



Specialty LEDtube

Sensor LEDtube 1200mm 16W 840 T8

Philips specialty LEDtube integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for relamping to serve multi-purpose usage: it meets general lighting requirements, offers significant energy savings, and special function such as Visible Light Communication.

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	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,800 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112 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	16 W
Starting Time (Nom)	0.5 s

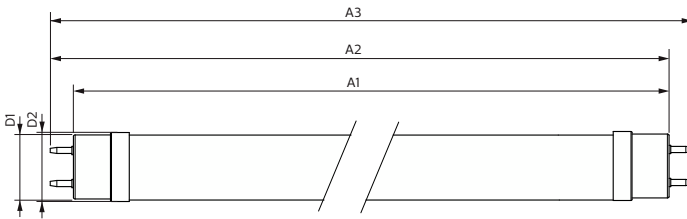
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
Product Data	
Full product code	692234194465900

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Order product name	Sensor LEDtube 1200mm 16W 840 T8
Order code	929003103310
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003103310

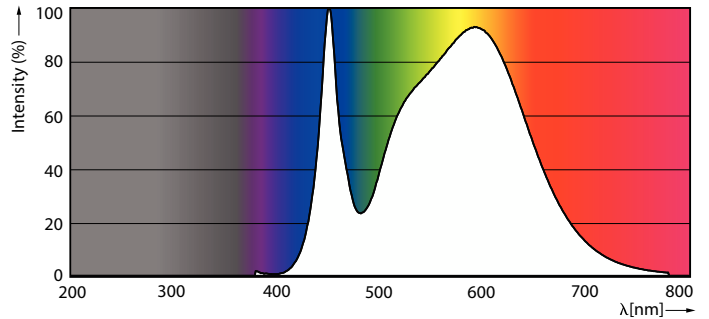
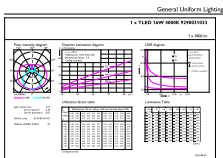
Full product name	Sensor LEDtube 1200mm 16W 840 T8
EAN/UPC - Case	6922341944666
EAN/UPC - Product/Case	6922341944659

Dimensional drawing



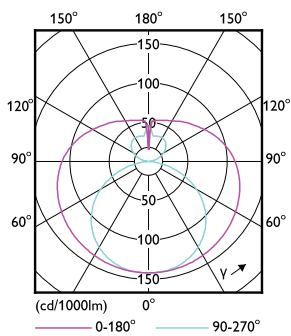
Product	D1	D2	A1	A2	A3
Sensor LEDtube 1200mm 16W 840 T8	25.7 mm	28 mm	1,198.2 mm	1,205.3 mm	1,212.4 mm

Photometric data



General uniform lighting - Sensor LEDtube 1200mm 16W 840 T8

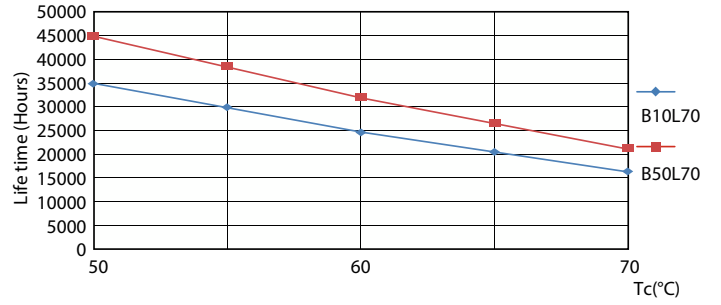
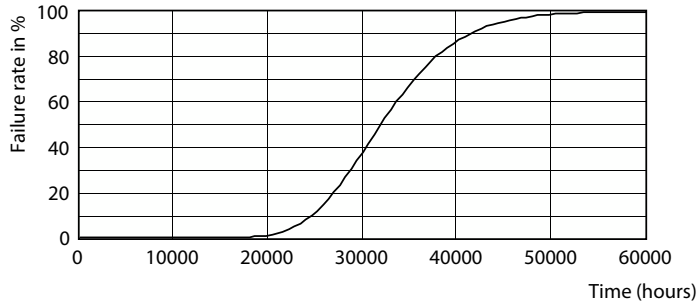
Spectral Power Distribution Colour



Light Distribution Diagram

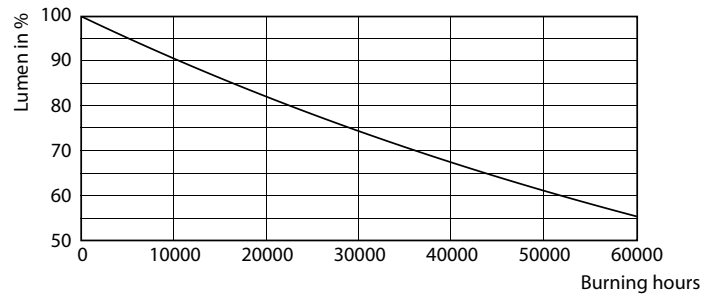
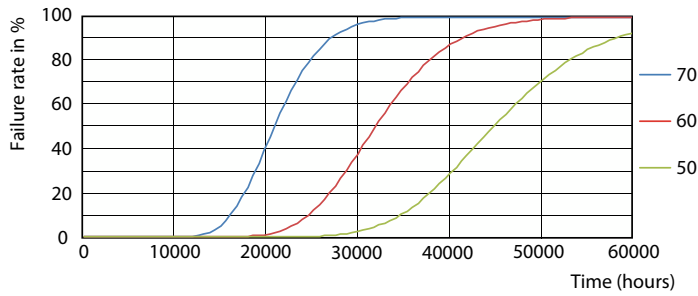
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Lifetime



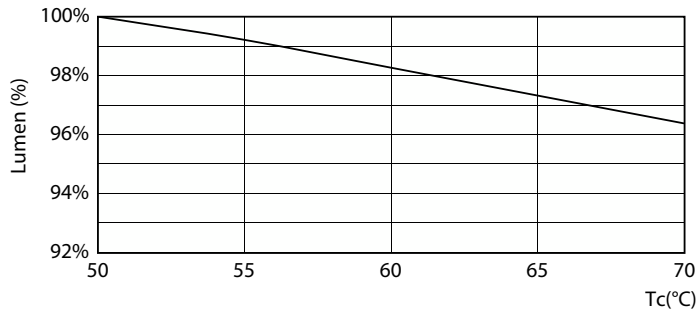
Life Expectancy Diagram - Sensor LEDtube 1200mm 16W 840 T8

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Life Expectancy Diagram - Sensor LEDtube 1200mm 16W 840 T8

Lumen Maintenance Diagram - Sensor LEDtube 1200mm 16W 840 T8



Lumen Maintenance Diagram

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