PHILIPS

Lighting



Ecofit Ledtubes T8



Ecofit LEDtube 600mm HO 9W 865 T8 S

Ecofit, LEDtube, T8, EM/Mains, 600 mm, 9 W, 18W TL-D, 6500 K, 900 lm, CRI 80, 30000 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 [Medium Bi-Pin Fluorescent]
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Flux measurement reference	Sphere

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	900 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	9 W
Lamp Current (Nom)	78 mA
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
LED alternative to fluorescent lamp power	18W TL-D
Ballast Compatibility	EM/Mains

Temperature	
T-Case Maximum (Nom)	55 °C

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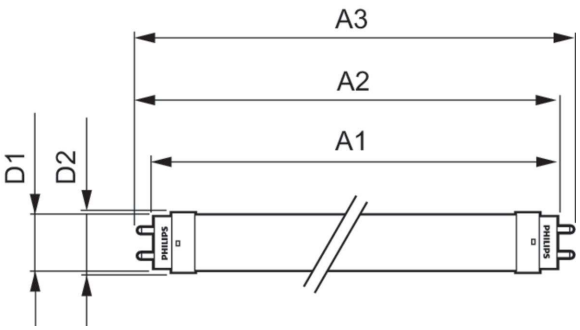
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.095 kg

Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	9 kWh
EPREL Registration Number	491857
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.1
Stroboscopic effect visibility measure (SVM)	0.3
Ambient temperature range	-20 °C to 45 °C

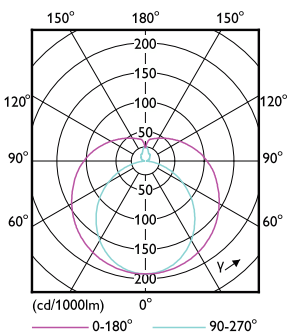
Product Data	
Order product name	Ecofit LEDtube 600mm HO 9W 865 T8 S
Full product name	Ecofit LEDtube 600mm HO 9W 865 T8 S
Full product code	871951426606300
Order code	26606300
Material Nr. (12NC)	929002445802
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514266063
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514266070

Dimensional drawing

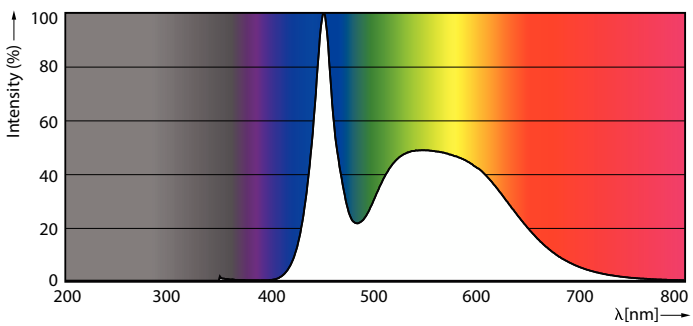


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm HO 9W 865 T8 S	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

Photometric data



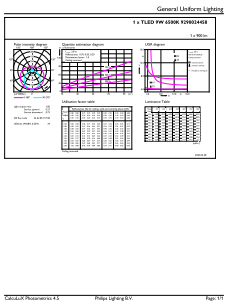
Light Distribution Diagram - Ecofit LEDtube 600mm HO 9W 865 T8 S



Spectral Power Distribution Colour - Ecofit LEDtube 600mm HO 9W 865 T8 S

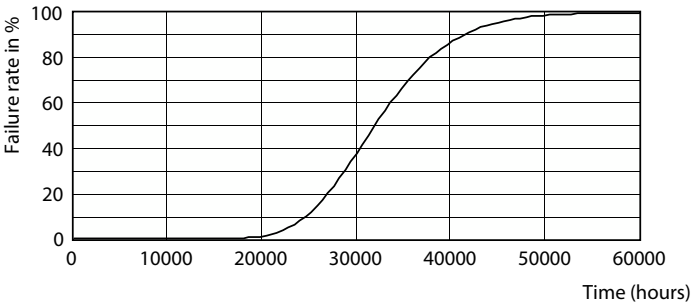
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Photometric data

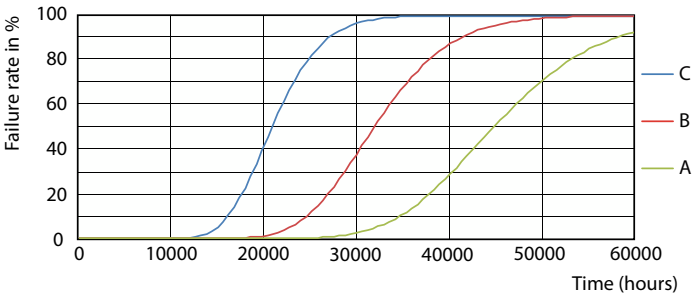


General uniform lighting - Ecofit LEDtube 600mm HO 9W 865 T8 S

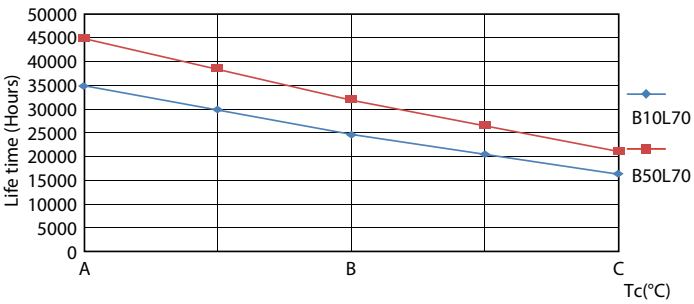
Lifetime



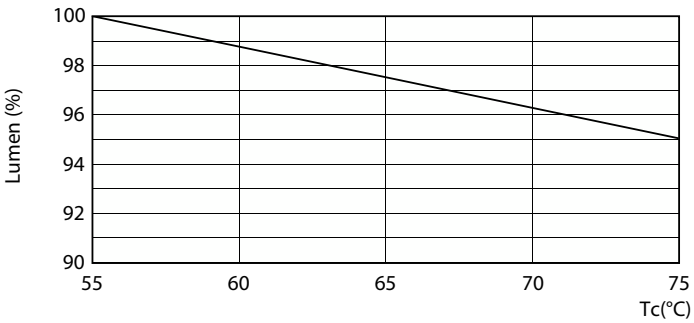
Life Expectancy Diagram



LEDtube 30K FailureRate



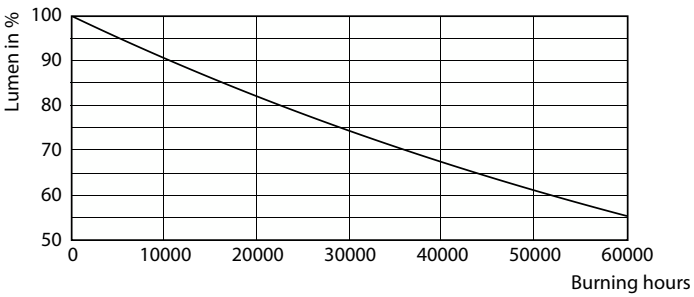
LEDtube 30K LifetimeVsTc



Lumen Maintenance Diagram - Ecofit LEDtube 600mm HO 9W 865 T8 S

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Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 600mm HO 9W 865 T8 S

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