



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		0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Factor (Fraction)		0.5
Nominal lifetime	15,000 hour(s)	Voltage (Nom)		220-240 V
Switching Cycle	50,000	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	740 [CCT of 4000K]	Dimmable		No
Beam Angle (Nom)	240 degree(s)	Mechanical and Housing		
Luminous Flux	2,100 lm	Product Length		1,200 mm
Color Designation	Cool White (CW)	Bulb Shape		T8
Correlated Color Temperature (Nom)	4000 K	Approval and Application		
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Energy Saving Product		Yes
Color Consistency	<7	Approval Marks		RoHS compliance KEMA Keur certificate
Color rendering index (CRI)	70	Energy Consumption kWh/1000 h		20 kWh
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data		
Operating and Electrical		Order product name		LEDtube HO 1200mm 20W 740 T8 AP I G
Line Frequency	50 to 60 Hz	Full product name		LEDtube HO 1200mm 20W 740 T8 AP I G
Input Frequency	50 to 60 Hz			
Power Consumption	20 W			
Starting Time (Nom)	0.5 s			

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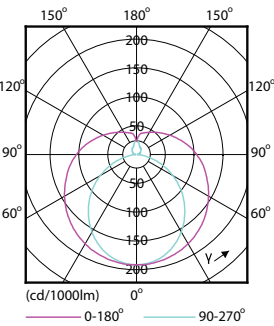
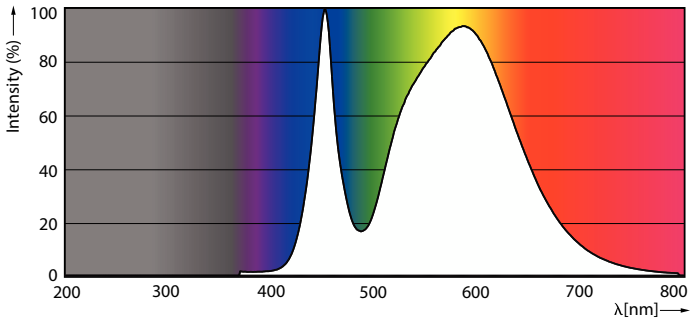
Full product code	871869667434500
Order code	929001277208
Material Nr. (12NC)	929001277208
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696674345

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

Dimensional drawing

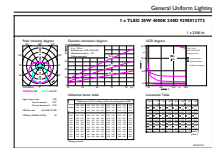
Product	D1	D2	A1	A2	A3
LEDtube HO 1200mm 20W 740 T8 AP I G	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



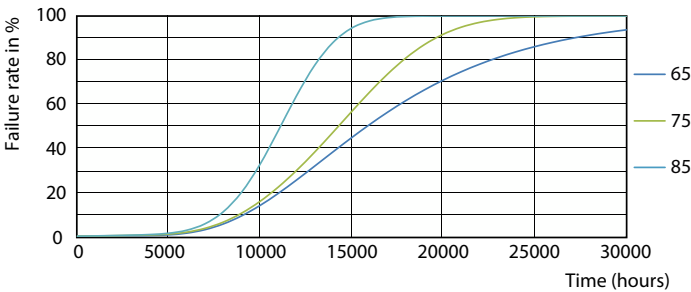
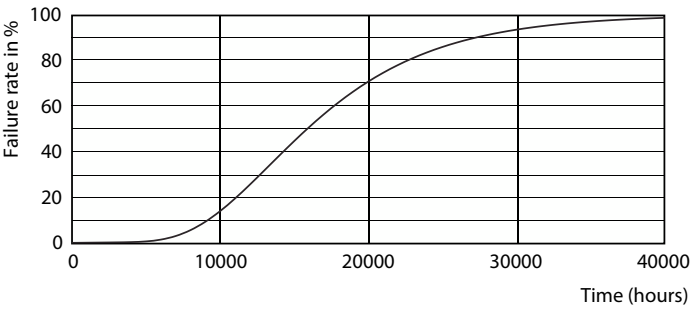
Spectral Power Distribution Colour - LEDtube HO 1200mm 20W 740 T8 AP I G

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

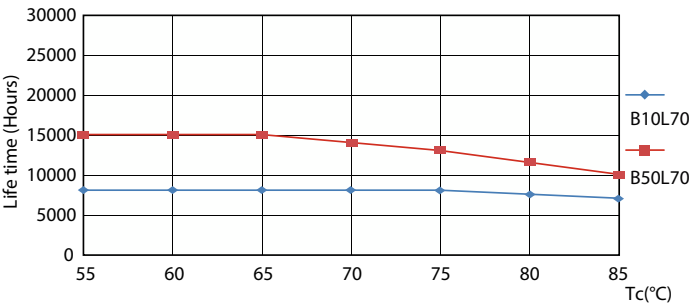


General uniform lighting - LEDtube HO 1200mm 20W 740 T8 AP I G

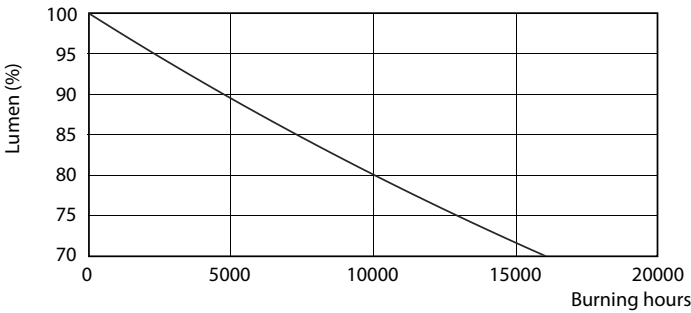
Lifetime



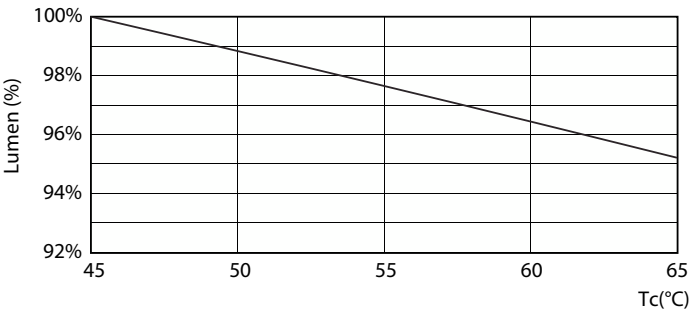
Life Expectancy Diagram - LEDtube HO 1200mm 20W 740 T8 AP I G



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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