PHILIPS

Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL

929004263711



LEDtube, T8, Mains, 1200 mm, 220-240 V, 25 W, 36W TL-D, 4000 K, 3000 lm, CRI 80, 15000 hour(s)

LEDtube, T8, Mains, 1200 mm, 220-240 V, 25 W, LED alternative to 36W TL-D, 4000 K, 3000 lm, CRI 80, 15000 hour(s), 120 lm/W, G13, Beam angle 240 degree(s), Glass, 0 %, 1200 mm, RG0, SDCM 6, PF 0.5, IP20

General Information

Cap-Base	G13
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Warranty period	1 years

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	3,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	25 W
Lamp Current (Nom)	195 mA
Wattage Equivalent	36 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
LED alternative to fluorescent lamp power	36W TL-D
Ballast Compatibility	Mains

Temperature

T-Case Maximum (Nom)	60 °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

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Consumption kWh/1000 h	25 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Post-consumer recycled plastic material ratio	0 %

Application Conditions

Wireless Technology	Not applicable

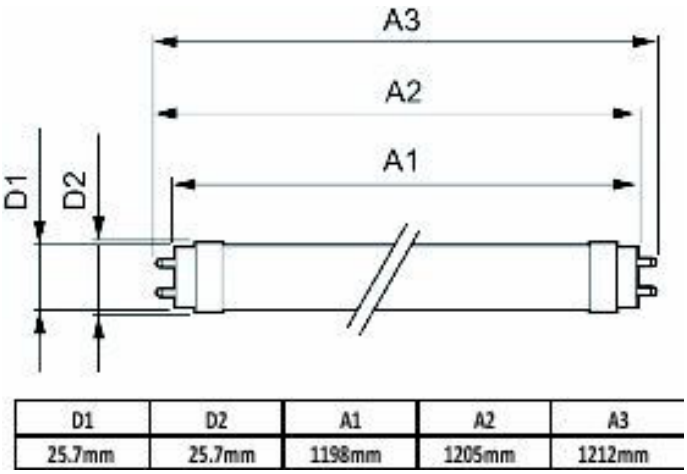
Sustainability Data

Product non-virgin material ratio	0 %

Product Data

Order product name	Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL
Full product name	Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL
Full product code	872110314317400
Order code	929004263711
Material Nr. (12NC)	929004263711
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103143174
Numerator - Packs per outer box	25
EAN/UPC - Case	8721103143181

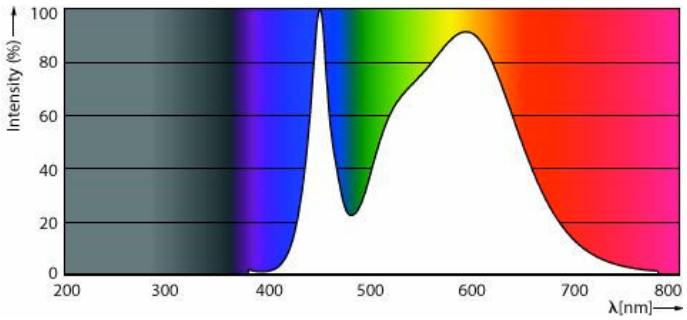
Dimensional drawing



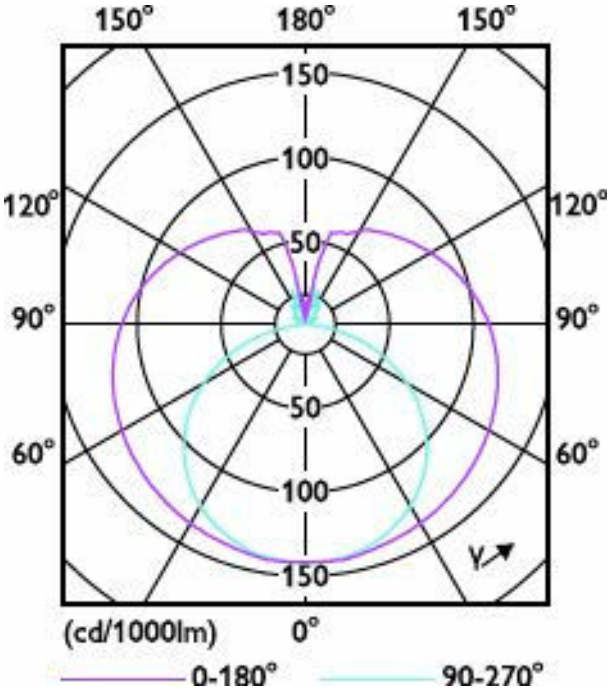
D1	D2	A1	A2	A3
25.7mm	25.7mm	1198mm	1205mm	1212mm

Product	D1	D2	A1	A2	A3
Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL	25.7 mm	25.7 mm	1,198 mm	1,205 mm	1,212 mm

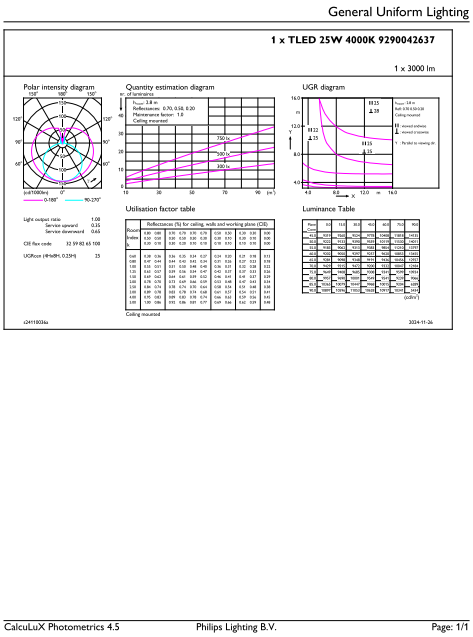
Photometric data



Spectral Power Distribution Colour - Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL



Light Distribution Diagram - Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL


General Uniform Lighting

1 x TLED 25W 4000K 9290042637

1 x 3000 lm

Polar intensity diagram

Quantity estimation diagram

UGR diagram

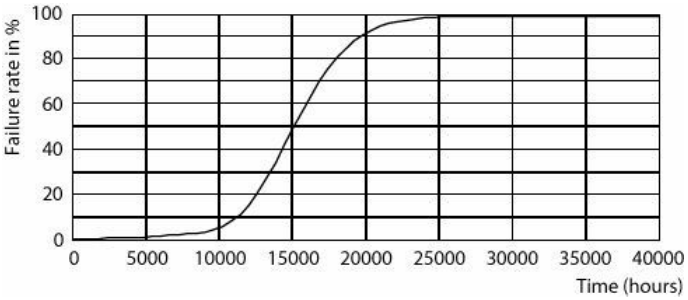
Utilisation factor table

Luminance Table

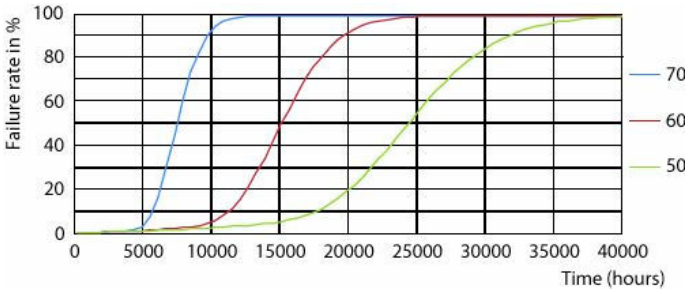
CalcuLuX Photometrics 4.5 Philips Lighting B.V. Page: 1/1

General uniform lighting - Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL

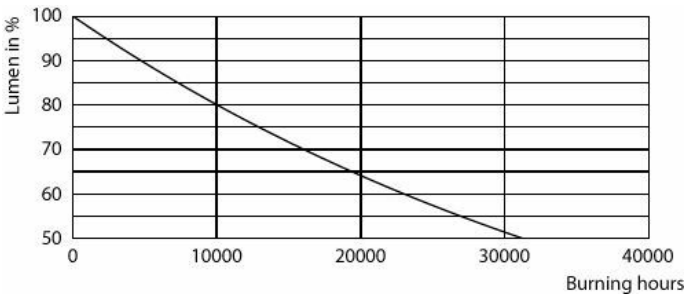
Lifetime



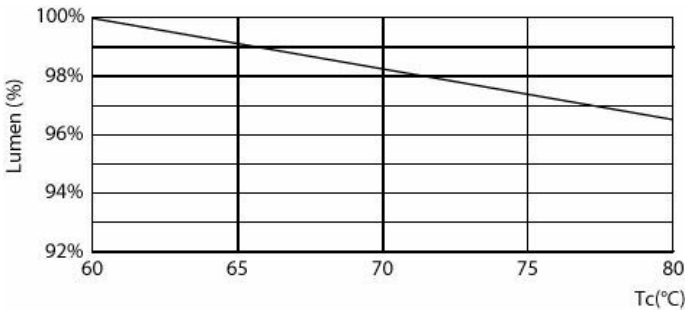
Life Expectancy Diagram



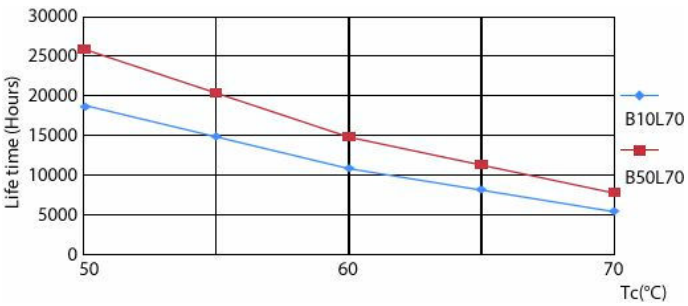
Life Expectancy Diagram



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL



Lumen Maintenance Diagram - Ecofit LEDtube 1200mm HO+ 25W 840 T8 SL



Life Expectancy Diagram

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-Ecofit-LED-tubes-T8-COMF-6979505-Ref-929004263811-update-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	Ecofit-LEDtube-1200mm-HO-25W-840-T8-SL-9290042637-IES.ies	Download

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