



Ecofit Ledtubes T8



Ecofit LEDtube 1500mm HO 23W 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	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,300 lumen
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 %
Flickering value (PstLM)	0.1
Stroboscopic effect value (SVM)	0.3
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	23 W
Lamp Current (Nom)	204 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	54 W

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,500 mm

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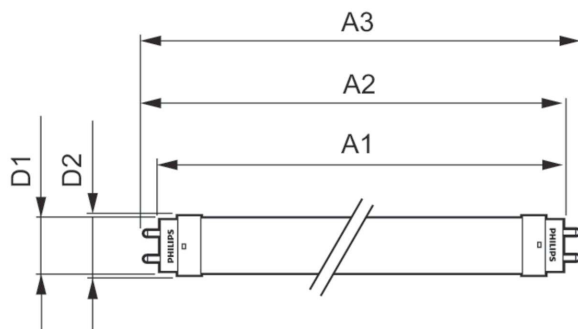
Bulb Shape	Tube, double-ended
Approval and Application	
Energy Efficiency Class	F
Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	23 kWh
EPREL Registration Number	491863

Product Data

Full product code	871951426612400
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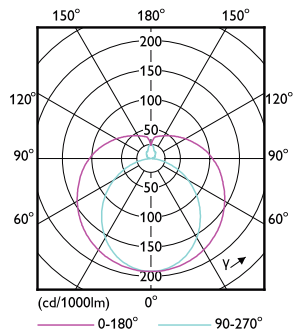
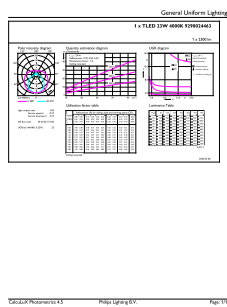
Order product name	Ecofit LEDtube 1500mm HO 23W 840 T8
Order code	929002446302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	929002446302
Full product name	Ecofit LEDtube 1500mm HO 23W 840 T8
EAN/UPC - Case	8719514266131
EAN/UPC - Product/Case	8719514266124

Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1500mm HO 23W 840 T8	25.7 mm	28 mm	1,498.5 mm	1,505.9 mm	1,513 mm

Photometric data

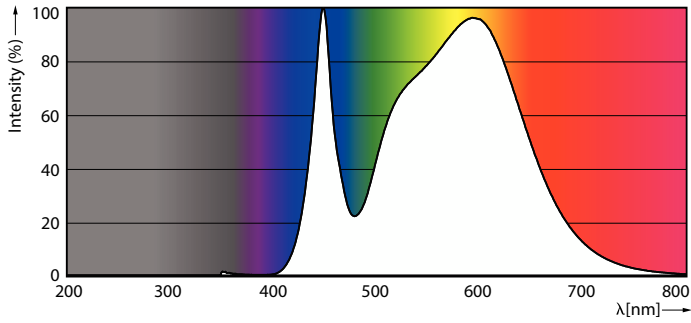


General uniform lighting - Ecofit LEDtube 1500mm HO 23W 840 T8

Light Distribution Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8

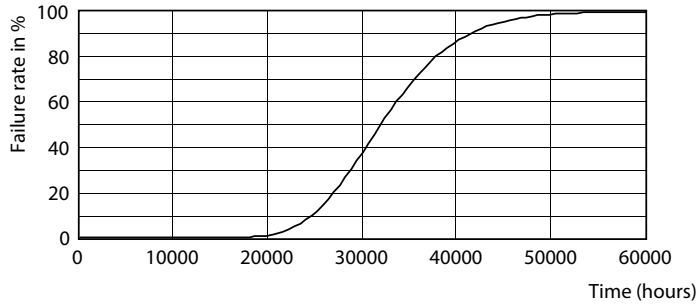
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Photometric data

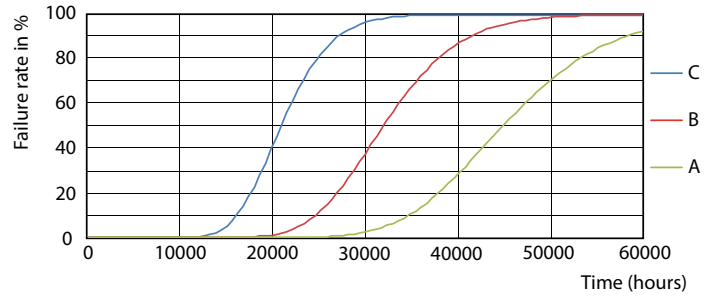


Spectral Power Distribution Colour - Ecofit LEDtube 1500mm HO 23W 840 T8

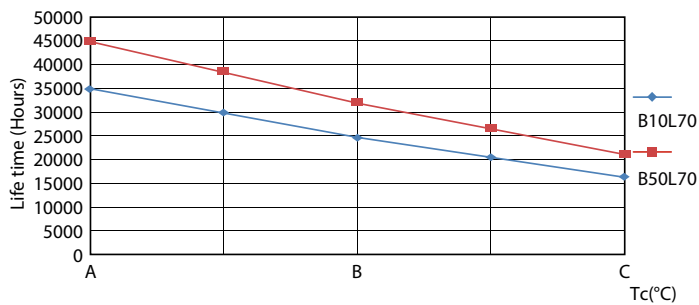
Lifetime



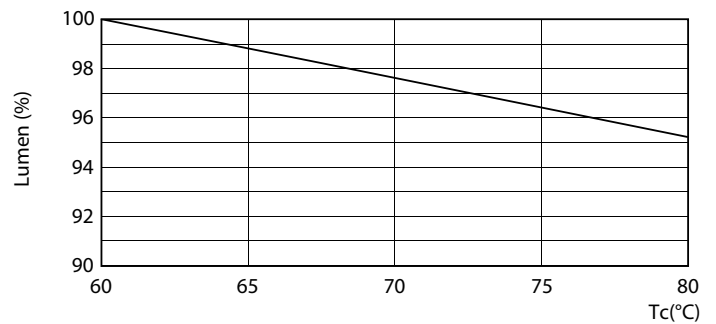
Life Expectancy Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8



Life Expectancy Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8



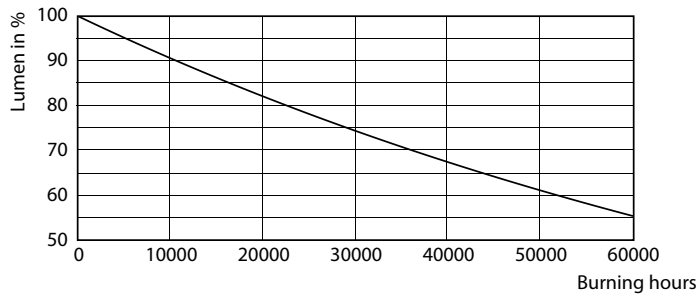
Life Expectancy Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8



Lumen Maintenance Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8

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Lifetime



Lumen Maintenance Diagram - Ecofit LEDtube 1500mm HO 23W 840 T8

