



# 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	
Cap base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	15000 h
Switching cycle	50,000X
Light Technical	
Colour Code	765 [ CCT of 6,500 K]
Beam Angle (Nom)	240 °
Luminous flux (nom.)	1600 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	100.00 lm/W
Colour consistency	<7
Colour rendering index (nom.)	73
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	16 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5

Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T storage (max.)	65 °C
T storage (min.)	-40 °C
T-Case maximum (nom.)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product length	1200 mm
Bulb shape	Tube, double-ended
Approval and Application	
Energy-saving product	Yes
Suitable for accent lighting	No
Approval marks	RoHS compliance KEMA Keur certificate
Energy consumption kWh/1,000 hours	16 kWh

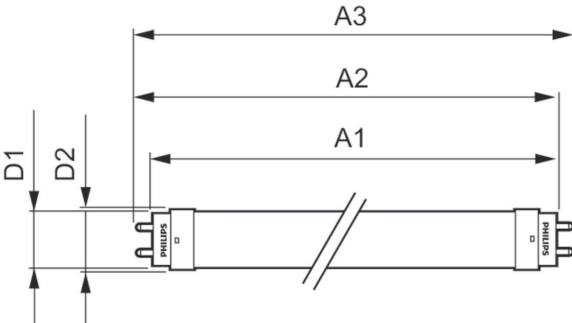
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## Product Data

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
SAP material	929001184638
SAP net weight (piece)	0.172 kg

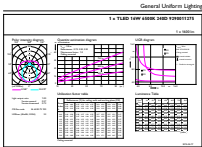
## Dimensional drawing



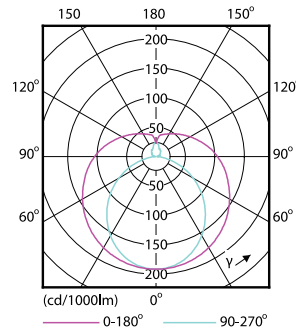
TLED 1200mm 4ft T8 16W-36W 6500K G13 ND

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

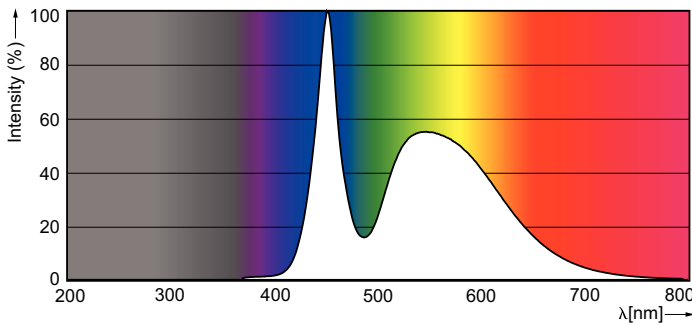
## Photometric data



General Uniform Lighting 1 - T800 T800 16W 765 T8 AP I G



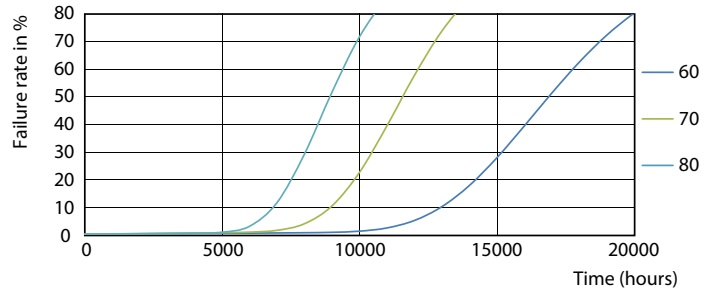
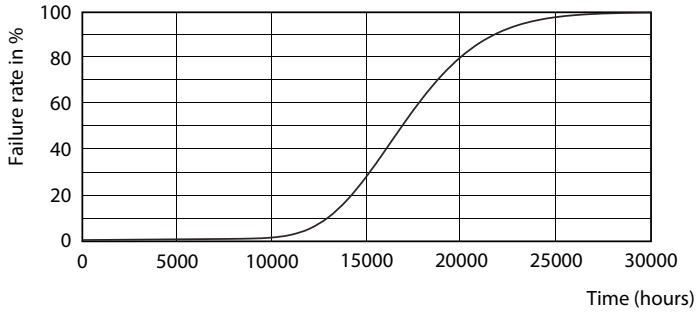
LEDtube 1200mm 16W 740 T8 CN I G



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

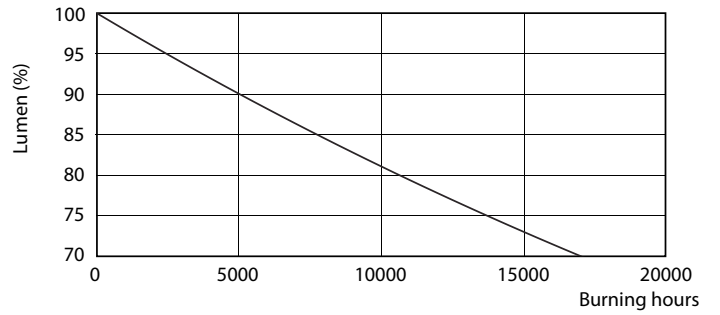
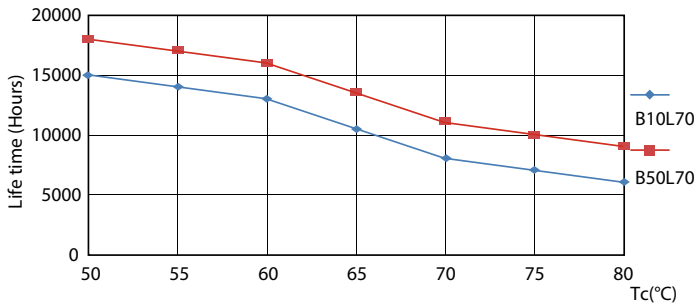
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## Lifetime



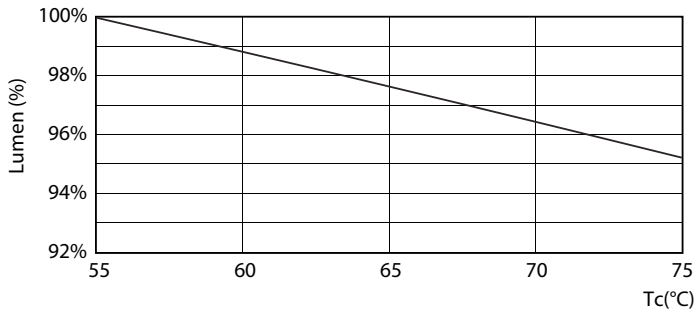
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