

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	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	765 [CCT of 6500K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	1,800 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<7
Color rendering index (CRI)	70
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	18 W
Lamp Current (Max)	140 mA

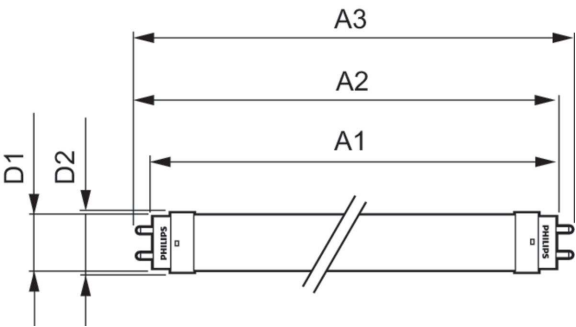
Lamp Current (Min)	140 mA
Lamp Current (Nom)	140 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Ballast Compatibility	EM
Temperature	
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.175 kg

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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
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	Ecofit E LEDtube 1200mm 18W 765 T8 I MY

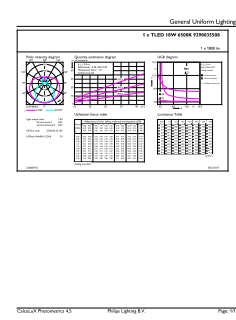
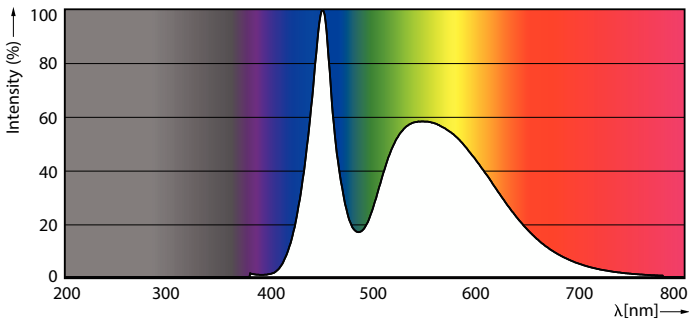
Full product name	Ecofit E LEDtube 1200mm 18W 765 T8 I MY
Full product code	871951447542700
Order code	929003550837
Material Nr. (12NC)	929003550837
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514475427
Numerator - Packs per outer box	25
EAN/UPC - Case	8719514475434

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

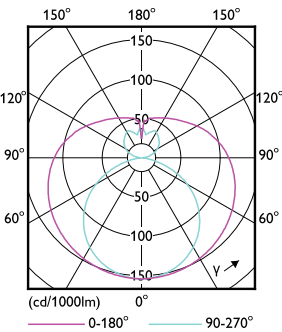


Spectral Power Distribution Colour - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

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

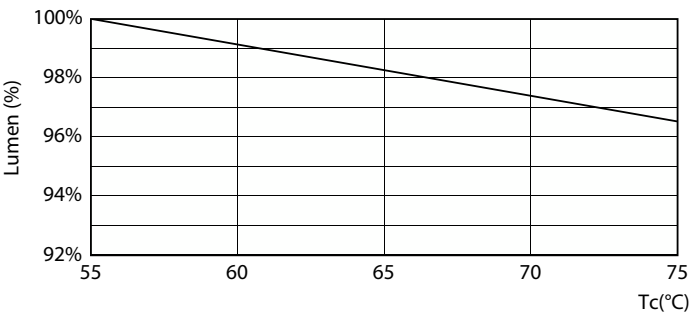
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Photometric data

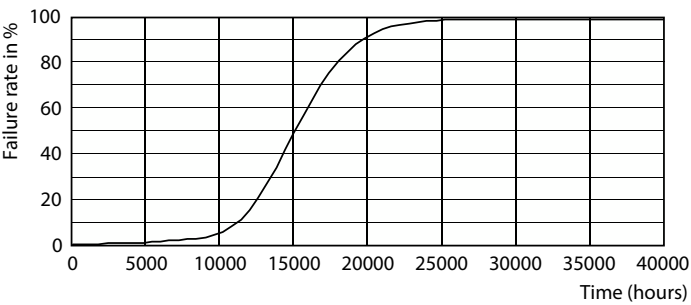


Light Distribution Diagram - Ecofit E LEDtube 1200mm 18W 765 T8 I MY

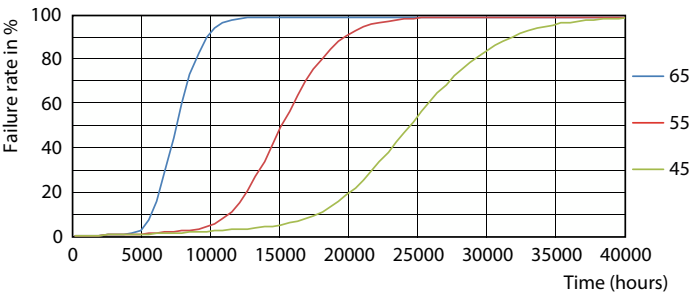
Lifetime



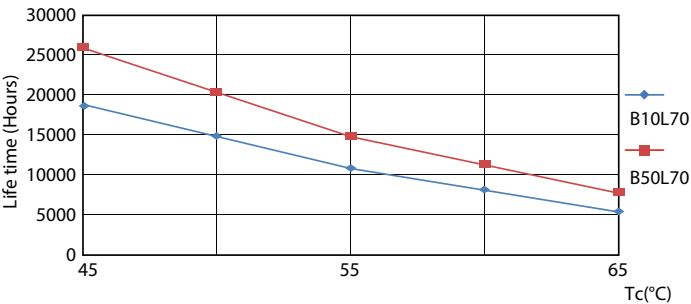
Lumen Maintenance Diagram - Ecofit E LEDtube 1200mm 18W 765 T8 I MY



Life Expectancy Diagram



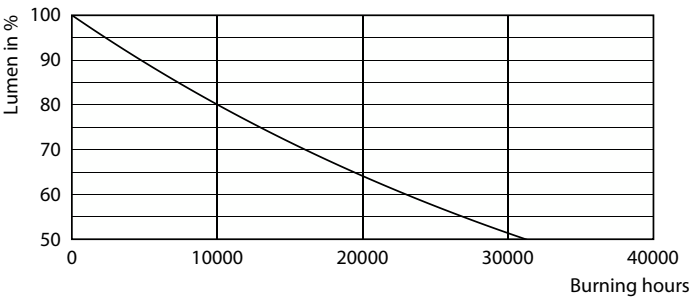
FailureRate



LifetimeVsTc

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Lifetime



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