

CorePro MainsFit (UL Type-B) T8

12T8/COR/48-835/MF17/G/DIM 25/1

CorePro, LEDtube, T8, 47-1/4 inch, 12 W, 3500 K, 1700 lm, 50000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 12 W, 3500 K, 1700 lm, 50000 hour(s), 141.00 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	835 [CCT of 3500K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	1,700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3500 K
Luminous Efficacy (rated) (Nom)	141.00 lm/W
Color Consistency	6SCDM
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	12 W
Lamp Current (Max)	104 mA
Lamp Current (Min)	48 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)	158 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted

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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 °F to 113 °F

Application Conditions

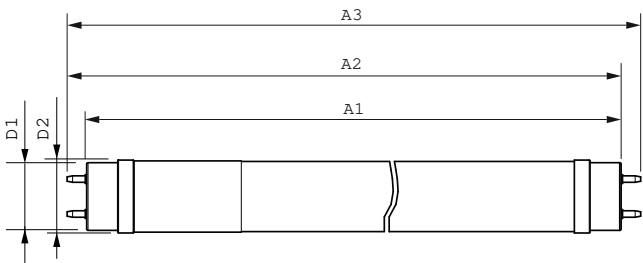
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

Order product name	12T8/COR/48-835/MF17/G/DIM 25/1
Full product name	12T8/COR/48-835/MF17/G/DIM 25/1
Order code	579359
Material Nr. (12NC)	929003524204
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579357
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677579352

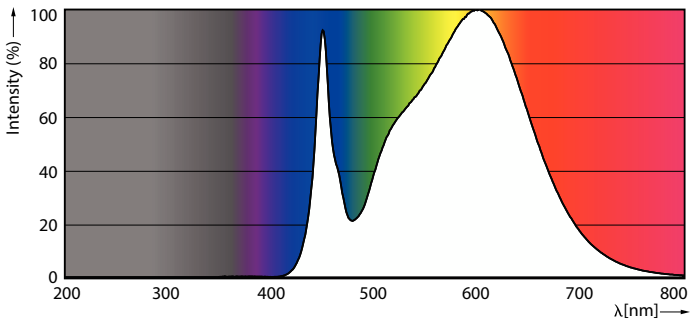
Dimensional drawing



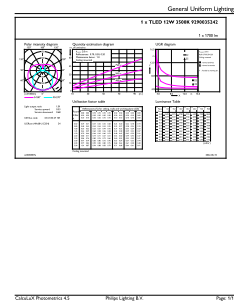
D1	D2	A1	A2	A3
25.7mm	28mm	1198.2mm	1205.3mm	1212.4mm

Product	D1	D2	A1	A2	A3
12T8/COR/48-835/MF17/G/DIM 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



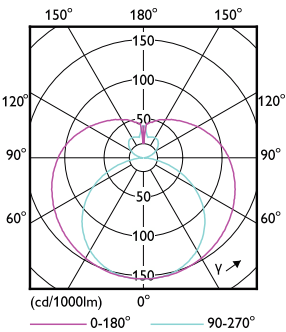
Spectral Power Distribution Colour - 12T8/COR/48-835/MF17/G/DIM 25/1



General uniform lighting - 12T8/COR/48-835/MF17/G/DIM 25/1

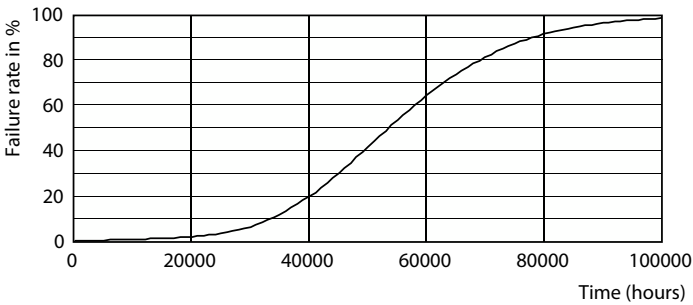
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Photometric data

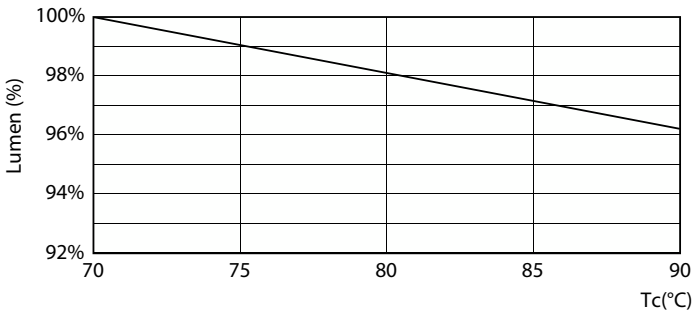


Light Distribution Diagram - 12T8/COR/48-835/MF17/G/DIM 25/1

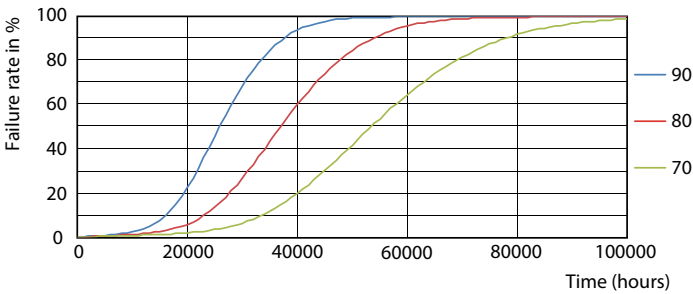
Lifetime



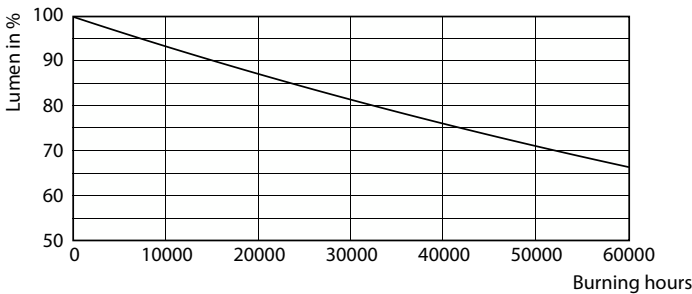
Life Expectancy Diagram



Lumen Maintenance Diagram - 12T8/COR/48-835/MF17/G/DIM 25/1



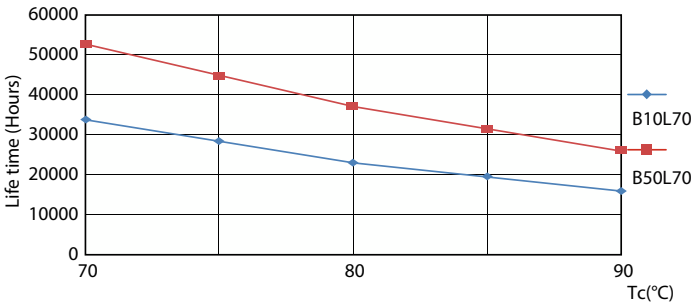
LEDtube 50K 7090 FailureRate-LED



Lumen Maintenance Diagram - 12T8/COR/48-835/MF17/G/DIM 25/1

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Lifetime



LifetimeVsTc

