



MasterClass InstantFit (UL Type-A) T8

10.9T8/MAS/48-840/IF21/G/DIM UE 25/1

MasterClass, LEDtube, T8, 47-1/4 inch, 10.9 W, 4000 K, 2100 lm, 50000 hour(s)

MasterClass, LEDtube, T8, 47-1/4 inch, 10.9 W, 4000 K, 2100 lm, 50000 hour(s), 192 lm/W, G13, Glass

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	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	192 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

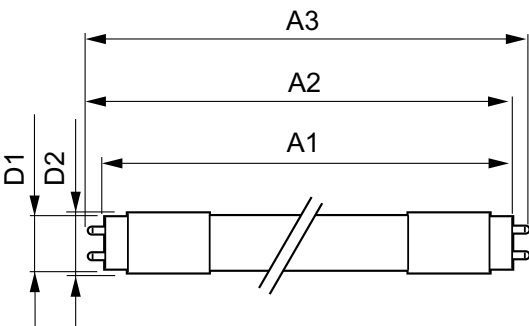
LLMF At End Of Nominal Lifetime (Nom) 70 %	
Operating and Electrical	
Input Frequency	25K to 105K Hz
Power Consumption	10.9 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	80 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	UL Type A

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Temperature	
T-Case Maximum (Nom)	104 °F
Controls and Dimming	
Dimmable	Yes - Check ballast compatibility
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.441 lb
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
EU RoHS compliant	Yes

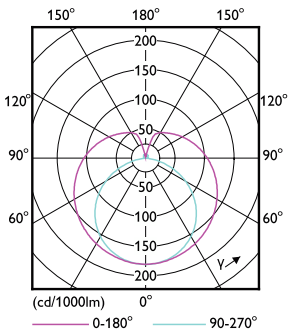
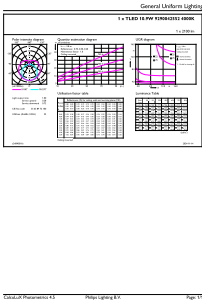
Ambient temperature range	-4 to +113 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	10.9T8/MAS/48-840/IF21/G/DIM UE 25/1
Full product name	10.9T8/MAS/48-840/IF21/G/DIM UE 25/1
Order code	605150
Material Nr. (12NC)	929004255204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677605155
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677605150

Dimensional drawing



Product	D1	D2	A1	A2	A3
10.9T8/MAS/48-840/IF21/G/DIM UE 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data

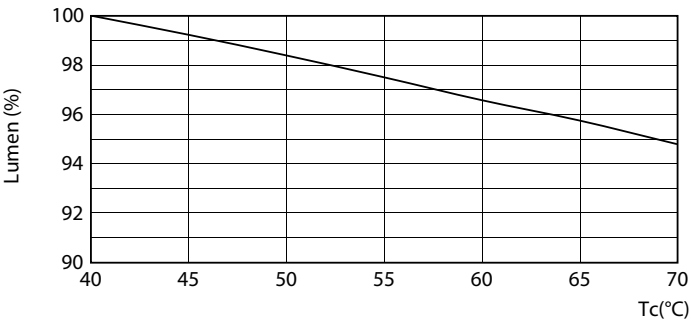


General uniform lighting - 10.9T8/MAS/48-840/IF21/G/DIM UE 25/1

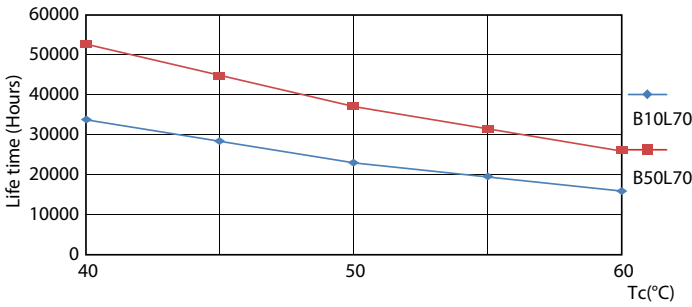
Light Distribution Diagram - 10.9T8/MAS/48-840/IF21/G/DIM UE 25/1

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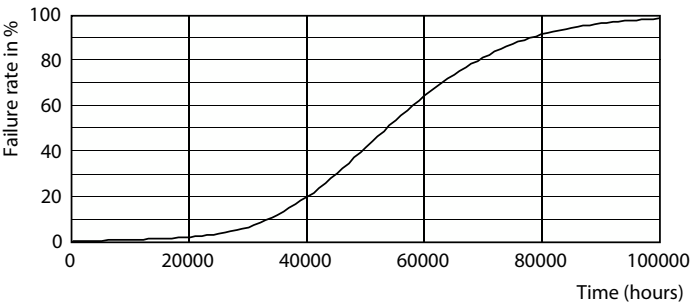
Lifetime



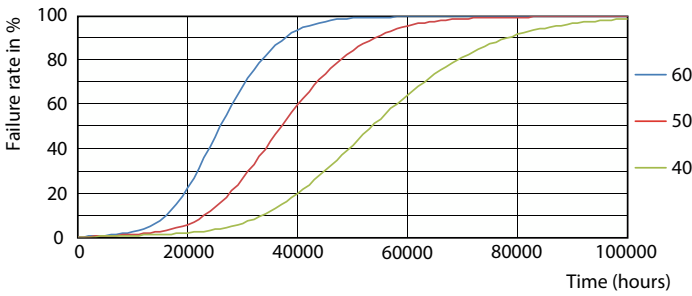
Lumen Maintenance Diagram - 10.9T8/MAS/48-840/IF21/G/DIM UE 25/1



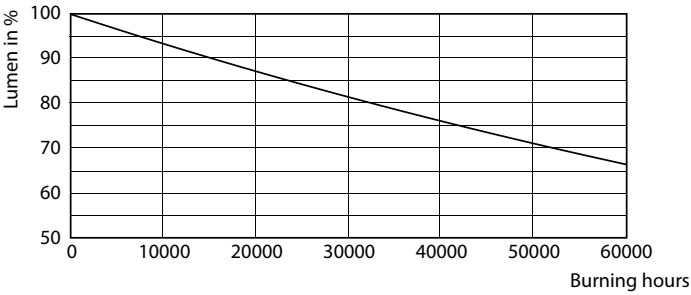
LifetimeVsTc



Life Expectancy Diagram



FailureRate



Lumen Maintenance Diagram - 10.9T8/MAS/48-840/IF21/G/DIM UE 25/1

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