



# Ecofit LED tubes T8

## Ecofit LEDtube 1200mm 16W 840 T8 I RCA

Ecofit, LEDtube, T8, EM/Mains, 1200 mm, 220–240 V, 16 W, 36W TL-D, 4000 K, 1600 lm, CRI 80, 15000 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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,600 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	16 W
Lamp Current (Nom)	120 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	36W TL-D
Ballast Compatibility	EM/Mains
Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No

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## Mechanical and Housing

Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.215 kg

## Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
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

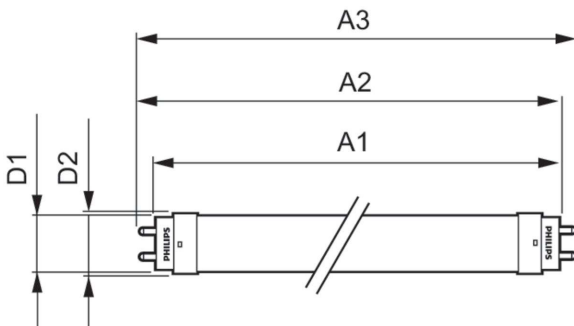
## Application Conditions

Wireless Technology	Not applicable
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## Product Data

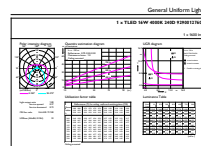
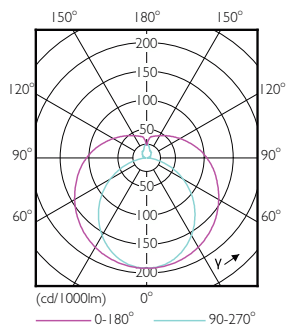
Order product name	Ecofit LEDtube 1200mm 16W 840 T8 I RCA
Full product name	Ecofit LEDtube 1200mm 16W 840 T8 I RCA
Full product code	871951425786300
Order code	929001276037
Material Nr. (12NC)	929001276037
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514257863
Numerator - Packs per outer box	20
EAN/UPC - Case	8719514257870

## Dimensional drawing



Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm 16W 840 T8 I RCA	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data

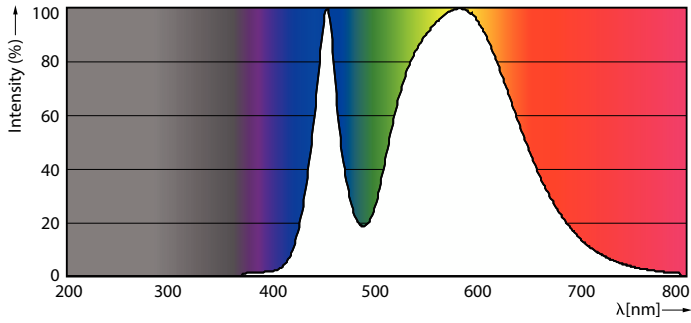


Light Distribution Diagram - Ecofit LEDtube 1200mm 16W 840 T8 I RCA

General uniform lighting - Ecofit LEDtube 1200mm 16W 840 T8 I RCA

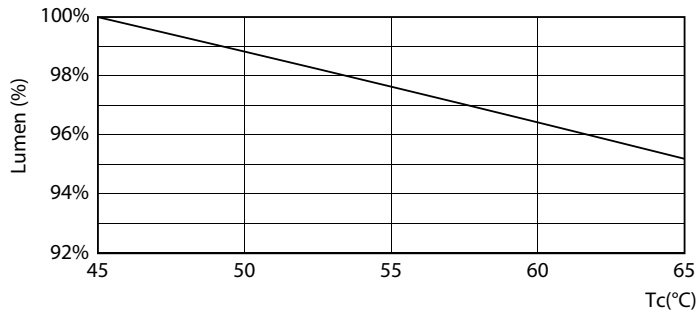
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## Photometric data

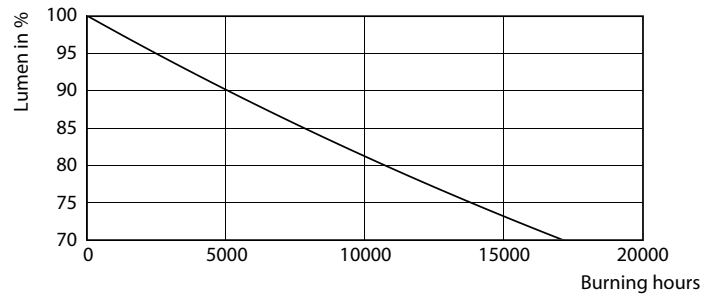


Spectral Power Distribution Colour - Ecofit LEDtube 1200mm 16W 840 T8 I  
RCA

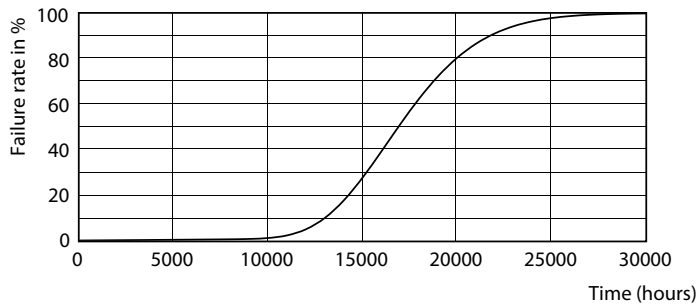
## Lifetime



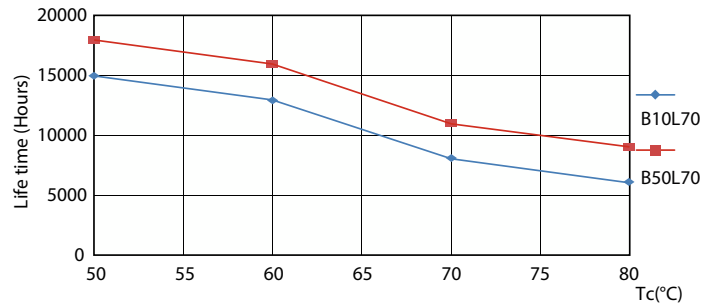
Lumen Maintenance Diagram - Ecofit LEDtube 1200mm 16W 840 T8 I RCA



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm 16W 840 T8 I RCA



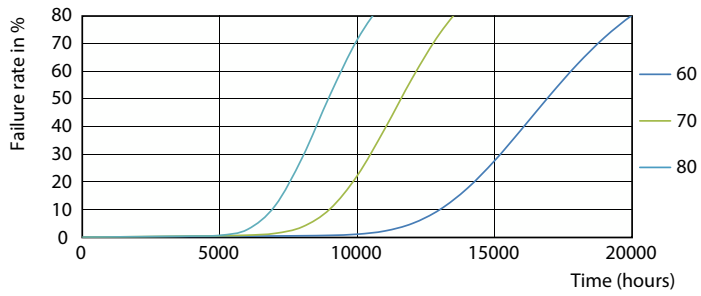
LEDtube Ecofit 16W G13 840 24D ND



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### Lifetime



LEDtube Ecofit 16W G13 840 24D ND

