

Essential LEDtube

LEDtube 1200mm 16W 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		Temperature	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm-up time to 60% light	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)	60 °C
Color Code	740 [CCT of 4000K]	Controls and Dimming	
Beam Angle (Nom)	240 degree(s)	Dimmable	No
Luminous Flux	1,600 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)	100.00 lm/W	Approval and Application	
Color Consistency	<7	Energy Saving Product	Yes
Color rendering index (CRI)	73	Suitable For Accent Lighting	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval Marks	RoHS compliance KEMA Keur certificate
Operating and Electrical		Energy Consumption kWh/1000 h	16 kWh
Line Frequency	50 to 60 Hz	Product Data	
Input Frequency	50 to 60 Hz	Order product name	LEDtube 1200mm 16W 740 T8 AP I G
Power Consumption	16 W		
Starting Time (Nom)	0.5 s		

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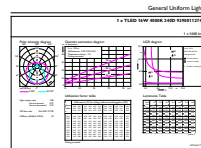
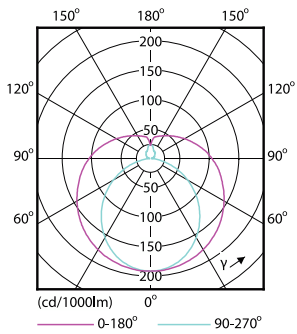
Full product name	LEDtube 1200mm 16W 740 T8 AP I G
Full product code	871869659996900
Order code	929001184538
Material Nr. (12NC)	929001184538
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8718696599969
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696599976

Dimensional drawing

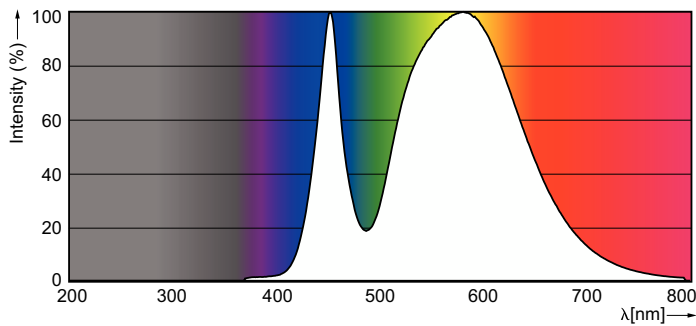
Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1,198	1,205	1,212	1,212	27.8
16W 740 T8 AP I G	mm		mm	mm	mm	mm	mm

Photometric data



Light Distribution Diagram - LEDtube 1200mm 16W 740 T8 AP I G

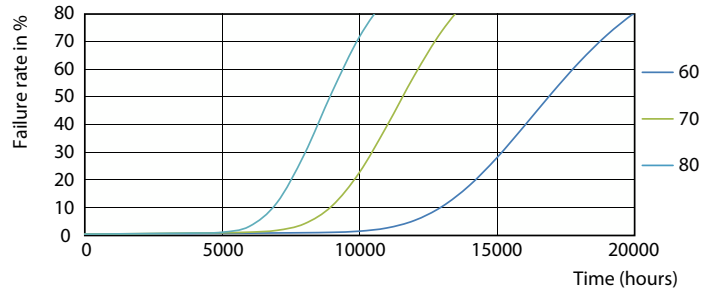
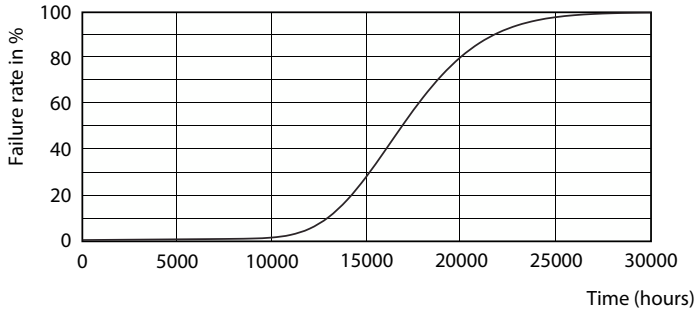
General uniform lighting - LEDtube 1200mm 16W 740 T8 AP I G



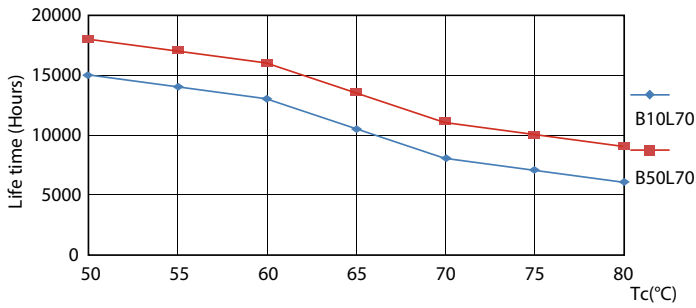
Spectral Power Distribution Colour - LEDtube 1200mm 16W 740 T8 AP I G

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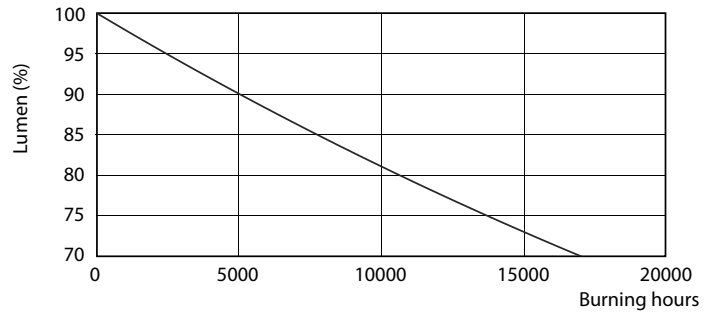
Lifetime



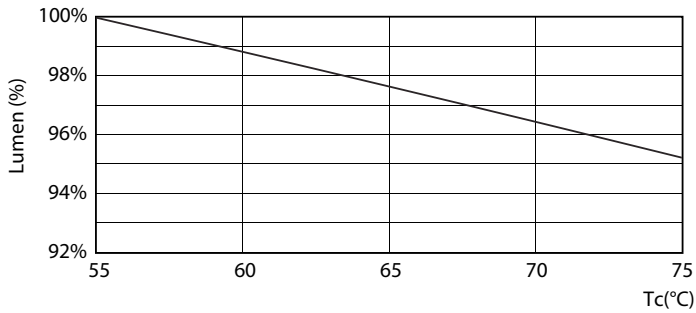
Life Expectancy Diagram - LEDtube 1200mm 16W 740 T8 AP I G



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Lumen Maintenance Diagram - LEDtube 1200mm 16W 740 T8 AP I G

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