



Corepro InstantFit (UL Type-A) T8

10T8/COR/48-840/IF16/G/DIM 10/1

CorePro, LEDtube, T8, 47-1/4 inch, 10 W, 4000 K, 1600 lm, 70000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 10 W, 4000 K, 1600 lm, 70000 hour(s), 160.00 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	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)	160.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	25000-105000 Hz

Input Frequency	25000-105000 Hz
Power Consumption	10 W
Lamp Current (Max)	260 mA
Lamp Current (Min)	100 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, 347 V
UL Type	UL Type A
Temperature	
T-Case Maximum (Nom)	122 °F
Controls and Dimming	
Dimmable	Yes
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)	0.507 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

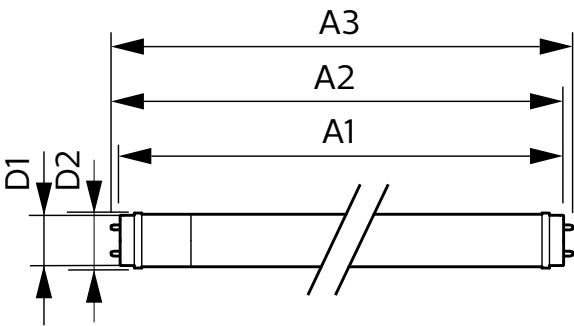
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

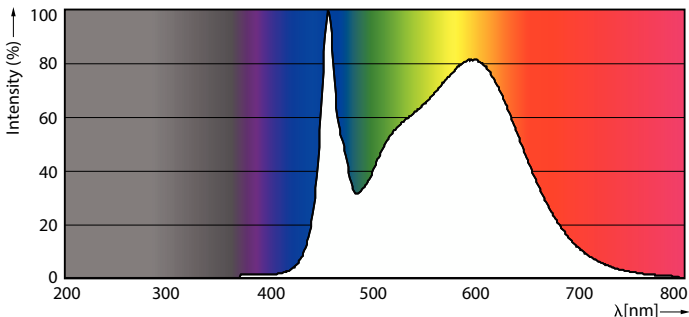
Order product name	10T8/COR/48-840/IF16/G/DIM 10/1
Full product name	10T8/COR/48-840/IF16/G/DIM 10/1
Order code	553230
Material Nr. (12NC)	929001991734
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677553234
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677553239

Dimensional drawing

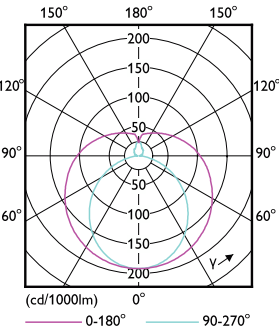


Product	D1	D2	A1	A2	A3
10T8/COR/48-840/IF16/G/DIM 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



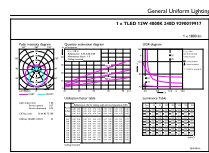
Spectral Power Distribution Colour - 10T8/COR/48-840/IF16/G/DIM 10/1



Light Distribution Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

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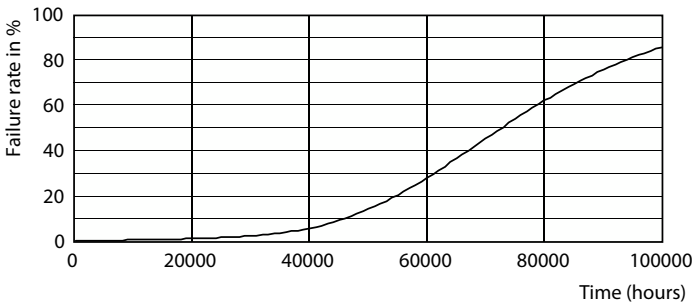
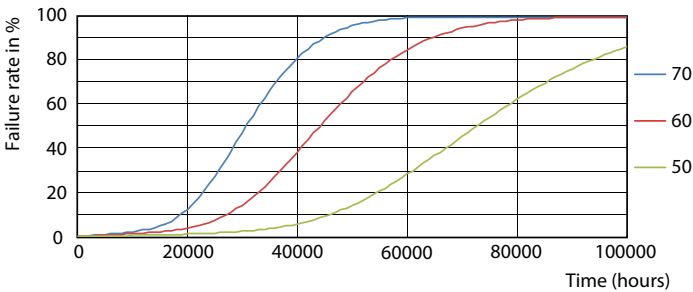
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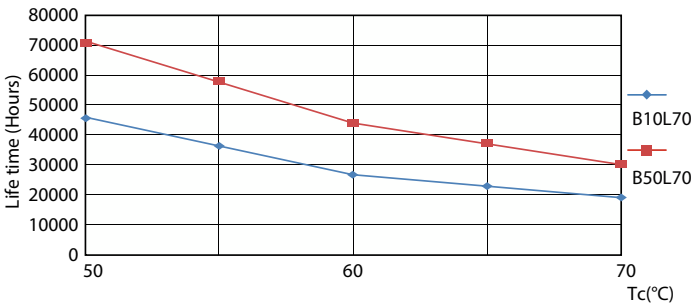
General Photometric Data
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General uniform lighting - 10T8/COR/48-840/IF16/G/DIM 10/1

Lifetime

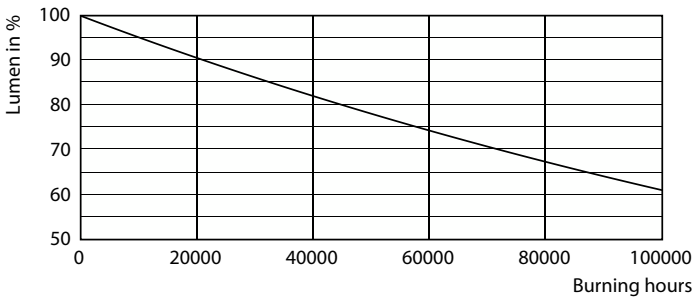


LEDtube 70K 5070 FailureRate-LED



LEDtube 70K 5070 LifetimeVsTc-LED

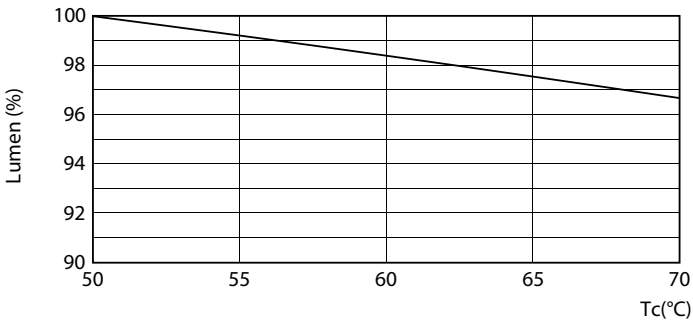
Life Expectancy Diagram



Lumen Maintenance Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

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Lifetime



Lumen Maintenance Diagram - 10T8/COR/48-840/IF16/G/DIM 10/1

