PHILIPS

Lighting



Ecofit Ledtubes T8

Ecofit LEDtube 600mm 8W 840 T8

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
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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	
Product Length	600 mm
Bulb Shape	Tube, double-ended

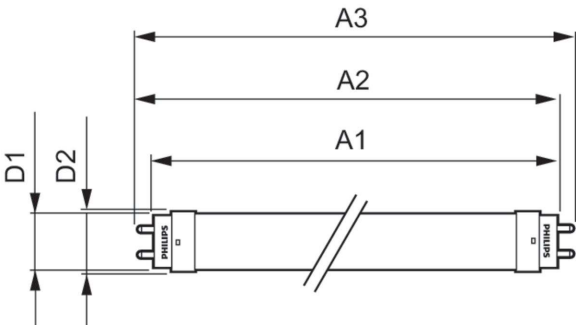
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	8 kWh

Ecofit Ledtubes T8

Product Data	
Order product name	Ecofit LEDtube 600mm 8W 840 T8
Full product name	Ecofit LEDtube 600mm 8W 840 T8
Full product code	871869959526500
Order code	929001276202
Material Nr. (12NC)	929001276202

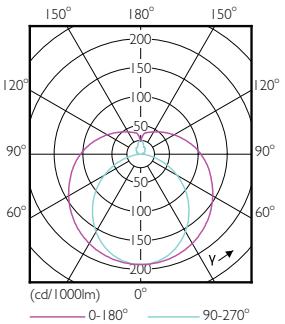
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EAN/UPC - Product/Case	8718699595265
Numerator - Packs per outer box	10
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Dimensional drawing

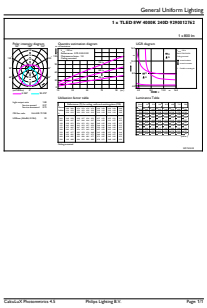


Product	D1	D2	A1	A2	A3
Ecofit LEDtube 600mm 8W 840 T8	25.7 mm	28 mm	588.5 mm	595.5 mm	602.5 mm

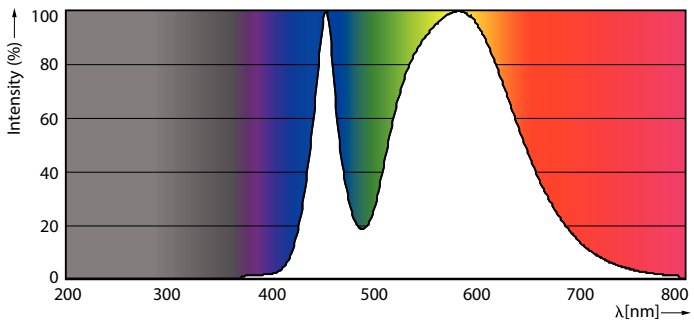
Photometric data



Light Distribution Diagram - Ecofit LEDtube 600mm 8W 840 T8

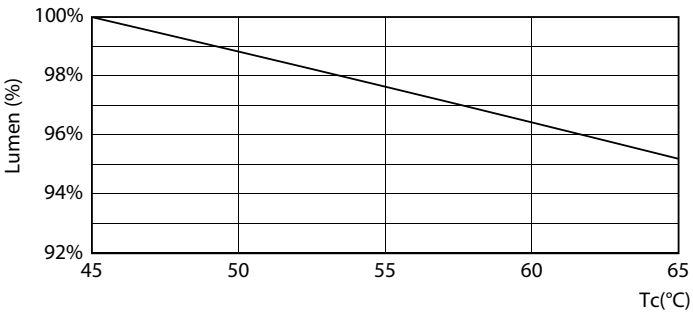


General uniform lighting - Ecofit LEDtube 600mm 8W 840 T8

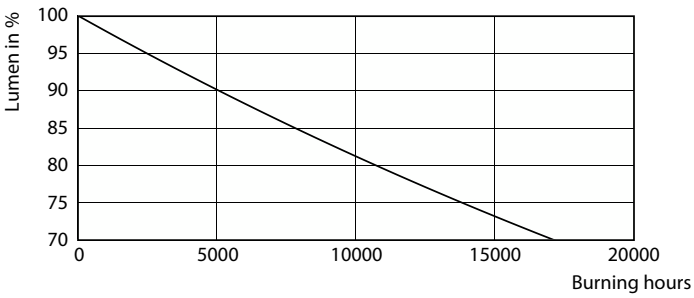


Spectral Power Distribution Colour - Ecofit LEDtube 600mm 8W 840 T8

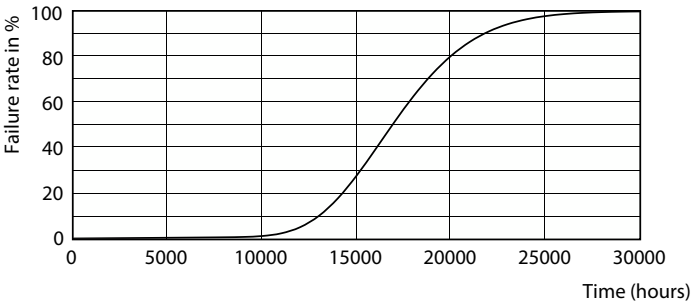
Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8

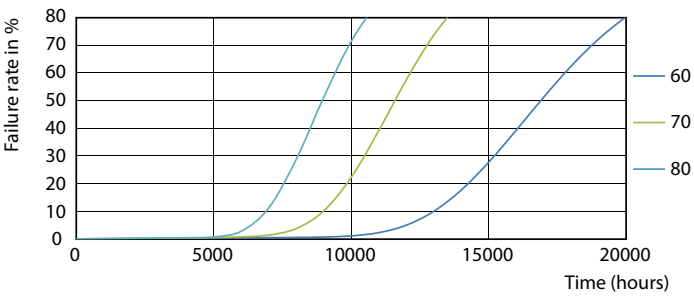


Lumen Maintenance Diagram - Ecofit LEDtube 600mm 8W 840 T8



Life Expectancy Diagram - Ecofit LEDtube 600mm 8W 840 T8

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2023, November 12 - data subject to change