



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		Voltage (Nom)	
Cap base	G13 [Medium Bi-Pin Fluorescent]	220–240 V	
EU RoHS compliant	Yes	Temperature	
Nominal lifetime (nom.)	15000 h	T-ambient (max.)	45 °C
Switching cycle	50,000X	T-ambient (min.)	-20 °C
Light Technical		T storage (max.)	65 °C
Colour Code	765 [CCT of 6,500 K]	T storage (min.)	-40 °C
Beam Angle (Nom)	240 °	T-Case maximum (nom.)	60 °C
Luminous flux (nom.)	1600 lm	Controls and Dimming	
Colour designation	Cool Daylight	Dimmable	No
Correlated Colour Temperature (Nom)	6500 K	Mechanical and Housing	
Luminous efficacy (rated) (nom.)	100.00 lm/W	Product length	1200 mm
Colour consistency	<7	Approval and Application	
Colour rendering index (nom.)	73	Energy efficiency label (EEL)	A+
LLMF at end of nominal lifetime (nom.)	70 %	Energy-saving product	Yes
Operating and Electrical		Suitable for accent lighting	No
Input frequency	50 to 60 Hz	Approval marks	RoHS compliance KEMA Keur certificate
Power (Rated) (Nom)	16 W	Energy consumption kWh/1,000 hours	16 kWh
Starting time (nom.)	0.5 s		
Warm-up time to 60% light (nom.)	0.5 s		
Power factor (nom.)	0.5		

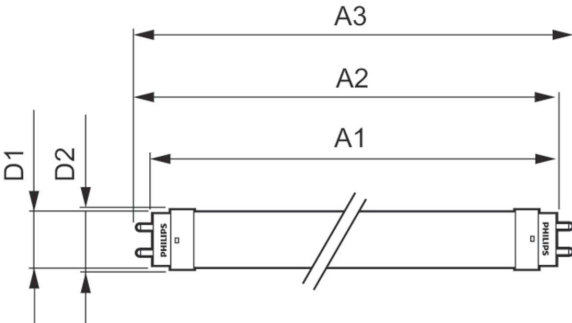
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Product Data

Full product code	871869659998300
Order product name	LEDtube 1200mm 16W 765 T8 AP I G
EAN/UPC – product	8718696599983
Order code	59998300
SAP numerator – quantity per pack	1

Numerator – packs per outer box	20
Material no. (12 NC)	929001184638
SAP net weight (piece)	0.172 kg

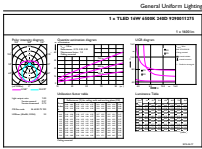
Dimensional drawing



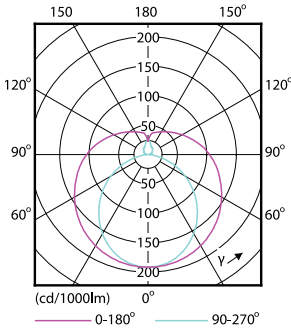
TLED 1200mm 4ft T8 16W-36W 6500K G13 ND

Product	D1	D2	A1	A2	A3	C	D
LEDtube 1200mm	25.68	28 mm	1198	1205	1212	1212	27.8
16W 765 T8 AP I G	mm		mm	mm	mm	mm	mm

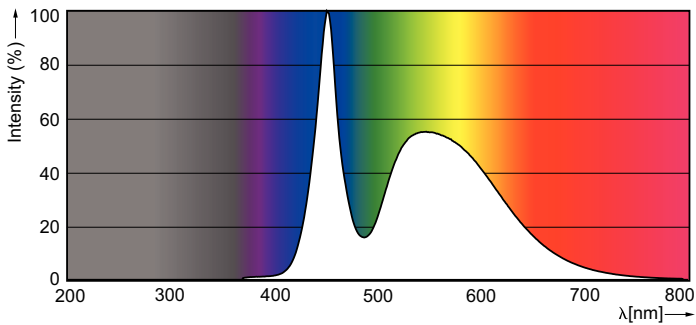
Photometric data



General Uniform Lighting
1 - T8 LED TUBE 16W 765 T8 CN I G



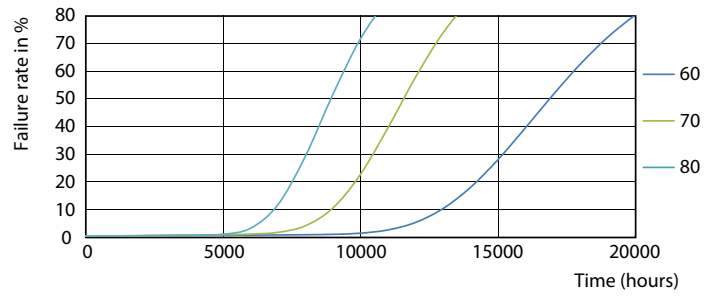
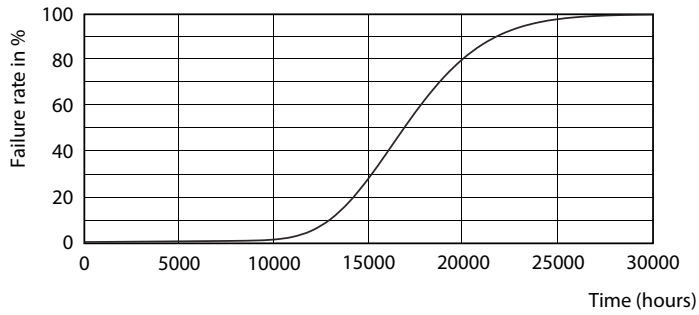
LEDtube 1200mm 16W 740 T8 CN I G



LEDtube 1200mm 16W G13 T8 765 1600lm AP C G

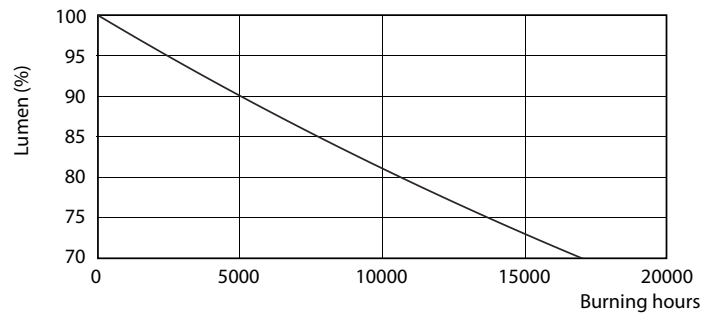
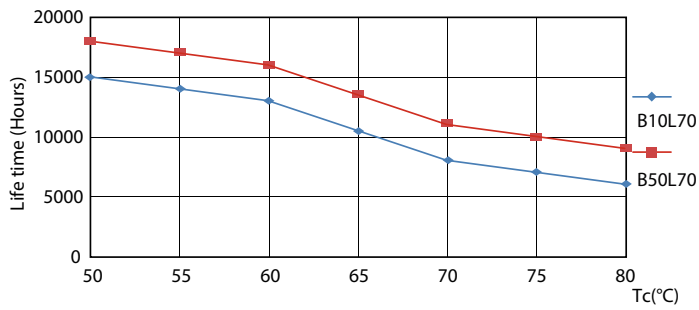
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Lifetime



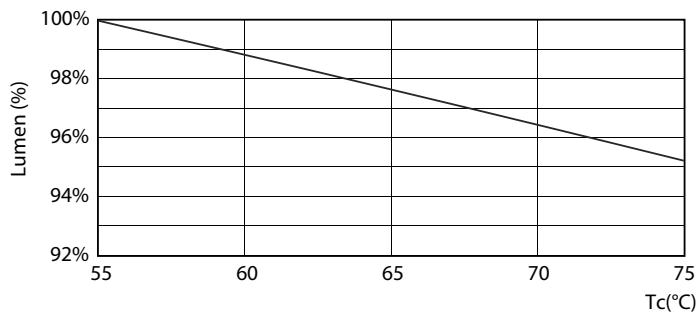
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