



Corepro InstantFit (UL Type-A) T8

28T8/COR/96-840/IF42/G/FA8 10/1

CorePro, LEDtube, T8, 94-1/2 inch, 28 W, 4000 K, 4200 lm, 50000 hour(s)

CorePro, LEDtube, T8, 94-1/2 inch, 28 W, 4000 K, 4200 lm, 50000 hour(s), 150.00 lm/W, FA8, Glass

Product data

General Information	
Cap-Base	FA8
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	4,200 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	ANSI
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	35K to 150K Hz

Input Frequency	35K to 150K Hz
Power Consumption	28 W
Lamp Current (Max)	400 mA
Lamp Current (Min)	100 mA
Wattage Equivalent	60 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
Temperature	
T-Case Maximum (Nom)	113 °F
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	94-1/2 inch
Bulb Shape	T8
Net Weight (Piece)	0.882 lb

Approval and Application

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

Application Conditions

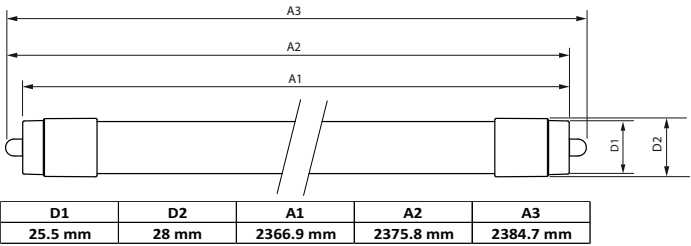
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

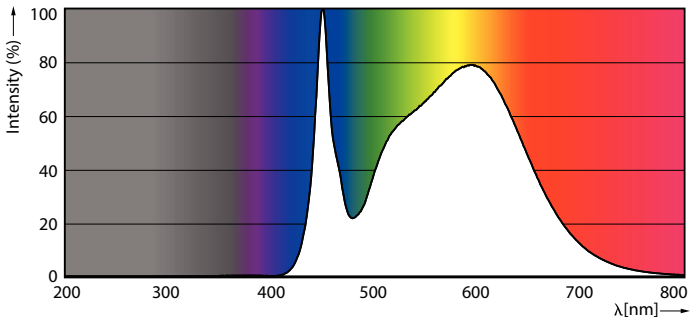
Order product name	28T8/COR/96-840/IF42/G/FA8 10/1
Full product name	28T8/COR/96-840/IF42/G/FA8 10/1
Order code	580290
Material Nr. (12NC)	929003556804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677580292
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677580297

Dimensional drawing

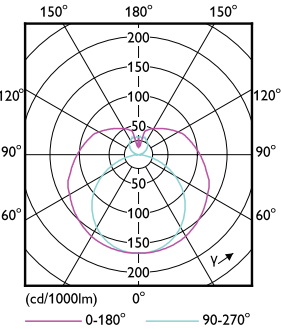


Product	D1	D2	A1	A2	A3
28T8/COR/96-840/IF42/G/FA8 10/1	1-1/16 inch	1-1/8 inch	93-3/16 inch	93-9/16 inch	93-15/16 inch

Photometric data



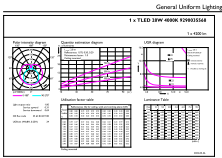
Spectral Power Distribution Colour - 28T8/COR/96-840/IF42/G/FA8 10/1



Light Distribution Diagram - 28T8/COR/96-840/IF42/G/FA8 10/1

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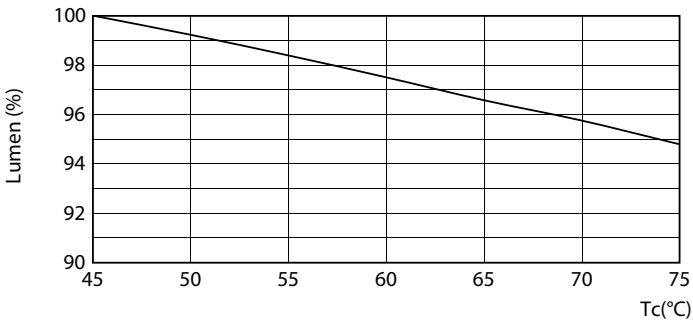
Photometric data



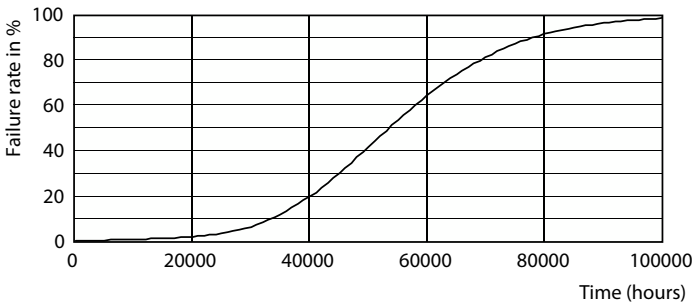
General Uniform Lighting - 28T8/COR/96-840/IF42/G/FA8 10/1

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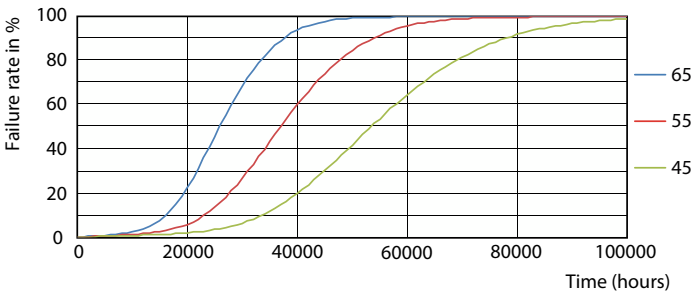
Lifetime



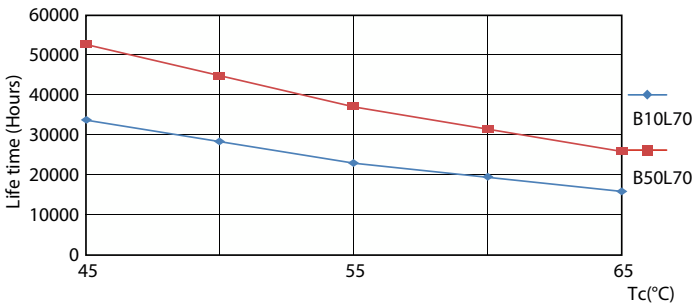
Lumen Maintenance Diagram - 28T8/COR/96-840/IF42/G/FA8 10/1



Life Expectancy Diagram



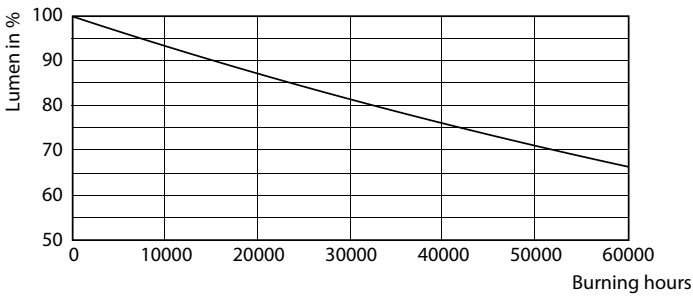
FailureRate



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - 28T8/COR/96-840/IF42/G/FA8 10/1

