



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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,800 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	25 W
Lamp Current (Max)	118 mA

Lamp Current (Min)	108 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1,500 mm
Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	25 kWh

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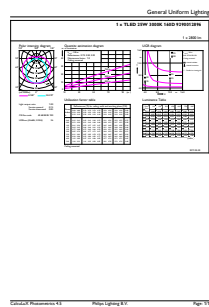
Product Data	
Order product name	ESSENTIAL LEDtube 1500mm 25W 830 I
Full product name	ESSENTIAL LEDtube 1500mm 25W 830 I
Full product code	871869668206700
Order code	929001289608
Material Nr. (12NC)	929001289608

Dimensional drawing

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

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

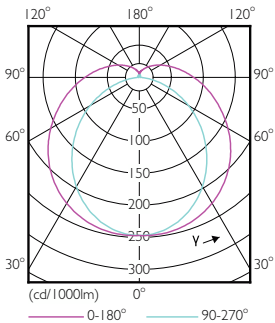
Photometric data



General uniform lighting - ESSENTIAL LEDtube 1500mm 25W 830 I

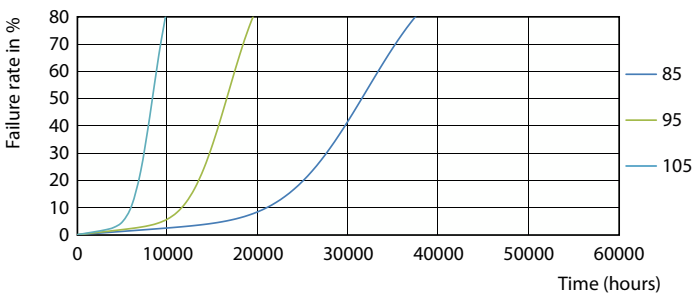


Spectral Power Distribution Colour - ESSENTIAL LEDtube 1500mm 25W 830 I



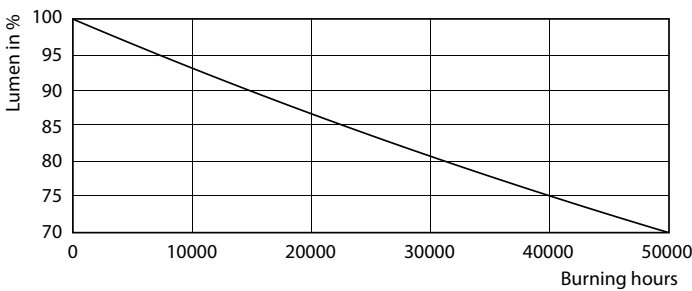
Light Distribution Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I

Lifetime



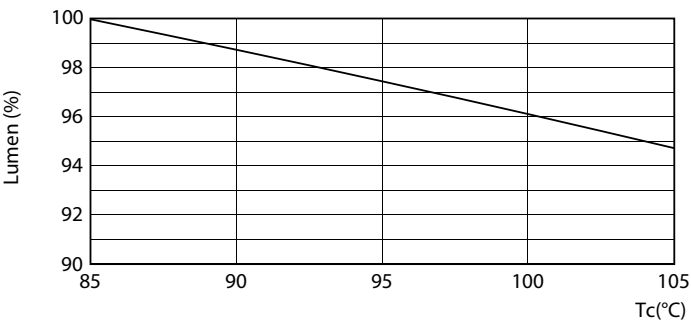
Life Expectancy Diagram - ESSENTIAL LEDtube 1500mm 25W 830 I

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



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