

7T8/MAS/24-850/
IF11/P/DIM 10/1

929001987204



MasterClass, LEDtube, T8, 600 mm, 7 W, 5000 K, 1200 lm, 70000 hour(s)

MasterClass, LEDtube, T8, 600 mm, 7 W, 5000 K, 1200 lm, 70000 hour(s), 171 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	850 [CCT of 5000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	1,200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	171 lm/W
Color Consistency	<5
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	7 W
Lamp Current (Max)	240 mA
Lamp Current (Min)	50 mA
Wattage Equivalent	17 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	600 mm
Bulb Shape	T8
Net Weight (Piece)	0.090 kg

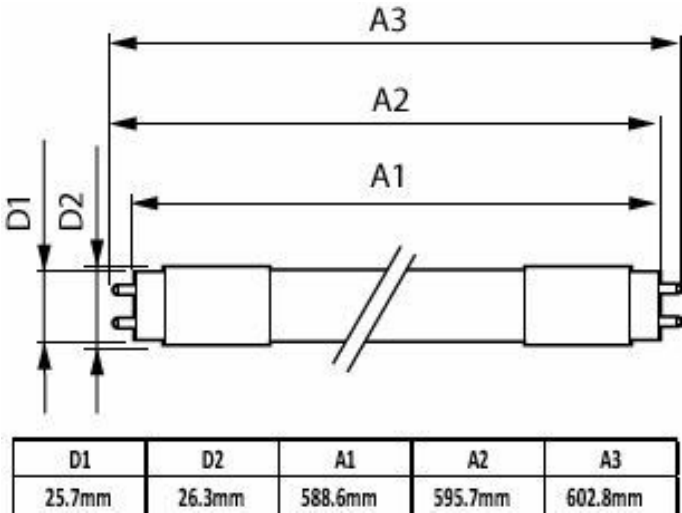
Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance
Energy Certifications	DLC Standard
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

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

Dimensional drawing

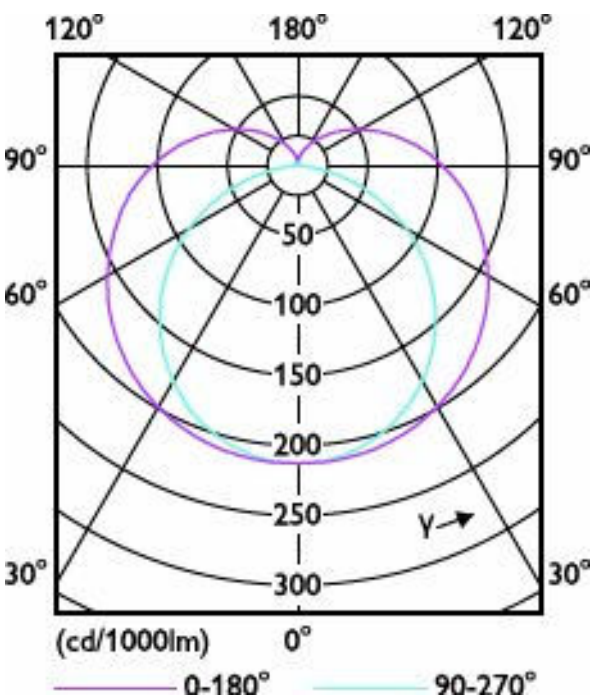
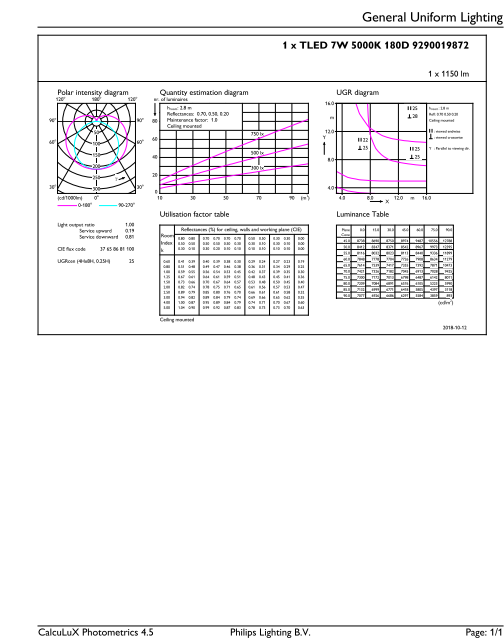


Product Data

Order product name	7T8/MAS/24-850/IF11/P/DIM 10/1
Full product name	7T8/MAS/24-850/IF11/P/DIM 10/1
Order code	929001987204
Material Nr. (12NC)	929001987204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677541842
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677541847

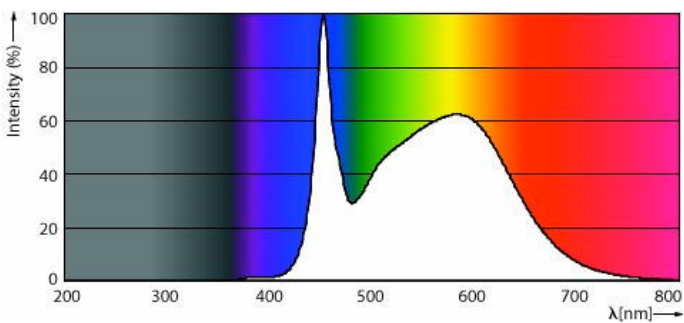
Product	D1	D2	A1	A2	A3
7T8/MAS/24-850/IF11/P/DIM 10/1	25.7 mm	26.3 mm	588.6 mm	595.7 mm	602.8 mm

Photometric data



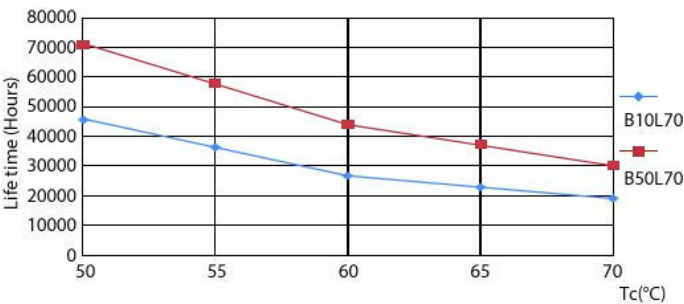
General uniform lighting - 7T8/MAS/24-850/IF11/P/DIM 10/1

Light Distribution Diagram - 7T8/MAS/24-850/IF11/P/DIM 10/1

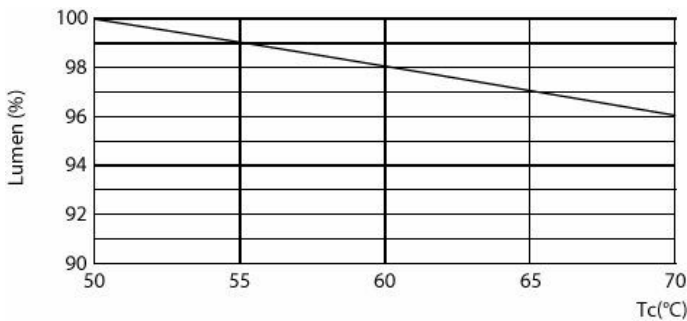


Spectral Power Distribution Colour - 7T8/MAS/24-850/IF11/P/DIM 10/1

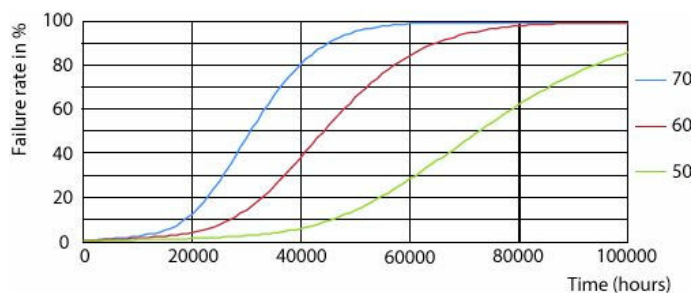
Lifetime



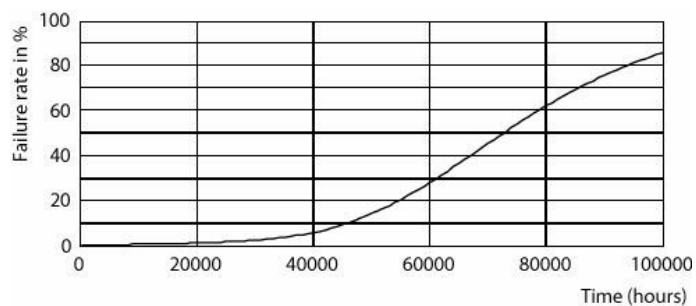
G13 4000K



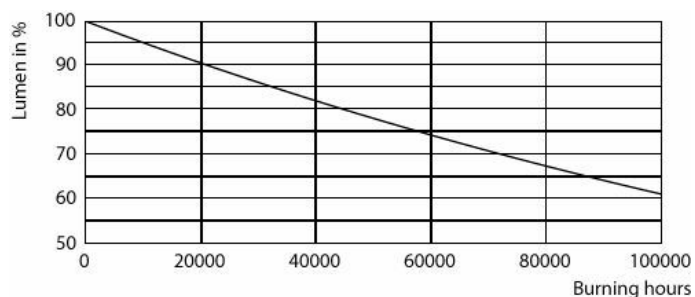
Lumen Maintenance Diagram - 7T8/MAS/24-850/IF11/P/DIM 10/1



G13 4000K



G13 4000K



Lumen Maintenance Diagram - 7T8/MAS/24-850/IF11/P/DIM 10/1

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-929001987104-EPD.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	LEDtube_G13_5000K_1150lm-IES.IES	Download 