

**15.5T8/MAS/48-840/
IF25/P/DIM 25/1**

929002016404



MasterClass, LEDtube, T8, 1200 mm, 15.5 W, 4000 K, 2500 lm, 70000 hour(s)

MasterClass, LEDtube, T8, 1200 mm, 15.5 W, 4000 K, 2500 lm, 70000 hour(s), 161 lm/W, G13, Plastic

General Information

Cap-Base	G13
Nominal lifetime	70,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube

Light Technical

Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	2,500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	20K to 120K Hz
Input Frequency	20K to 120K Hz
Power Consumption	15.5 W
Lamp Current (Max)	320 mA
Lamp Current (Min)	60 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277,347 V
UL Type	UL Type A

Temperature

T-Case Maximum (Nom)	40 °C
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Plastic
Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.165 kg

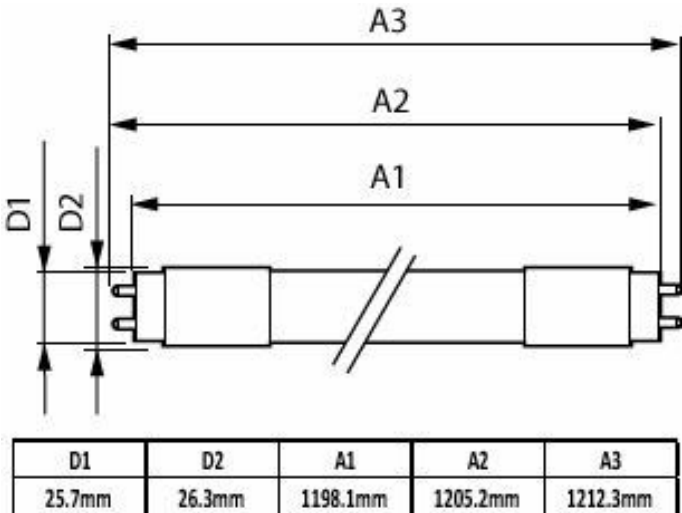
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 55 °C

Application Conditions

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

Dimensional drawing

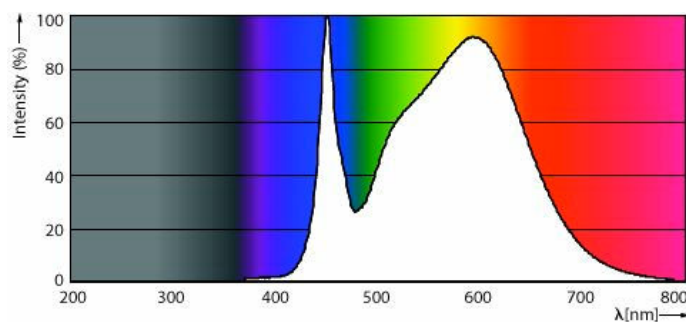
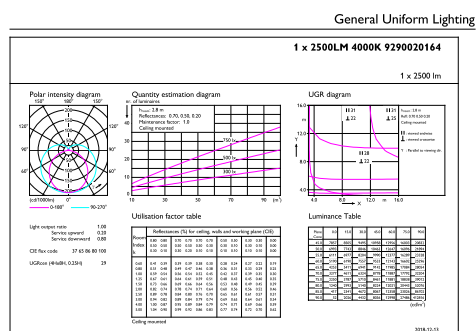


Product Data

Order product name	15.5T8/MAS/48-840/IF25/P/DIM 25/1
Full product name	15.5T8/MAS/48-840/IF25/P/DIM 25/1
Order code	929002016404
Material Nr. (12NC)	929002016404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677545192
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677545197

Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-840/IF25/P/DIM 25/1	25.7 mm	26.3 mm	1,198.1 mm	1,205.2 mm	1,212.3 mm

Photometric data



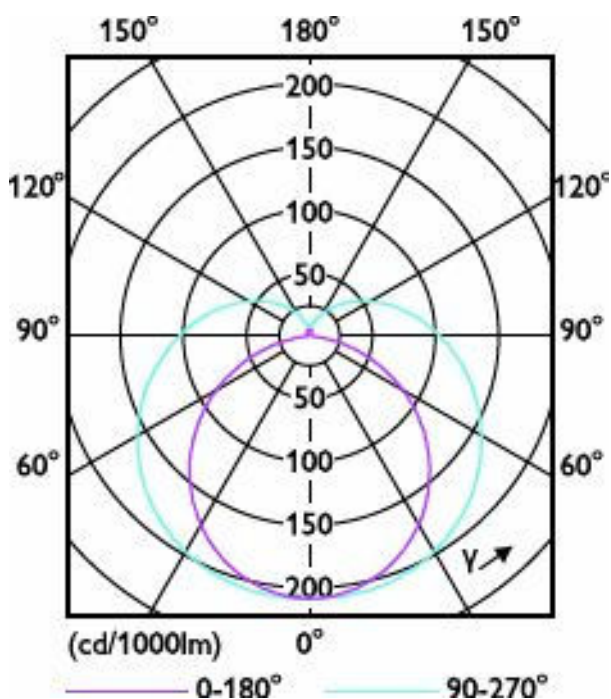
Spectral Power Distribution Colour - 15.5T8/MAS/48-840/
IF25/P/DIM 25/1

CalcuLuX Photometrics 4.5

Philips Lighting B.V.

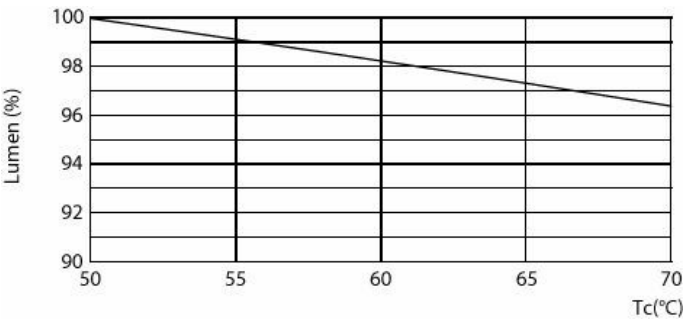
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General uniform lighting - 15.5T8/MAS/48-840/IF25/P/DIM 25/1

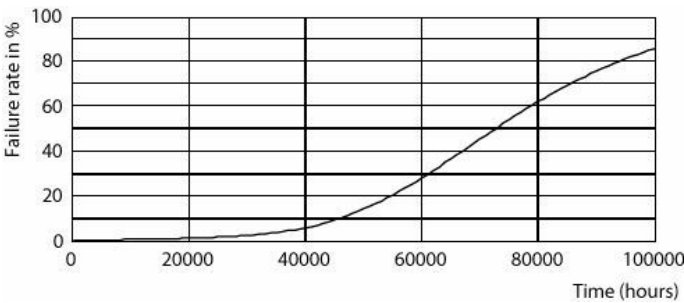


Light Distribution Diagram - 15.5T8/MAS/48-840/IF25/P/DIM
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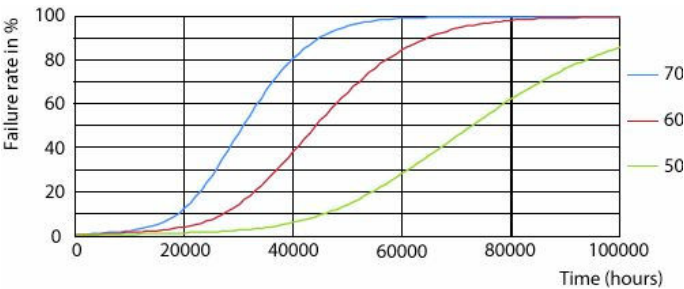
Lifetime



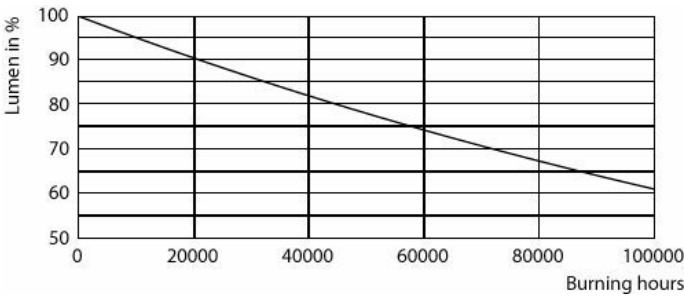
Lumen Maintenance Diagram - 15.5T8/MAS/48-840/IF25/P/DIM 25/1



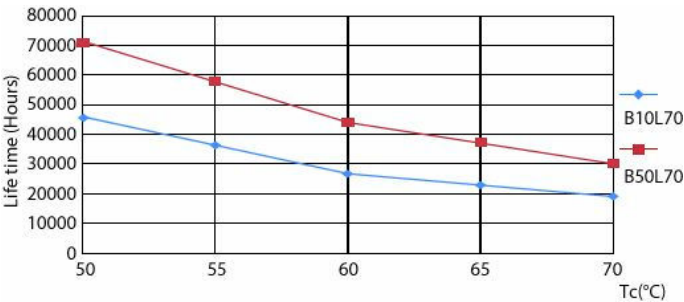
LEDtube 15,5W G13 T8



LEDtube 15,5W G13 T8 FailureRate



Lumen Maintenance Diagram - 15.5T8/MAS/48-840/IF25/P/DIM 25/1



LEDtube 15,5W G13 T8 LifetimeVsTc

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	TLED-Type-A-T8T5PLLubent-8FT-Class-A-QIG-online-INI.pdf	Download
Environmental Product Declaration	Philips-MasterClass-InstantFit-UL-Type-A-T8-COMF-9434998-Ref-929001397834-EPD.pdf	Download
Photometry and lighting design	Document Name	Download
IES File	LEDtube_15,5W_G13_T8_840-IES.IES	Download

