

DC-Fit (UL Type-C) T8

10T8/COR/48-850/DF16/G/DIM UL-C 25/1

CorePro, LEDtube, T8, 47-1/4 inch, 10 W, 14 W, 5000 K, 1600 lm, 2100 lm, 70000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 10 W, 14 W, 5000 K, 1600 lm, 2100 lm, 70000 hour(s), 150 lm/W, G13, Glass

Product data

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)	220 degree(s)
Luminous Flux	1,600 2,100 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color Consistency	<5
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	- Hz
Power Consumption	10 14 W
Lamp Current (Max)	430 mA

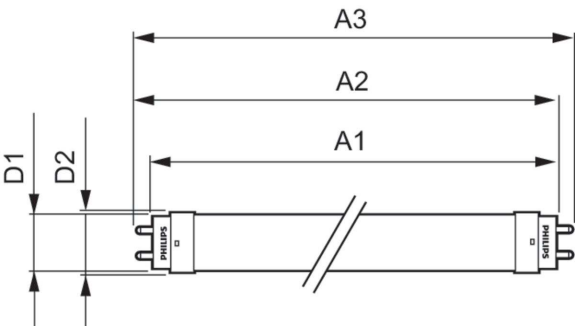
Lamp Current (Min)	150 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	38-46 V
UL Type	UL Type C
Temperature	
T-Case Maximum (Nom)	122 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.441 lb

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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

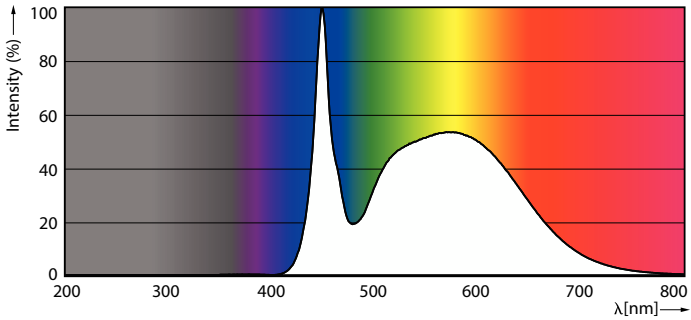
Product Data	
Order product name	10T8/COR/48-850/DF16/G/DIM UL-C 25/1
Full product name	10T8/COR/48-850/DF16/G/DIM UL-C 25/1
Order code	583996
Material Nr. (12NC)	929003651804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677583996
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677583991

Dimensional drawing

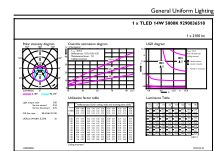


Product	D1	D2	A1	A2	A3
10T8/COR/48-850/ DF16/G/DIM UL-C 25/1	1-1/16 inch	1-1/16 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



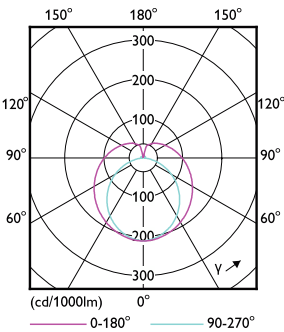
Spectral Power Distribution Colour - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



General uniform lighting - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1

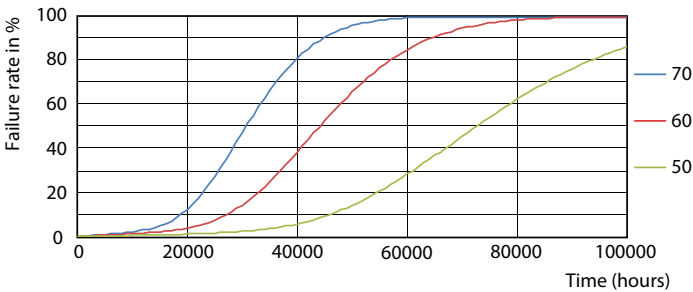
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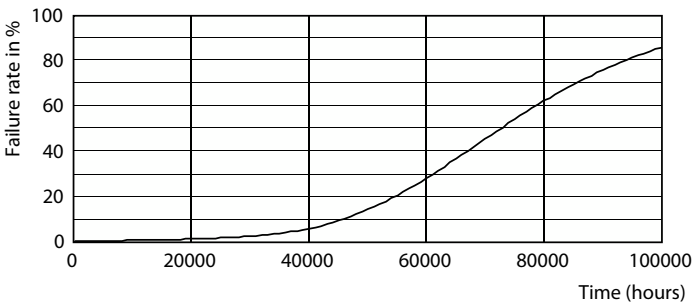


Light Distribution Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1

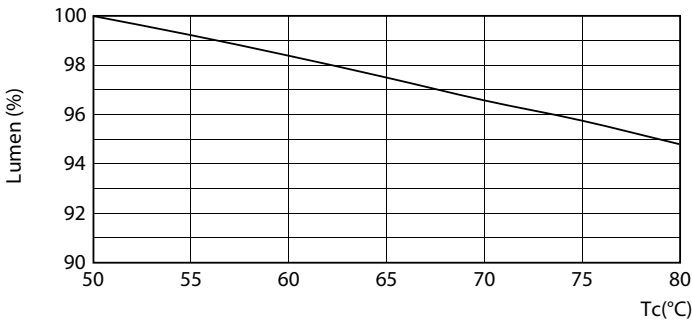
Lifetime



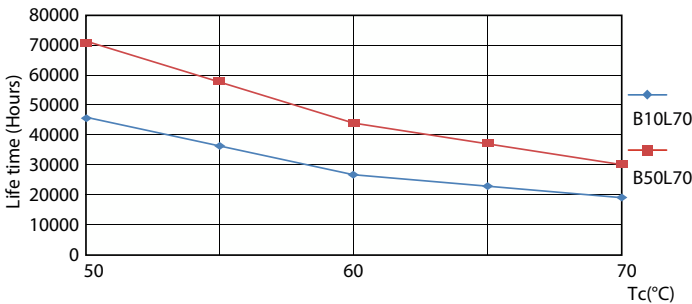
LEDtube 70K 5070 FailureRate-LED



Life Expectancy Diagram



Lumen Maintenance Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1



LEDtube 70K 5070 LifetimeVsTc-LED

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Lifetime



Lumen Maintenance Diagram - 10T8/COR/48-850/DF16/G/DIM UL-C 25/1

