



# Ecofit Ledtubes T8

## Ecofit E LEDtube 1200mm 18W 765 T8 I MY

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		Lamp Current (Min)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Nom)	140 mA
Nominal lifetime	15,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.5
Light Technical		Voltage (Nom)	220–240 V
Color Code	765 [CCT of 6500K]	Ballast Compatibility	EM
Beam Angle (Nom)	240 degree(s)	Temperature	
Luminous Flux	1,800 lm	Ambient temperature range	-20 °C to 45 °C
Color Designation	Cool Daylight	T-Case Maximum (Nom)	55 °C
Luminous Efficacy (rated) (Nom)	100 lm/W	Controls and Dimming	
Correlated Color Temperature (Nom)	6500 K	Dimmable	No
Color Consistency	<7	Mechanical and Housing	
Color rendering index (CRI)	70	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass
Operating and Electrical		Product Length	1,200 mm
Line Frequency	50 to 60 Hz	Bulb Shape	T8
Input Frequency	50 to 60 Hz		
Power Consumption	18 W		
Lamp Current (Max)	140 mA		

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## Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance KEMA Keur certificate
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort

## Product Data

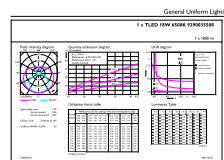
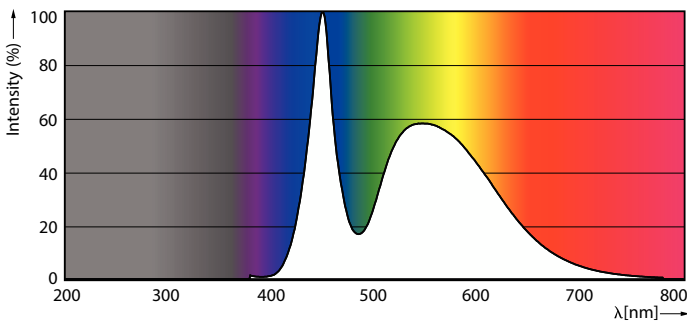
Order product name	Ecofit E LEDtube 1200mm 18W 765 T8 I MY
Full product name	Ecofit E LEDtube 1200mm 18W 765 T8 I MY

Full product code	871951447542700
Order code	929003550837
Material Nr. (12NC)	929003550837
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.175 kg
EAN/UPC - Product/Case	8719514475427
Numerator - Packs per outer box	25
EAN/UPC - Case	8719514475434

## Dimensional drawing

Product	D1	D2	A1	A2	A3
Ecofit E LEDtube 1200mm 18W 765 T8 I MY	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

## Photometric data



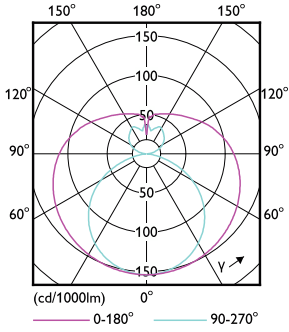
OSRAM KolorControl U1 Philips Lighting NV Page 1/1

Spectral Power Distribution Colour - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

General uniform lighting - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

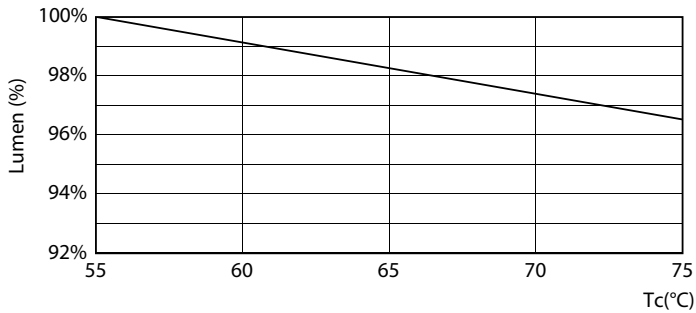
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## Photometric data

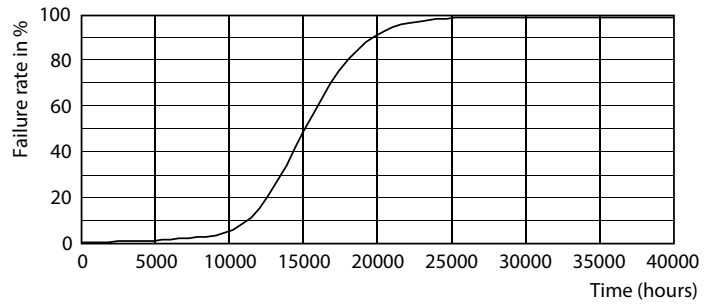


Light Distribution Diagram - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

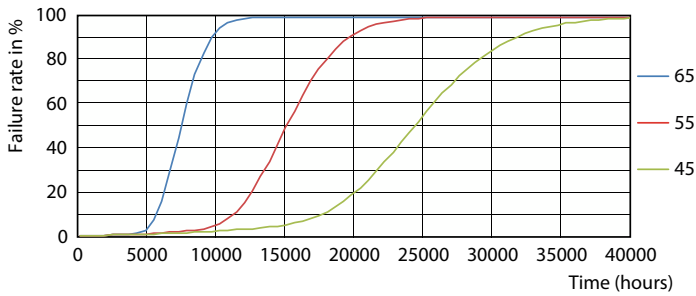
## Lifetime



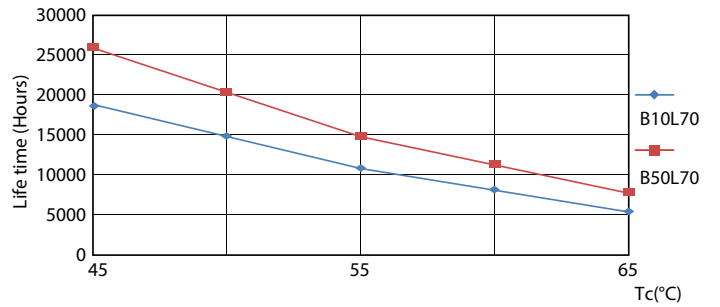
Lumen Maintenance Diagram - Ecofit E LEDtube 1200mm 18W 765 T8 I MY



Life Expectancy Diagram



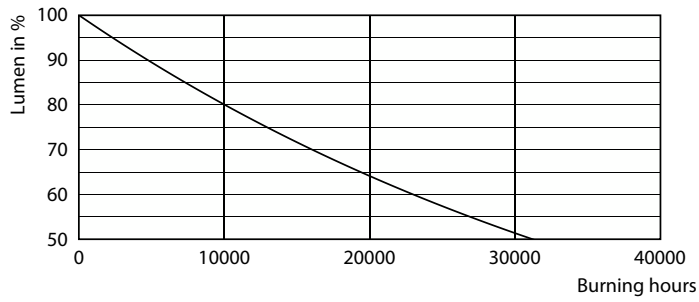
FailureRate



LifetimeVsTc

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## Lifetime



Lumen Maintenance Diagram - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

