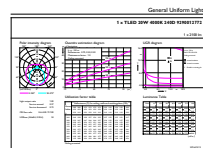
## Photometric data



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

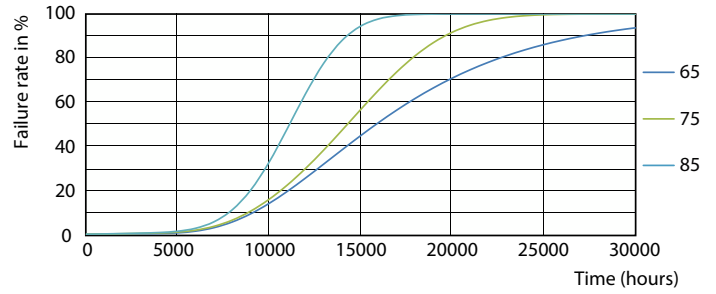
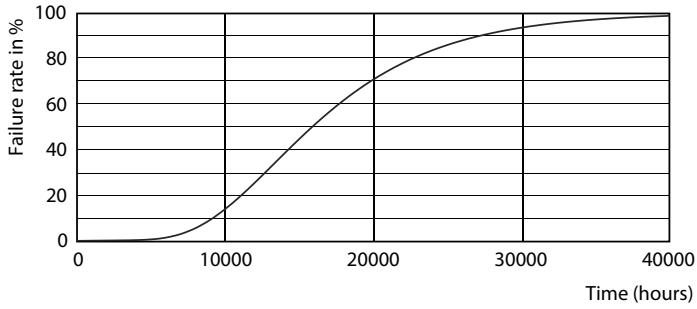


General Uniform Lighting

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

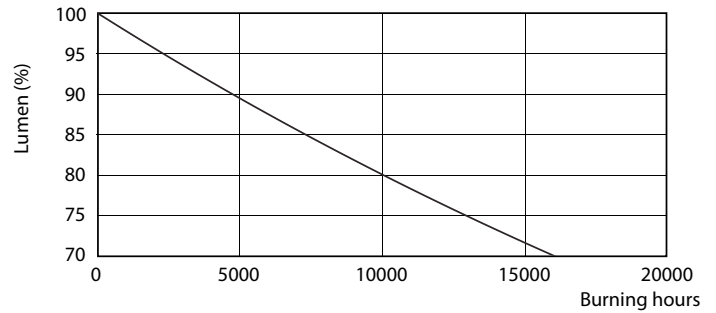
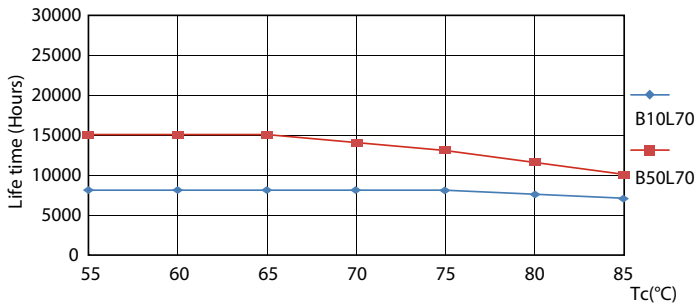
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## Lifetime



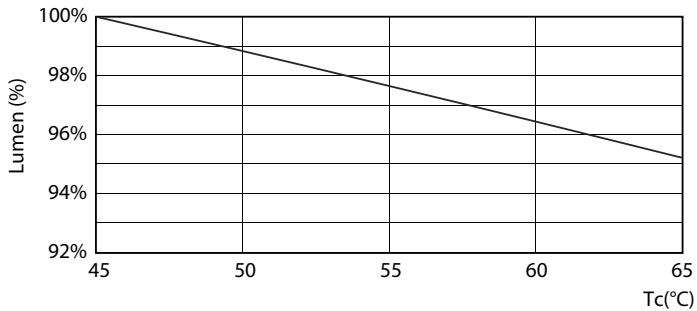
Life Expectancy Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G

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



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

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