



Essential LEDtube

LEDtube 1200mm 16W 765 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		Power Factor (Fraction)		0.5
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Voltage (Nom)	220-240 V	
Nominal lifetime	15,000 hour(s)	Ballast Compatibility	EM	
Switching Cycle	50,000	Temperature		
Lighting Technology	LED	Ambient temperature range	-20 °C to 45 °C	
Light Technical		T-Case Maximum (Nom)	60 °C	
Color Code	765 [CCT of 6500K]	Controls and Dimming		
Beam Angle (Nom)	240 degree(s)	Dimmable	No	
Luminous Flux	1,600 lm	Mechanical and Housing		
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Bulb Finish	Frosted	
Color Designation	Cool Daylight	Bulb Material	Glass	
Correlated Color Temperature (Nom)	6500 K	Product Length	1,200 mm	
Color Consistency	<7	Bulb Shape	T8	
Color rendering index (CRI)	70	Approval and Application		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes	
Operating and Electrical		Suitable For Accent Lighting	No	
Line Frequency	50 to 60 Hz	Approval Marks	RoHS compliance KEMA Keur certificate	
Input Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	16 kWh	
Power Consumption	16 W	EU RoHS compliant	Yes	
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			

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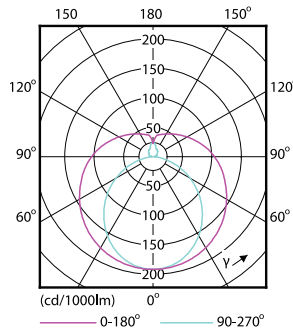
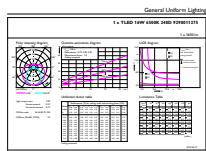
EyeComfort	Yes
LED Innovations	EyeComfort
Product Data	
Order product name	LEDtube 1200mm 16W 765 T8 AP I G
Full product name	LEDtube 1200mm 16W 765 T8 AP I G
Full product code	871869659998300
Order code	929001184638

Material Nr. (12NC)	929001184638
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.170 kg
EAN/UPC - Product/Case	8718696599983
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696599990

Dimensional drawing

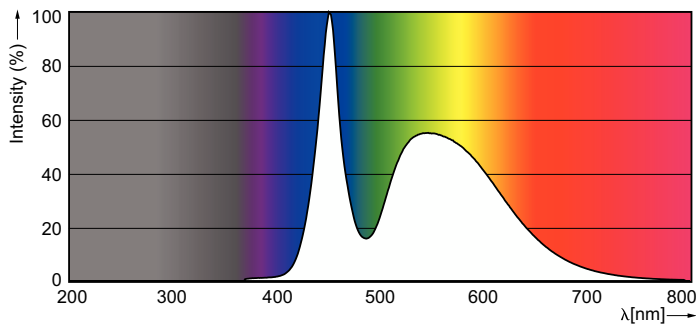
Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1,198	1,205	1,212	1,212	27.8
16W 765 T8 AP I G	mm		mm	mm	mm	mm	mm

Photometric data



General uniform lighting - LEDtube 1200mm 16W 765 T8 AP I G

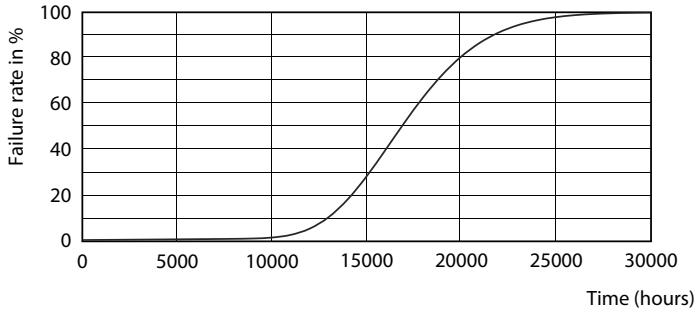
Light Distribution Diagram - LEDtube 1200mm 16W 765 T8 AP I G



Spectral Power Distribution Colour - LEDtube 1200mm 16W 765 T8 AP I G

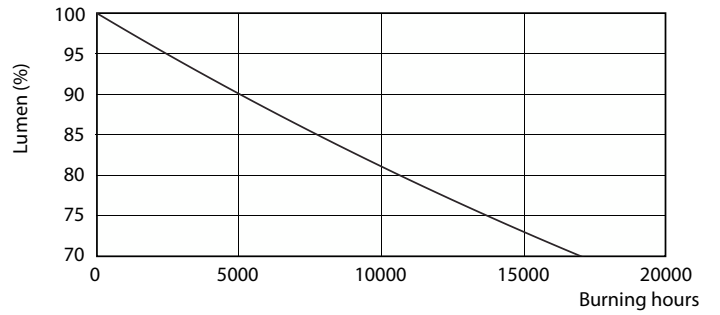
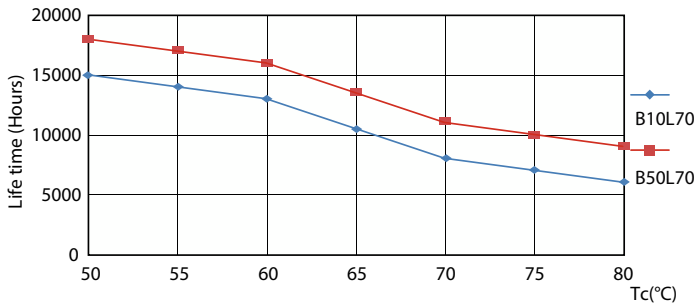
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Lifetime



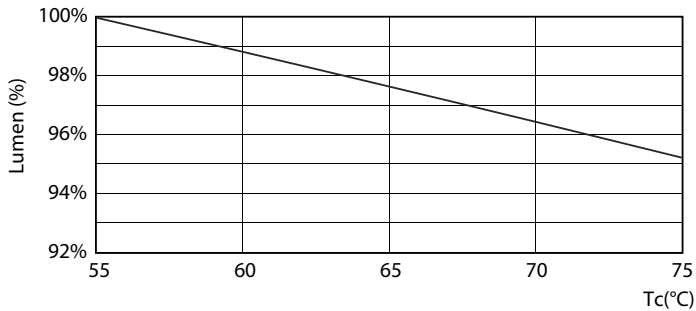
LEDtube 16W G13 740 T8 AP I G

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Lumen Maintenance Diagram - LEDtube 1200mm 16W 765 T8 AP I G



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