



# Ecofit Ledtubes T8

## 16W (36W) G13 Cool White Non-dimmable Linear tube

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		Temperature	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Ambient temperature range	-20 °C to 45 °C
Nominal lifetime	15,000 hour(s)	T-Case Maximum (Nom)	60 °C
Switching Cycle	50,000		
Rated Lifetime (Hours)	15,000 hour(s)	Controls and Dimming	
Lighting Technology	LED	Dimmable	No
		Mechanical and Housing	
Light Technical		Bulb Finish	Frosted
Color Code	740 [CCT of 4000K]	Bulb Material	Glass
Beam Angle (Nom)	240 degree(s)	Product Length	1,200 mm
Luminous Flux	1,600 lm	Bulb Shape	T8
Luminous Efficacy (rated) (Nom)	100.00 lm/W		
Color Designation	Cool White (CW)		
Correlated Color Temperature (Nom)	4000 K		
Color Consistency	<7		
Color rendering index (CRI)	73		
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		
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		
Ballast Compatibility	EM		

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## Approval and Application

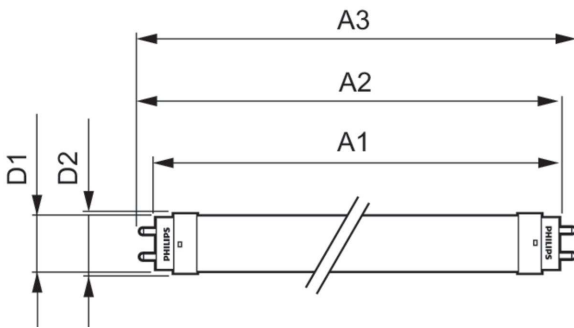
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Approval Marks	RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16 kWh
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort

## Product Data

Order product name	16W (36W) G13 Cool White Non-dimmable Linear tube
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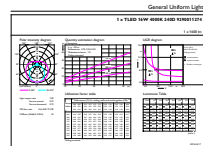
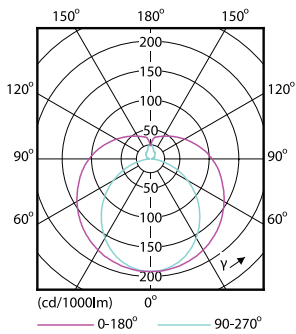
Full product name	16W (36W) G13 Cool White Non-dimmable Linear tube
Full product code	871869652501200
Order code	929001184508
Material Nr. (12NC)	929001184508
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.170 kg
EAN/UPC - Product/Case	8718696525012
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696525029

## Dimensional drawing



Product	D1	D2	A1	A2	A3	C	D
16W (36W) G13 Cool White Non-dimmable Linear tube	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm	1,212 mm	27.8 mm

## Photometric data

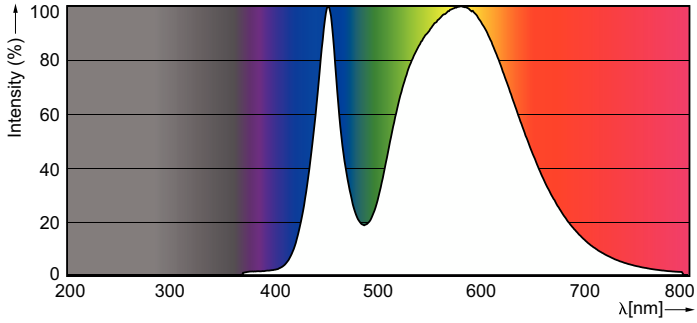


Light Distribution Diagram - LEDtube 1200mm 16W 740 T8 AP C G

General uniform lighting - LEDtube 1200mm 16W 740 T8 AP C G

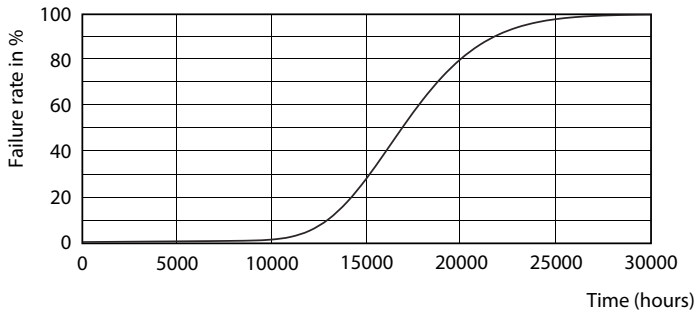
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## Photometric data

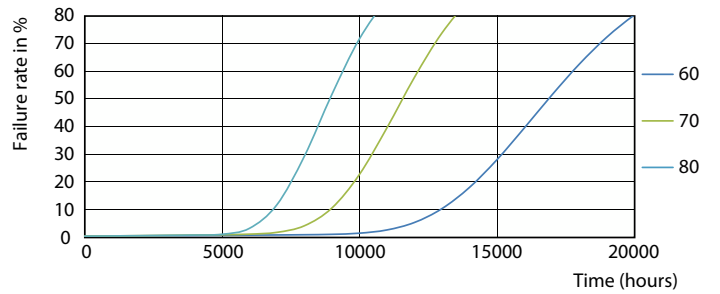


Spectral Power Distribution Colour - LEDtube 1200mm 16W 740 T8 AP C G

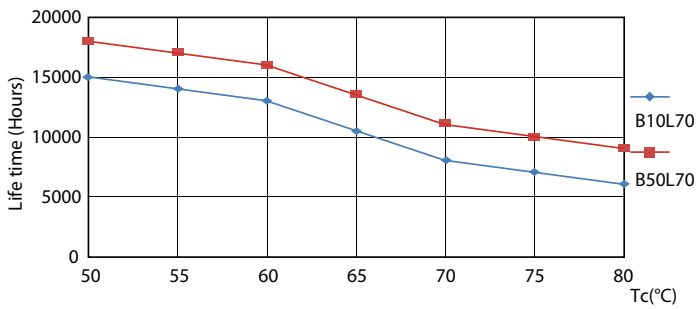
## Lifetime



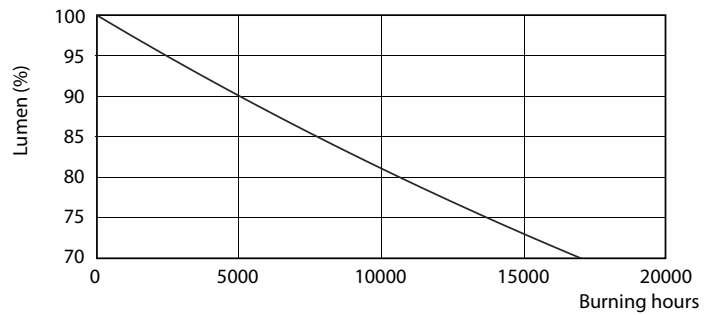
LEDtube 16W G13 740 T8 AP I G



LEDtube 16W G13 740 T8 AP I G



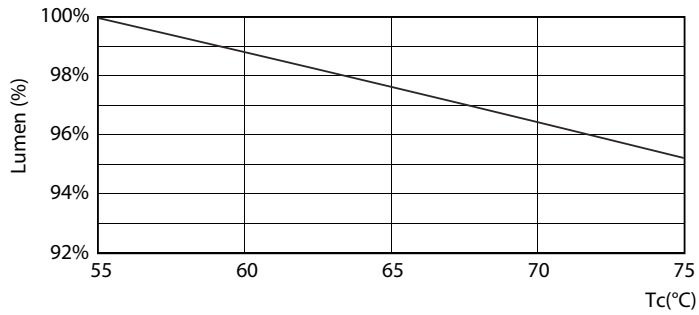
LEDtube 16W G13 740 T8 AP I G



Lumen Maintenance Diagram - LEDtube 1200mm 16W 740 T8 AP C G

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### Lifetime



Lumen Maintenance Diagram - LEDtube 1200mm 16W 740 T8 AP C G

