



Essential LEDtube

ESSENTIAL LEDtube 1500mm 25W 830 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		Lamp Current (Min)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	108 mA
Nominal lifetime	30,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
EU RoHS compliant	Yes	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-20 °C to 45 °C
Beam Angle (Nom)	240 degree(s)	T-Case Maximum (Nom)	85 °C
Luminous Flux	2,800 lm	Controls and Dimming	
Color Designation	White (WH)	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Product Length	1,500 mm
Color Consistency	<6	Bulb Shape	T8
Color rendering index (CRI)	80	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Line Frequency	50 to 60 Hz	Energy Consumption kWh/1000 h	25 kWh
Input Frequency	50 to 60 Hz		
Power Consumption	25 W		
Lamp Current (Max)	118 mA		

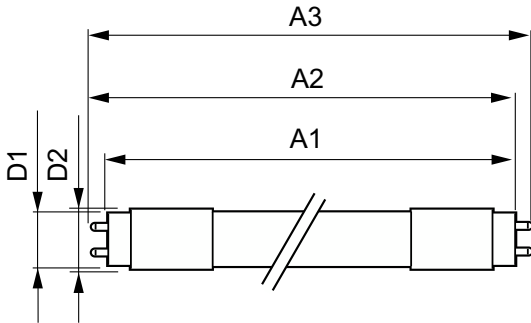
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Product Data

Order product name	ESSENTIAL LEDtube 1500mm 25W 830 I
Full product name	ESSENTIAL LEDtube 1500mm 25W 830 I
Full product code	871869668206700
Order code	929001289608
Material Nr. (12NC)	929001289608

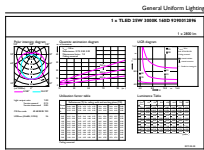
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696734865
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696682067

Dimensional drawing

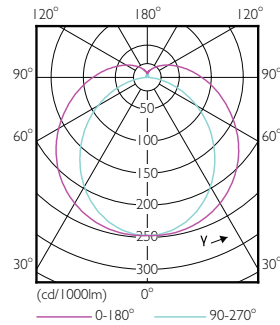


Product	D1	D2	A1	A2	A3
ESSENTIAL LEDtube 1500mm 25W 830 I	25.7 mm	28 mm	1,500 mm	1,507.1 mm	1,514.2 mm

Photometric data



General Uniform Lighting - ESSENTIAL LEDtube 1500mm 25W 830 I



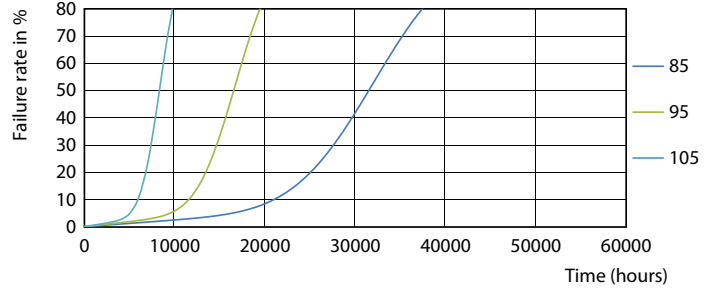
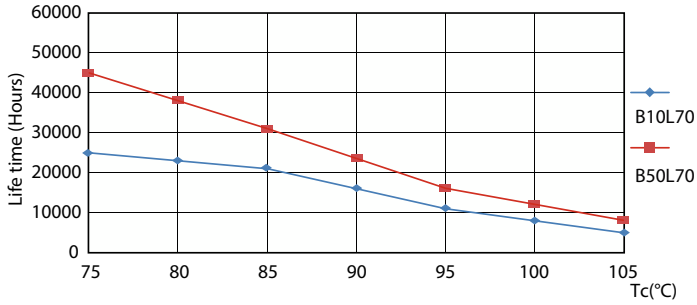
Light Distribution Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I



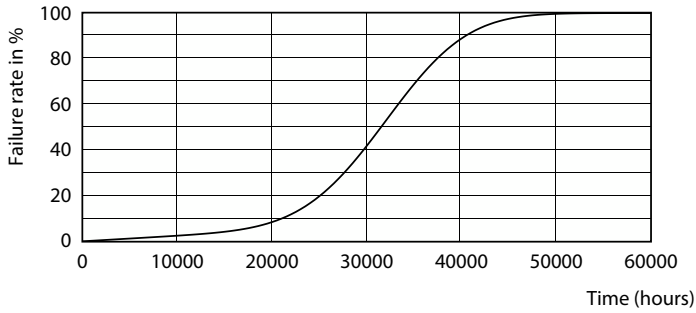
Spectral Power Distribution Colour - ESSENTIAL LEDtube 1500mm 25W 830 I

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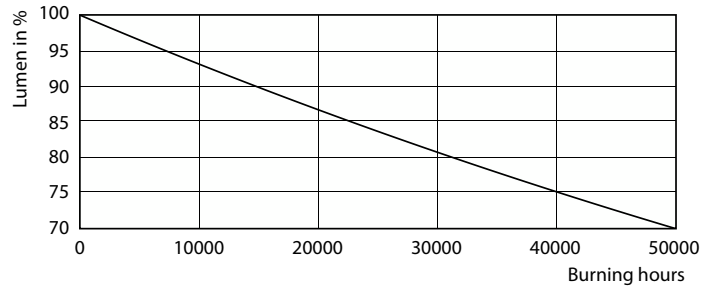
Lifetime



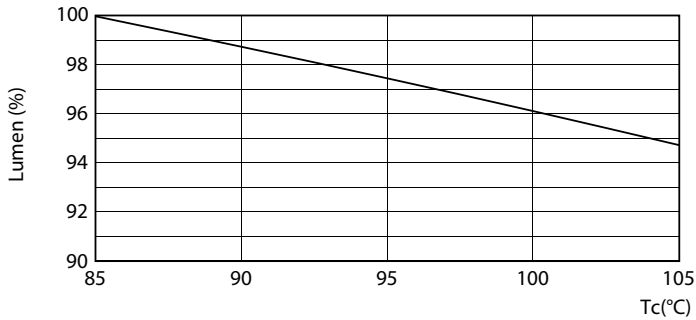
Life Expectancy Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I



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Life Expectancy Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I



Lumen Maintenance Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I

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