



Ecofit Ledtubes T8



Ecofit LEDtube 1200mm HO 18W 865 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		Input Frequency	
Lighting Technology	LED	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	18 W
Switching Cycle	50,000	Lamp Current (Nom)	147 mA
Nominal lifetime	30,000 hour(s)	Starting Time (Nom)	0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm-up time to 60% light	0.5 s
Light Technical		Power Factor (Fraction)	0.5
Color Code	865 [CCT of 6500K]	Voltage (Nom)	220-240 V
Beam Angle (Nom)	240 degree(s)	Temperature	
Luminous Flux	1,800 lumen	Ambient temperature range	-20 °C to 45 °C
Color Designation	Cool Daylight	T-Case Maximum (Nom)	55 °C
Correlated Color Temperature (Nom)	6500 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass
Flickering value (PstLM)	0.1	Product Length	1,200 mm
Stroboscopic effect value (SVM)	0.3	Bulb Shape	Tube, double-ended
Operating and Electrical			
Line Frequency	50 to 60 Hz		

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Approval and Application

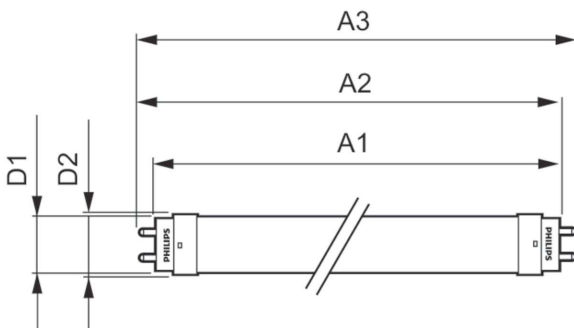
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	491855
EU RoHS compliant	Yes

Product Data

Full product code	871951426610000
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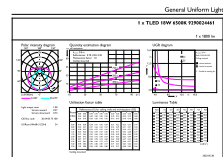
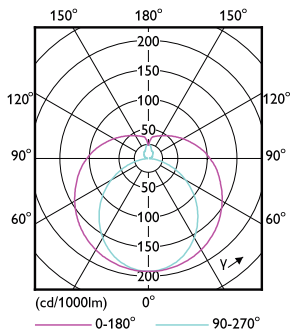
Order product name	Ecofit LEDtube 1200mm HO 18W 865 T8
Order code	929002446102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	929002446102
Full product name	Ecofit LEDtube 1200mm HO 18W 865 T8
EAN/UPC - Case	8719514266117

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm HO 18W 865 T8	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data

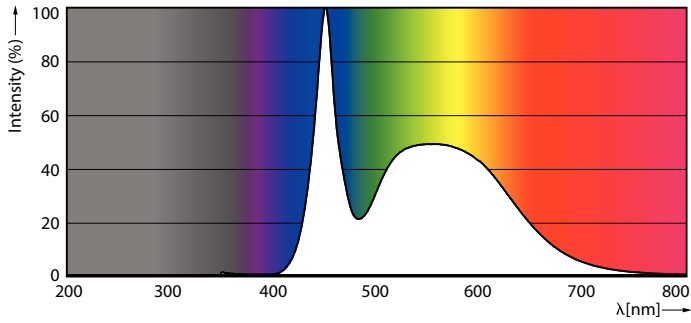


Light Distribution Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8

General uniform lighting - Ecofit LEDtube 1200mm HO 18W 865 T8

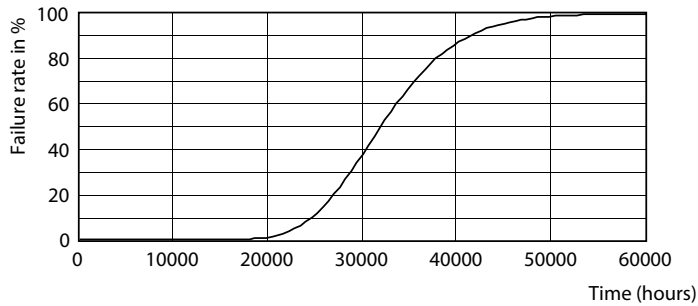
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Photometric data

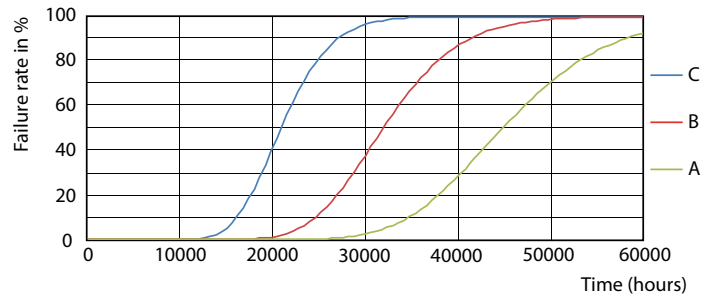


Spectral Power Distribution Colour - Ecofit LEDtube 1200mm HO 18W 865 T8

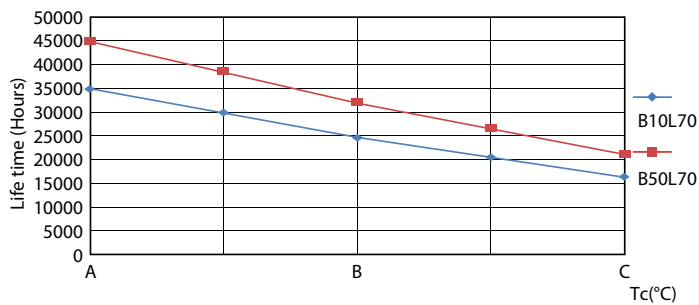
Lifetime



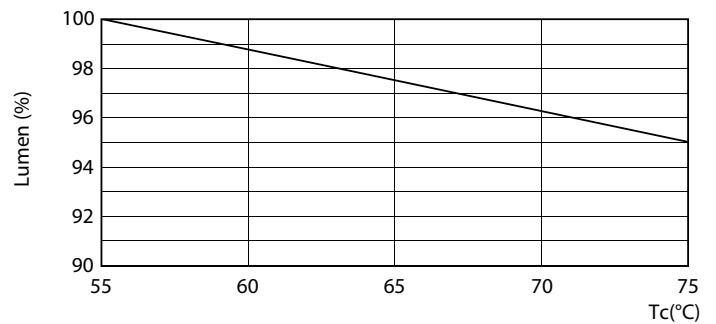
Life Expectancy Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



Life Expectancy Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



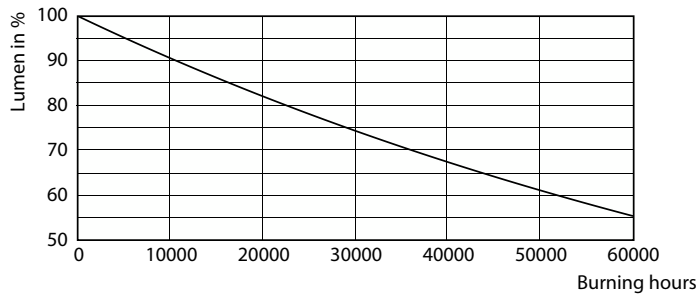
Life Expectancy Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8

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Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO 18W 865 T8

