PHILIPS

Lighting



Ecofit Ledtubes T8

Ledtube DE 1200mm 16W 765 T8 G13

LED, T8, EM/Mains, 16 W, 6500 K, 1600 lm, 15000 hour(s)

Upgrade to efficient, long-lasting LED tubes with the Ecofit LED tubes. Ecofit LED tubes are a fast and easy way to replace your old fluorescent tubes with modern, efficient LED technology. Good quality of light with a natural lighting effect for use in general lighting applications with low initial investment – an environmentally friendly solution.

Product data

General Information	
Cap-Base	G13
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	765 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,600 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<7
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	16 W
Lamp Current (Nom)	130 mA
Wattage Equivalent	36 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Ballast Compatibility	EM/Mains

Temperature	
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Overall length	1,214 mm
Overall width	28 mm

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Overall height	1,214 mm
Dimensions (Height x Width x Depth)	1214 x 28 x 1214 mm
Bulb Shape	T8
Net Weight (Piece)	0.225 kg

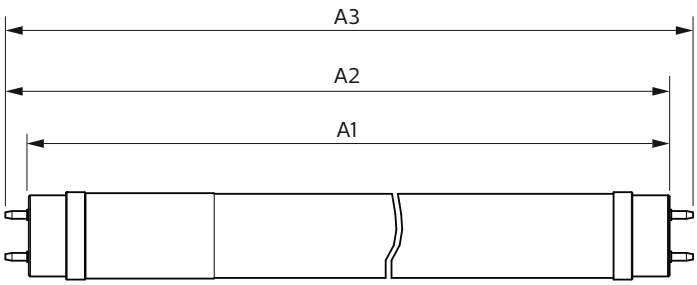
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort
Ambient temperature range	-20 to +45 °C

Product Data

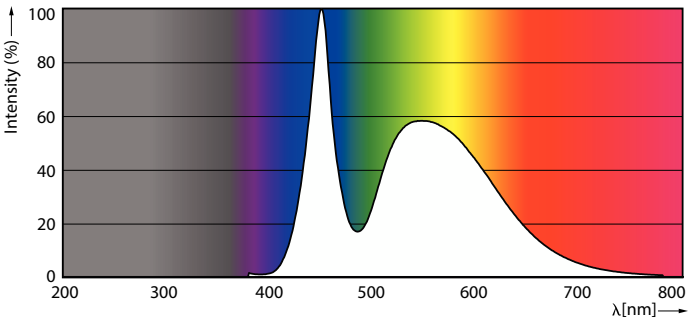
Order product name	Ledtube DE 1200mm 16W 765 T8 G13
Full product name	Ledtube DE 1200mm 16W 765 T8 G13
Full product code	871869975489100
Order code	929002351968
Material Nr. (12NC)	929002351968
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699754891
Numerator - Packs per outer box	20
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Dimensional drawing

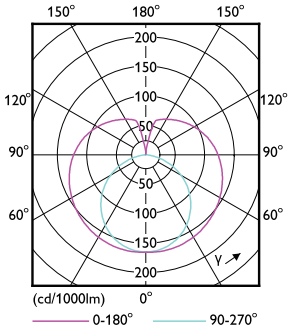


Product	D1	D2	A1	A2	A3
Ledtube DE 1200mm 16W 765 T8 G13	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



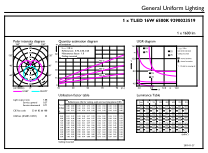
Spectral Power Distribution Colour - Ledtube DE 1200mm 16W 765 T8 G13



Light Distribution Diagram - Ledtube DE 1200mm 16W 765 T8 G13

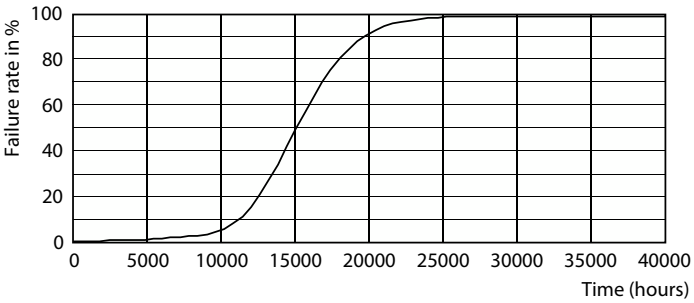
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Photometric data

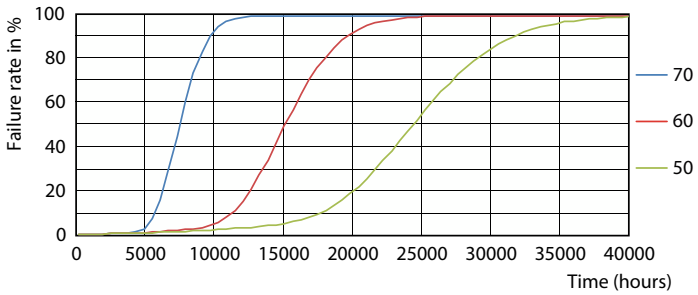


General uniform lighting - Ledtube DE 1200mm 16W 765 T8 G13

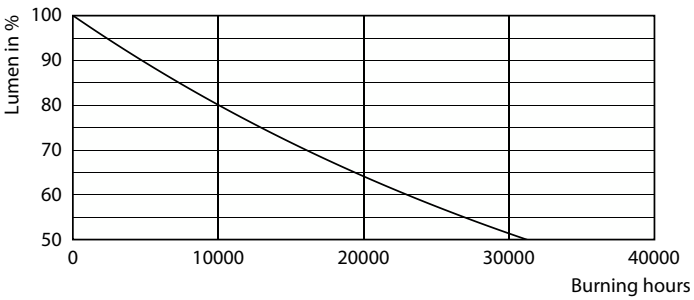
Lifetime



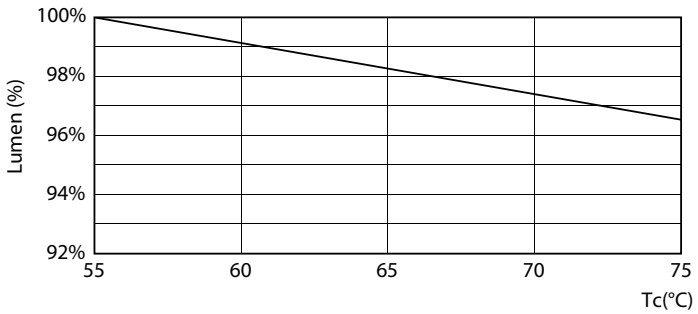
Life Expectancy Diagram



Life Expectancy Diagram



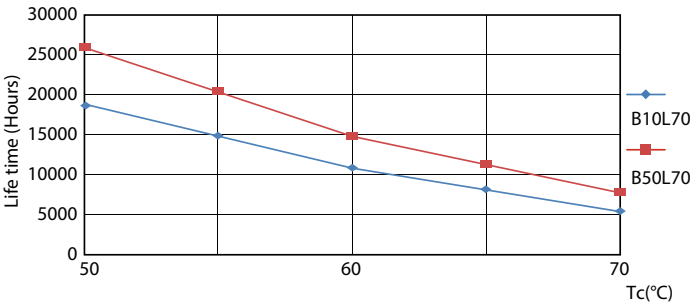
Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 765 T8 G13



Lumen Maintenance Diagram - Ledtube DE 1200mm 16W 765 T8 G13

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Lifetime



Life Expectancy Diagram

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