



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

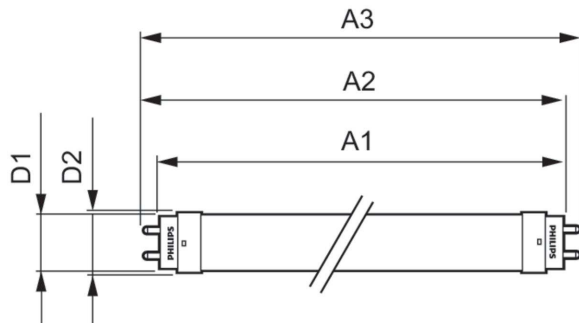
General Information		Power Factor (Fraction)		0.5
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Voltage (Nom)	220-240 V	
Nominal lifetime	15,000 hour(s)	Ballast Compatibility	EM	
Switching Cycle	50,000	Temperature		
Lighting Technology	LED	T-Case Maximum (Nom)	60 °C	
Light Technical		Controls and Dimming		
Color Code	740 [CCT of 4000K]	Dimmable	No	
Beam Angle (Nom)	240 degree(s)	Mechanical and Housing		
Luminous Flux	1,600 lm	Bulb Finish	Frosted	
Color Designation	Cool White (CW)	Bulb Material	Glass	
Correlated Color Temperature (Nom)	4000 K	Product Length	1,200 mm	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Bulb Shape	T8	
Color Consistency	<7	Net Weight (Piece)	0.170 kg	
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
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	LEDtube 1200mm 16W 740 T8 AP I G
Full product name	LEDtube 1200mm 16W 740 T8 AP I G
Full product code	871869659996900

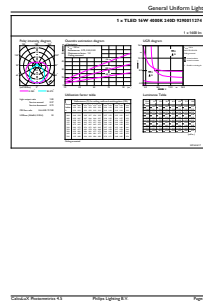
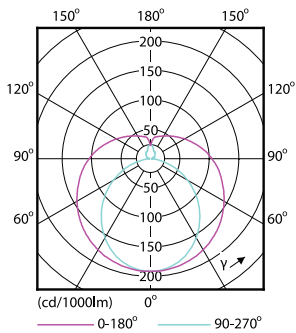
Order code	929001184538
Material Nr. (12NC)	929001184538
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696599969
Numerator - Packs per outer box	20
EAN/UPC - Case	8718696599976

Dimensional drawing



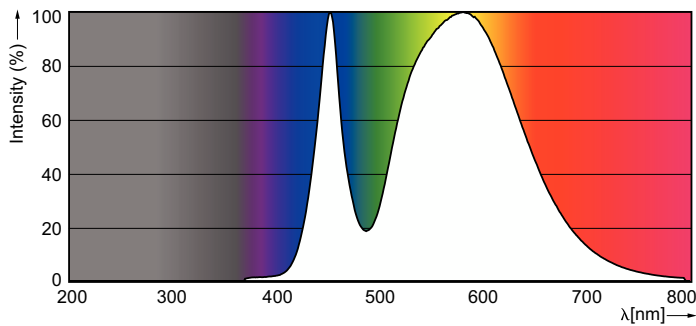
Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1,198	1,205	1,212	1,212	27.8
16W 740 T8 AP I G	mm		mm	mm	mm	mm	mm

Photometric data



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

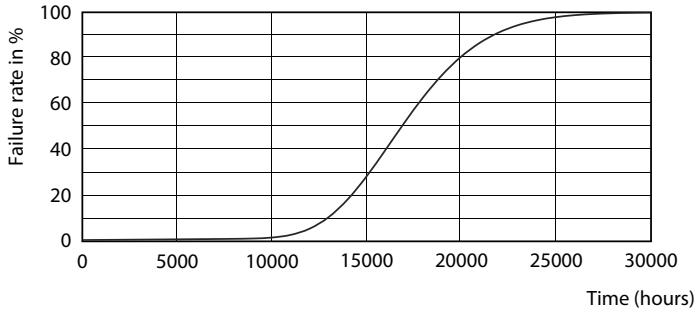
General uniform lighting - LEDtube 1200mm 16W 740 T8 AP I G



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

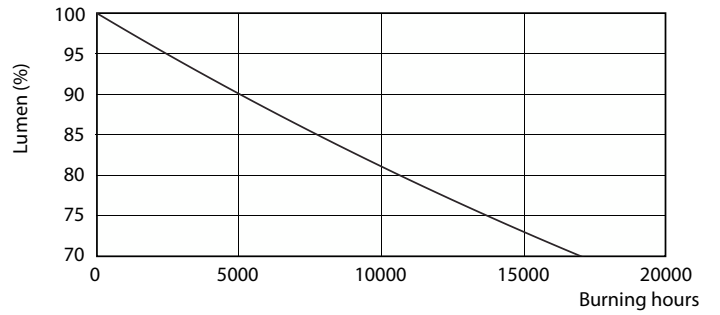
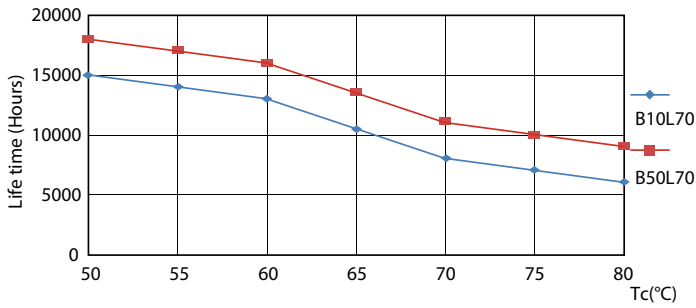
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Lifetime



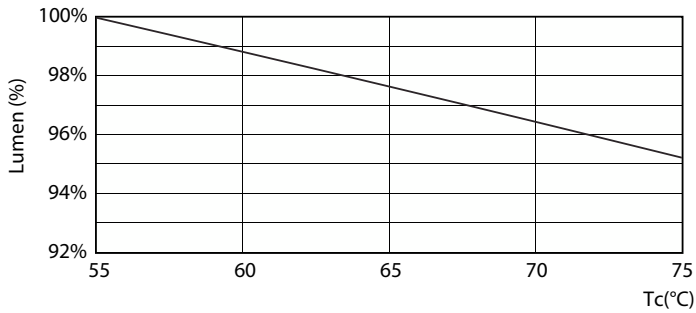
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Lumen Maintenance Diagram - LEDtube 1200mm 16W 740 T8 AP I G



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