PHILIPS

Lighting



Ecofit Ledtubes T8



Ecofit LEDtube 600mm 8W 865 T8 I

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	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	800 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 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	8 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

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Material	Glass
Product Length	600 mm
Bulb Shape	T8

Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes

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Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	491858

Order code	929001276322
Material Nr. (12NC)	929001276322
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699697068
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699697075

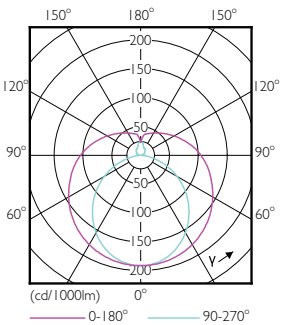
Product Data

Order product name	Ecofit LEDtube 600mm 8W 865 T8 I
Full product name	Ecofit LEDtube 600mm 8W 865 T8 I
Full product code	871869969706800

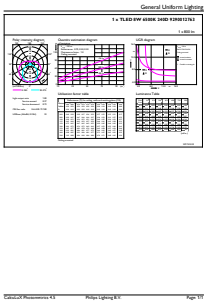
Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm 8W 865 T8 I	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

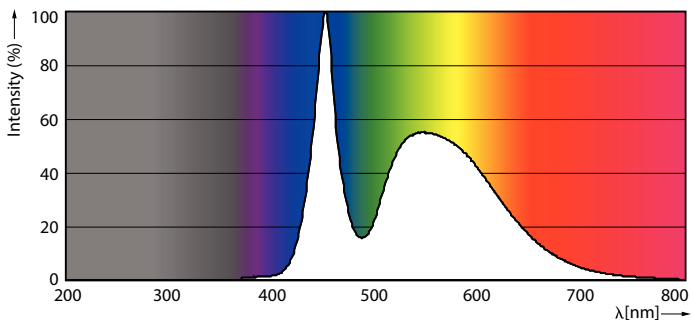
Photometric data



Light Distribution Diagram - Ecofit LEDtube 600mm 8W 865 T8 I

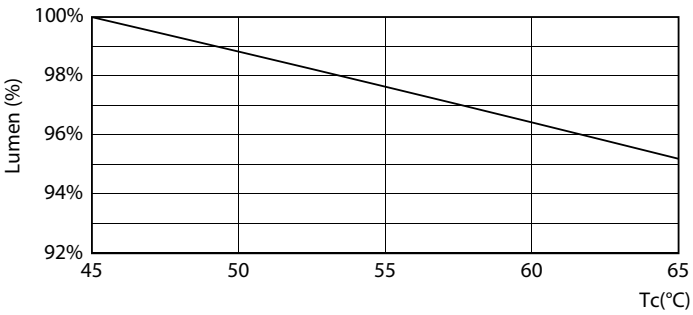


General uniform lighting - Ecofit LEDtube 600mm 8W 865 T8 I

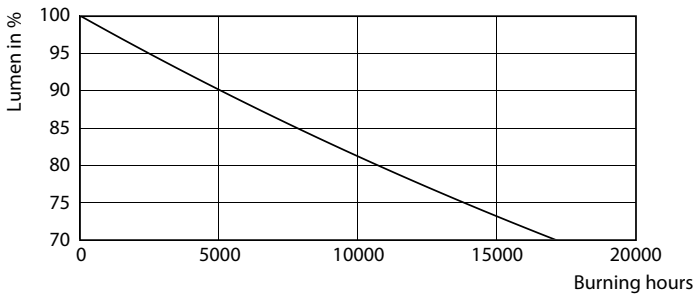


Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 865 T8 I

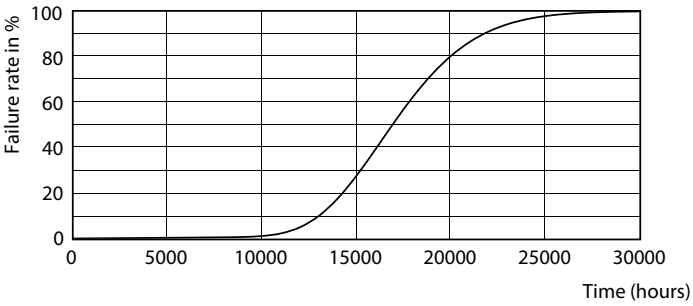
Lifetime



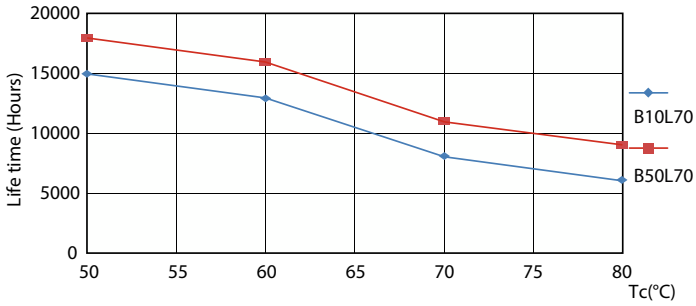
Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 865 T8 I



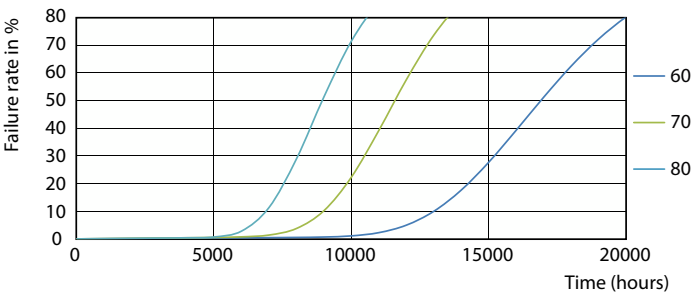
Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 865 T8 I



Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 865 T8 I



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2024, February 2 - data subject to change