

MasterClass MainsFit (UL Type-B) T8

8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

MasterClass, LEDtube, T8, 1200 mm, 8.4 W, 4000 K, 1600 lm, 50000 hour(s)

MasterClass, LEDtube, T8, 1200 mm, 8.4 W, 4000 K, 1600 lm, 50000 hour(s), 190 lm/W, G13, Glass, 0 %

Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	1,600 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	190 lm/W
Color Consistency	6SCDM
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Operating and Electrical	
Input Frequency	50 to 60 Hz

Power Consumption	8.4 W
Lamp Current (Max)	95 mA
Lamp Current (Min)	36 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 V
UL Type	UL Type B
Temperature	
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass

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Product Length	1,200 mm
Bulb Shape	T8
Net Weight (Piece)	0.200 kg

Approval and Application

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

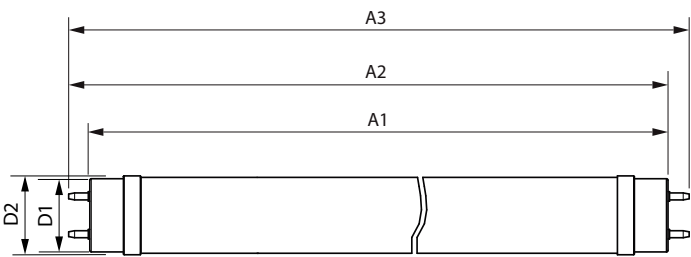
Application Conditions

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

Sustainability Data	
Product non-virgin material ratio	0 %

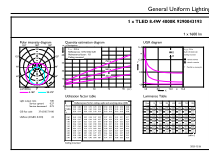
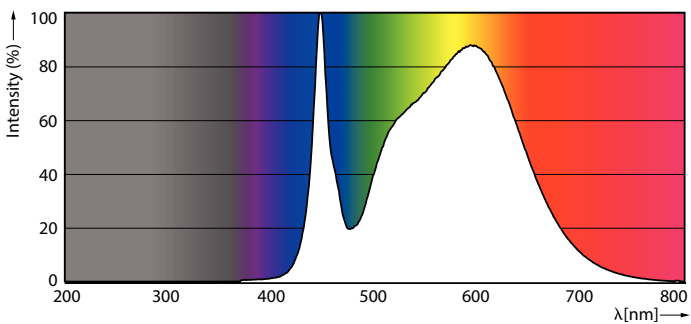
Product Data	
Order product name	8.4T8/MAS/48-840/MF16/G/DIM UE 25/1
Full product name	8.4T8/MAS/48-840/MF16/G/DIM UE 25/1
Order code	929004319304
Material Nr. (12NC)	929004319304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677610258
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677610253

Dimensional drawing



Product	D1	D2	A1	A2	A3
8.4T8/MAS/48-840/MF16/G/DIM UE 25/1	25.7 mm	27.9 mm	1,199.4 mm	1,206.5 mm	1,213.6 mm

Photometric data

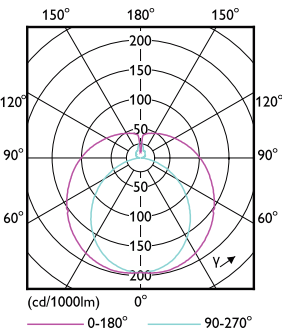


Spectral Power Distribution Colour - 8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

General uniform lighting - 8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

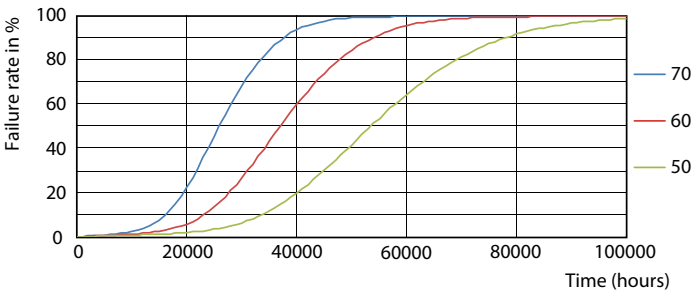
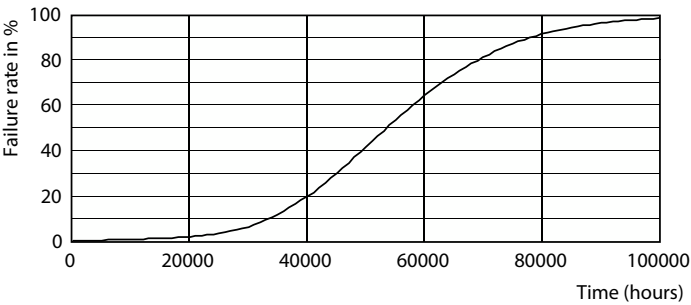
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Photometric data

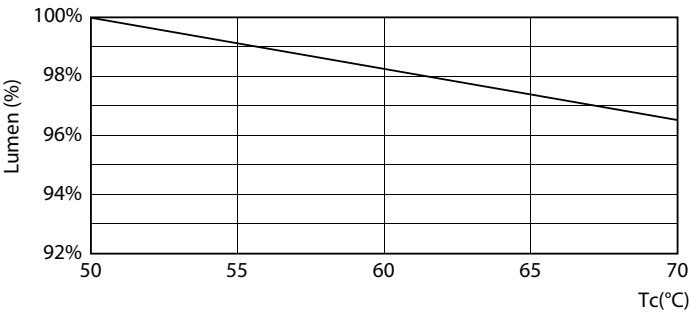


Light Distribution Diagram - 8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

Lifetime

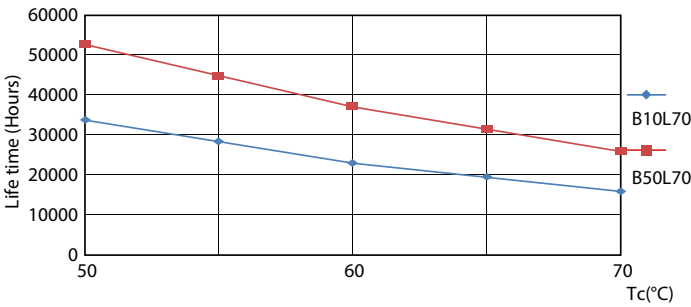


Life Expectancy Diagram



Lumen Maintenance Diagram - 8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

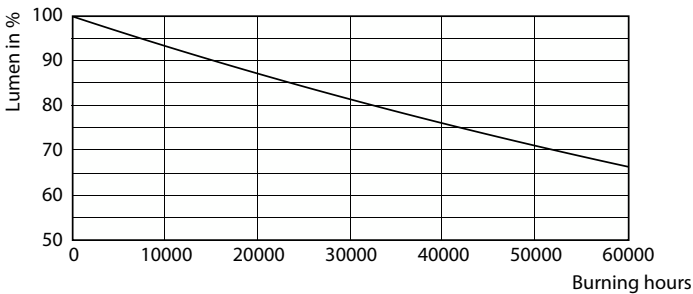
FailureRate



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - 8.4T8/MAS/48-840/MF16/G/DIM UE 25/1

