



Essential LEDtube

ESSENTIAL LEDtube 1500mm 25W 840 I

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		Warm-up time to 60% light (nom.)		0.5 s
Cap base	G13 [Medium Bi-Pin Fluorescent]	Power factor (nom.)	0.9	
EU RoHS compliant	Yes	Voltage (Nom)	220–240 V	
Nominal lifetime (nom.)	30000 h	Temperature		
Switching cycle	50,000X	T-ambient (max.)	45 °C	
Light Technical		T-ambient (min.)	-20 °C	
Colour Code	841 [CCT of 4100K (841)]	T storage (max.)	65 °C	
Beam Angle (Nom)	240 °	T storage (min.)	-40 °C	
Luminous flux (nom.)	3000 lm	T-Case maximum (nom.)	85 °C	
Colour designation	Cool White (CW)	Controls and Dimming		
Correlated Colour Temperature (Nom)	4000 K	Dimmable	No	
Luminous efficacy (rated) (nom.)	120.00 lm/W	Mechanical and Housing		
Colour consistency	<6	Product length	1500 mm	
Color rendering index (nom.)	80	Approval and Application		
LLMF at end of nominal lifetime (nom.)	70 %	Energy efficiency label (EEL)	A+	
Operating and Electrical		Energy-saving product	Yes	
Input frequency	50 to 60 Hz	Approval marks	CE marking RoHS compliance KEMA Keur certificate	
Power (Rated) (Nom)	25 W			
Lamp current (max.)	118 mA			
Lamp current (min.)	108 mA			
Starting time (nom.)	0.5 s			

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Energy consumption kWh/1,000 hours 25 kWh

Product Data

Full product code	871869668205000
Order product name	ESSENTIAL LEDtube 1500mm 25W 840 I
EAN/UPC – product	8718696772058
Order code	68205000

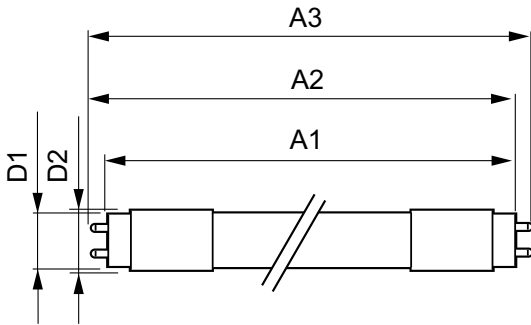
SAP numerator – quantity per pack 1

SAP numerator – packs per outer box 10

Material no. (12 NC) 929001289508

SAP net weight (piece) 0.310 kg

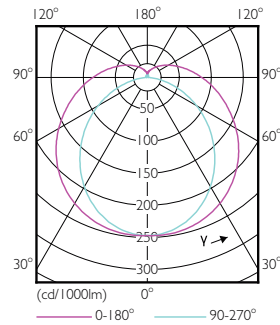
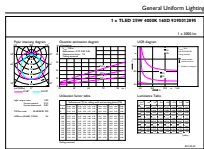
Dimensional drawing



TLED 220-240V 25W-58W 4000K G13 ND

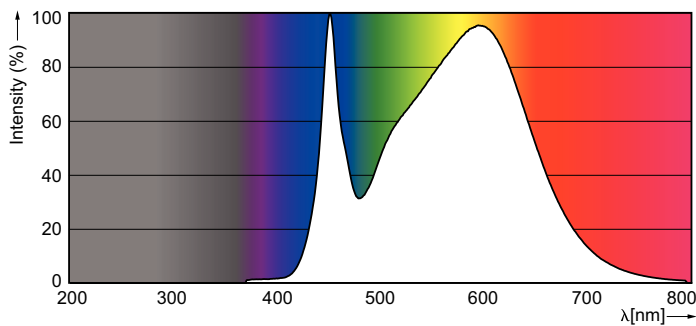
Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1500mm 25W 840 I	25.7 mm	28 mm	1500 mm	1507.1 mm	1514.2 mm

Photometric data



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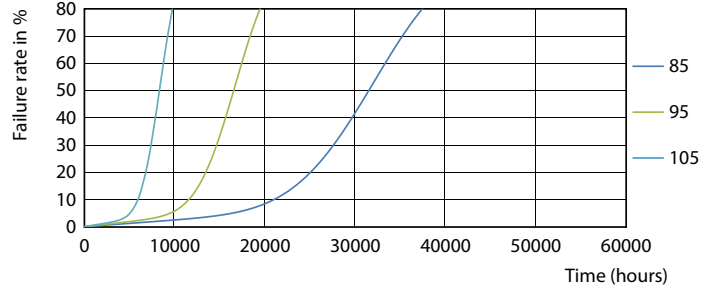
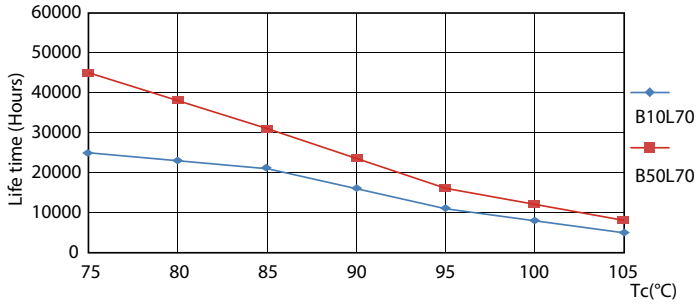
ESSENTIAL LEDtube 25W G13 830 I



SDPO_MLEDGA_0016-Spectral Power distribution

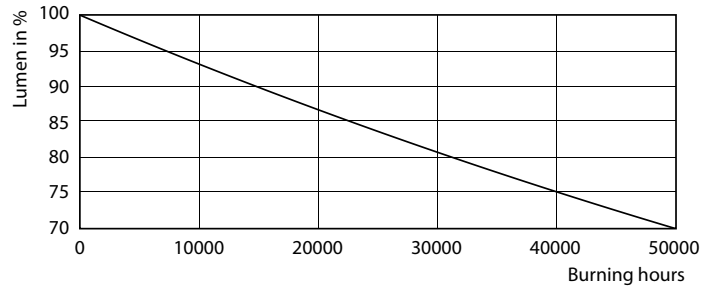
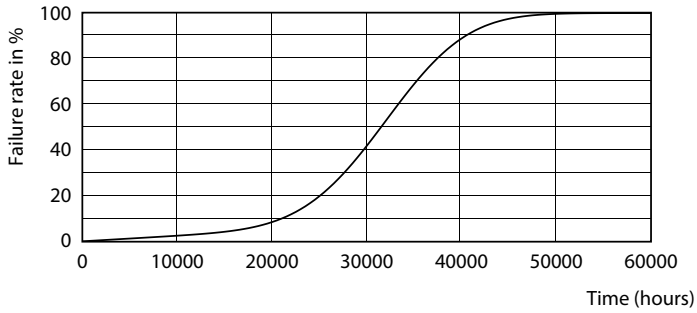
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Lifetime



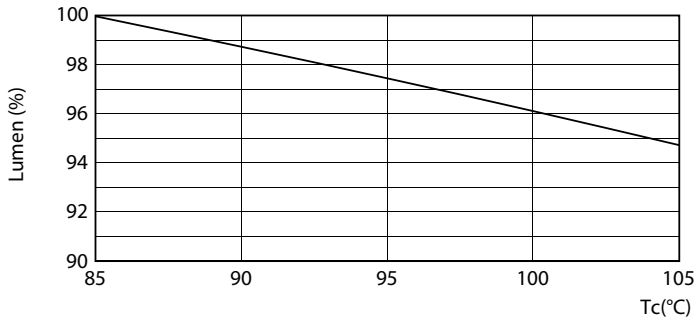
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