

Corepro InstantFit (UL Type-A) T8

14T8/COR/48-835/IF20/G/DIM 10/1

CorePro, LEDtube, T8, 47-1/4 inch, 14 W, 3500 K, 2000 lm, 70000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 14 W, 3500 K, 2000 lm, 70000 hour(s), 142.86 lm/W, G13, Glass

Product data

General Information		Input Frequency	
Cap-Base	G13	Power Consumption	14 W
Nominal lifetime	70,000 hour(s)	Lamp Current (Max)	260 mA
Switching Cycle	50,000	Lamp Current (Min)	100 mA
Lighting Technology	LEDtube	Wattage Equivalent	32 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	835 [CCT of 3500K]	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	220 degree(s)	Power Factor (Fraction)	0.9
Luminous Flux	2,000 lm	Voltage (Nom)	120-277, 347 V
Color Designation	White (WH)	UL Type	UL Type A
Correlated Color Temperature (Nom)	3500 K	Temperature	
Luminous Efficacy (rated) (Nom)	142.86 lm/W	T-Case Maximum (Nom)	122 °F
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	82	Dimmable	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Operating and Electrical		Bulb Finish	Frosted
Line Frequency	25000-105000 Hz		

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Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.474 lb

Approval and Application

Energy Saving Product	Yes
Approval Marks	UL certificate RoHS compliance DLC compliance
Energy Certifications	DLC Standard
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions

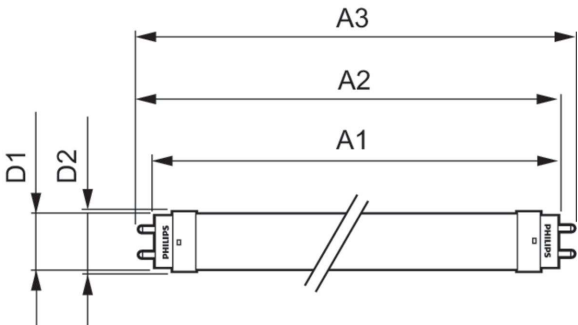
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

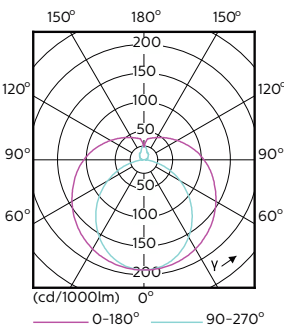
Order product name	14T8/COR/48-835/IF20/G/DIM 10/1
Full product name	14T8/COR/48-835/IF20/G/DIM 10/1
Order code	470104
Material Nr. (12NC)	929001343134
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677452759
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677470109

Dimensional drawing

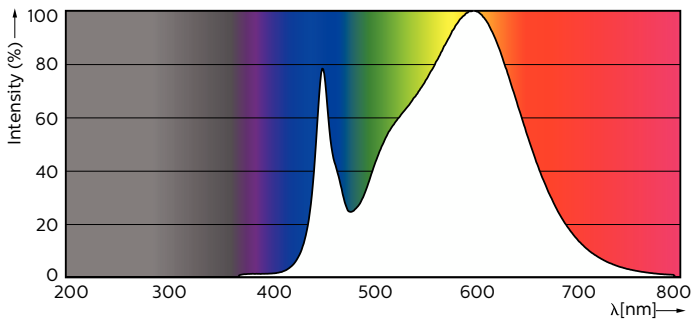


Product	D1	D2	A1	A2	A3
14T8/COR/48-835/IF20/G/DIM 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data



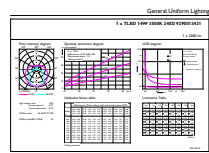
Light Distribution Diagram - 14T8/COR/48-835/IF20/G/DIM 10/1



Spectral Power Distribution Colour - 14T8/COR/48-835/IF20/G/DIM 10/1

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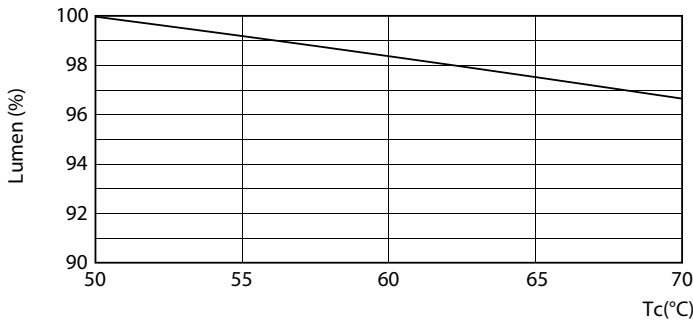
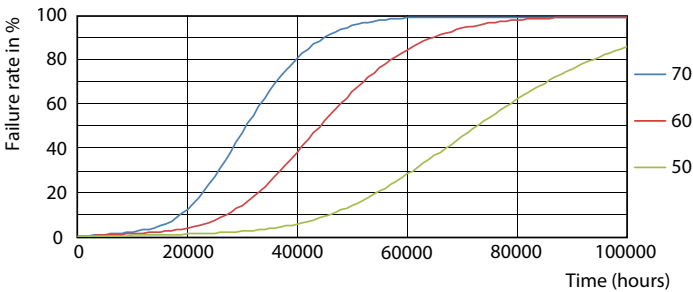
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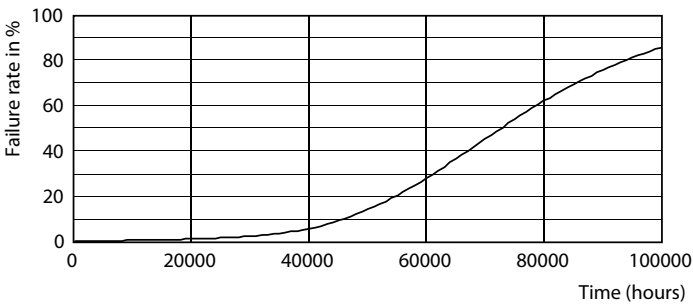
General Uniform Lighting 14T8 14W 5070 2400 2400 2400 Page 17

General uniform lighting - 14T8/COR/48-835/IF20/G/DIM 10/1

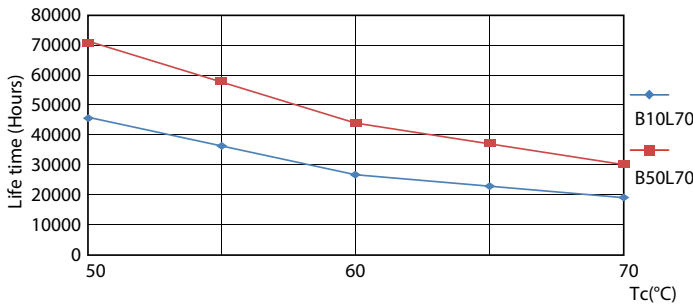
Lifetime



LEDtube 70K 5070 FailureRate-LED



Lumen Maintenance Diagram - 14T8/COR/48-835/IF20/G/DIM 10/1

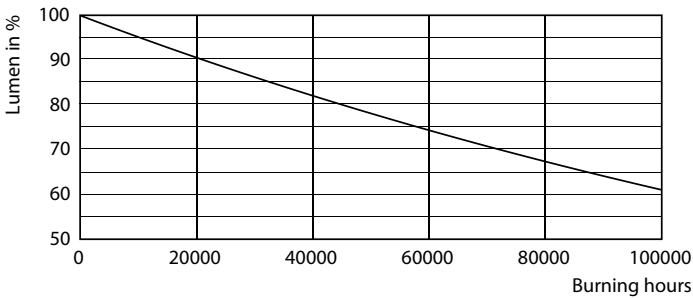


Life Expectancy Diagram

LEDtube 70K 5070 LifetimeVsTc-LED

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Lifetime



Lumen Maintenance Diagram - 14T8/COR/48-835/IF20/G/DIM 10/1

