PHILIPS

22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1



929001283934

LEDtube, T5, 1200 mm, 22.5 W, 4000 K, 3500 lm, 50000 hour(s)

LEDtube, T5, 1200 mm, 22.5 W, 4000 K, 3500 lm, 50000 hour(s), 155 lm/W, G5, Plastic, 0 %

General Information

Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	3,500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	155 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Input Frequency	40K to 80K Hz
Power Consumption	22.5 W
Lamp Current (Max)	600 mA
Lamp Current (Min)	400 mA
Wattage Equivalent	54 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	39-64 V
UL Type	UL Type A

Temperature

T-Case Maximum (Nom)	65 °C

Controls and Dimming

Dimmable	Yes - Check ballast compatibility

Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T5
Net Weight (Piece)	0.175 kg

Approval and Application

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

Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

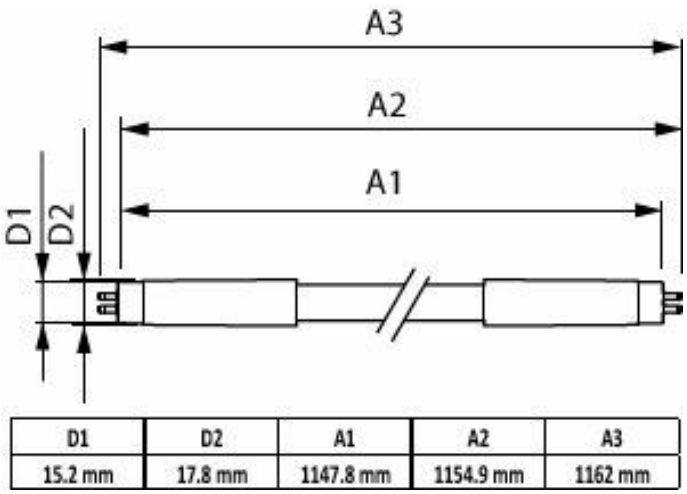
Sustainability Data

Product non-virgin material ratio	0 %

Product Data

Order product name	22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1
Full product name	22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1
Order code	929001283934
Material Nr. (12NC)	929001283934
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677611545
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677611540

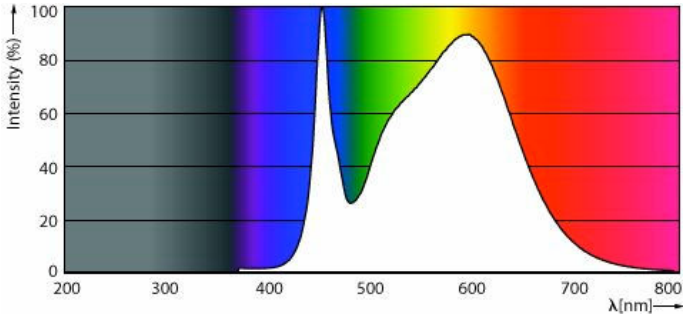
Dimensional drawing



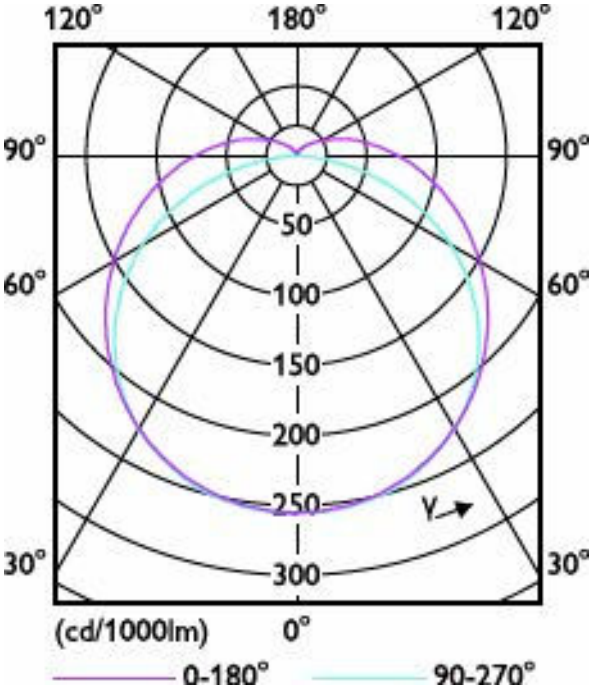
D1	D2	A1	A2	A3
15.2 mm	17.8 mm	1147.8 mm	1154.9 mm	1162 mm

Product	D1	D2	A1	A2	A3
22.5T5HO/MAS/ 46-840/IF35/P/DIM 25/1	15.2 mm	17.8 mm	1,147.8 mm	1,154.9 mm	1,162 mm

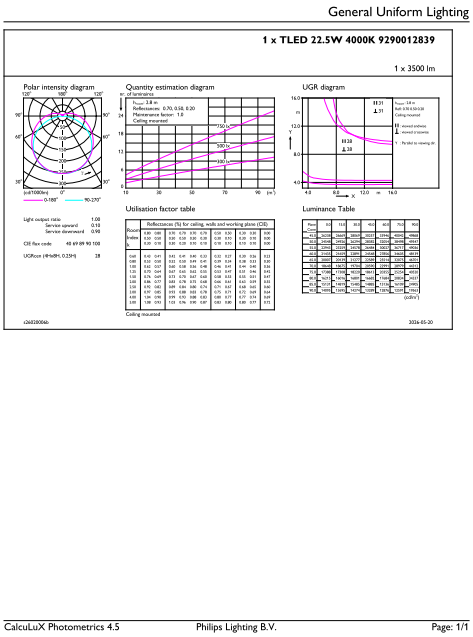
Photometric data



Spectral Power Distribution Colour - 22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1



Light Distribution Diagram - 22.5T5HO/MAS/46-840/IF35/P/DIM 25/1


General Uniform Lighting

1 x TLED 22.5W 4000K 9290012839

1 x 3500 lm

Polar intensity diagram

Quantity estimation diagram

UGR diagram

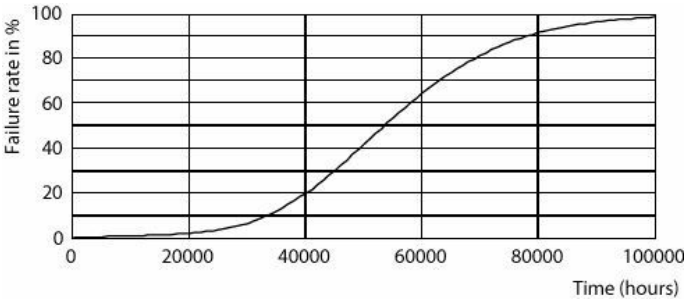
Utilisation factor table

Luminance Table

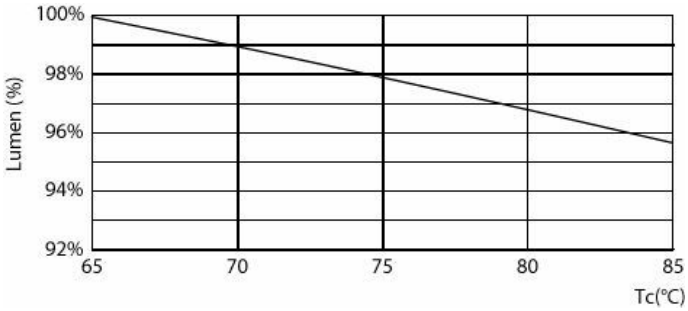
CalcuLuX Photometrics 4.5 Philips Lighting B.V. Page: 1/1

General uniform lighting - 22.5T5HO/MAS/46-840/IF35/P/DIM 25/1

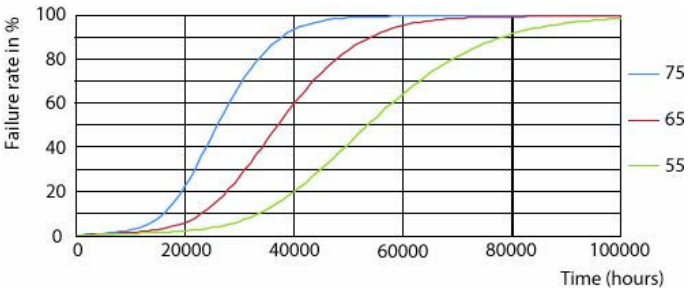
Lifetime



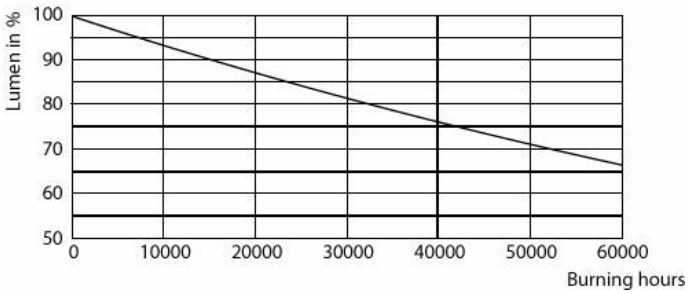
Life Expectancy Diagram



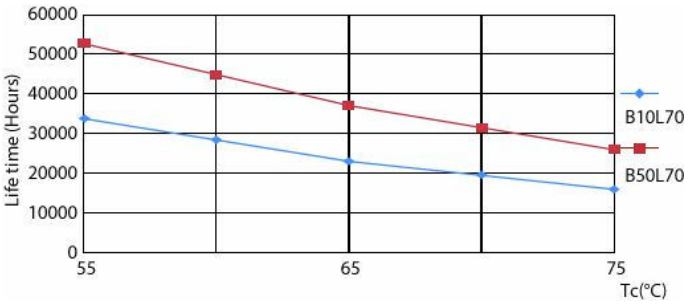
Lumen Maintenance Diagram - 22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1



FailureRate



Lumen Maintenance Diagram - 22.5T5HO/MAS/46-840/ IF35/P/DIM 25/1



LifetimeVsTc

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-InstantFit-UL-Type-A-T5-COMF-9434993-Ref-929001283934-EPD.pdf	Download

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