

Corepro InstantFit (UL Type-A) T8

28T8/COR/96-850/IF42/G/FA8 10/1

CorePro, LEDtube, T8, 94-1/2 inch, 28 W, 5000 K, 4200 lm, 50000 hour(s)

CorePro, LEDtube, T8, 94-1/2 inch, 28 W, 5000 K, 4200 lm, 50000 hour(s), 150 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	850 [CCT of 5000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	4,200 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	150 lm/W
Color Consistency	ANSI
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
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
Bulb Material	Glass

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

Approval and Application

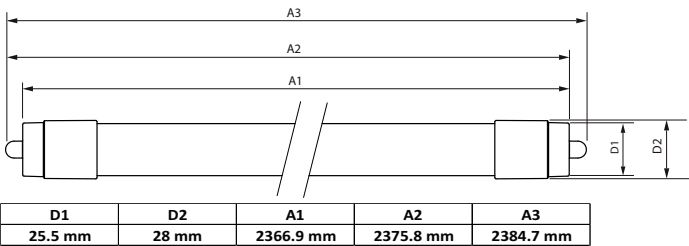
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-4 to +113 °F

Application Conditions

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

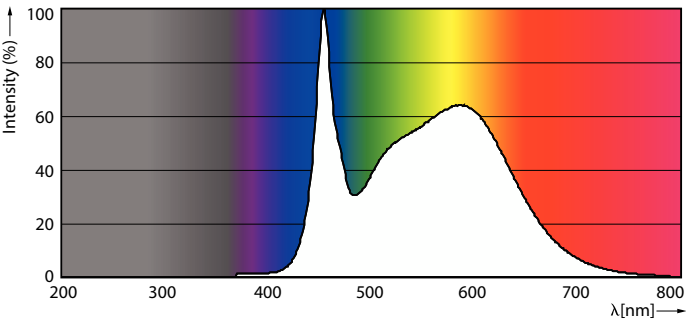
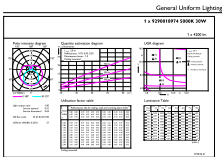
Product Data	
Order product name	28T8/COR/96-850/IF42/G/FA8 10/1
Full product name	28T8/COR/96-850/IF42/G/FA8 10/1
Order code	588517
Material Nr. (12NC)	929001897434
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677588519
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677588514

Dimensional drawing



Product	D1	D2	A1	A2	A3
28T8/COR/96-850/ 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

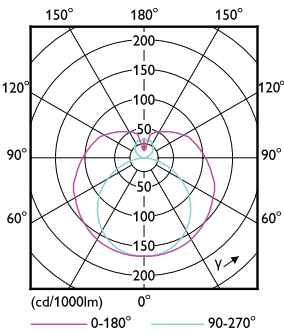


General uniform lighting - 28T8/COR/96-850/IF42/G/FA8 10/1

Spectral Power Distribution Colour - 28T8/COR/96-850/IF42/G/FA8 10/1

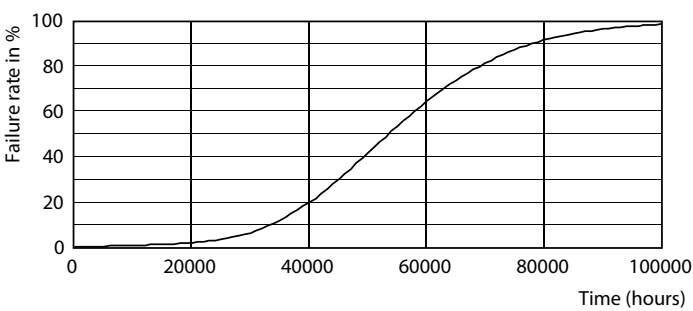
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Photometric data

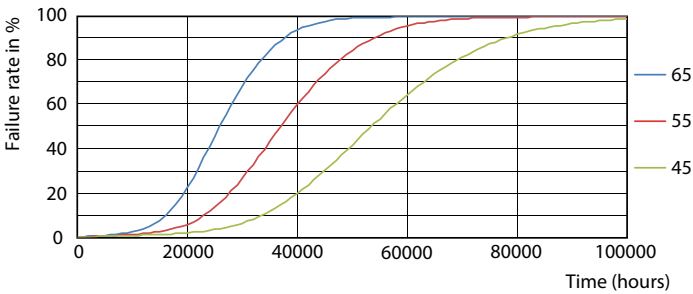


Light Distribution Diagram - 28T8/COR/96-850/IF42/G/FA8 10/1

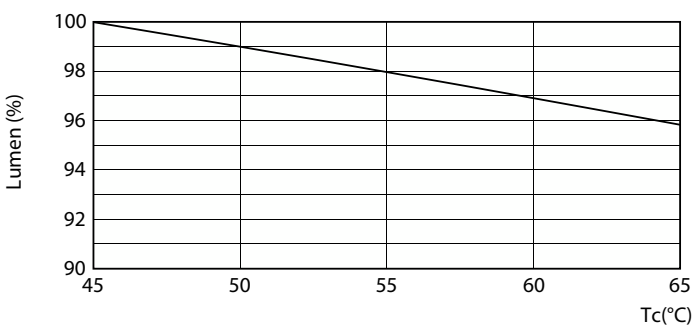
Lifetime



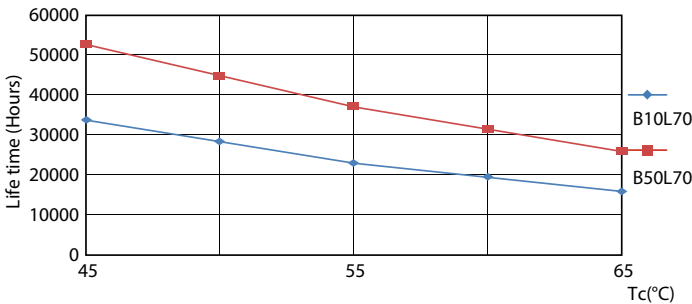
Life Expectancy Diagram



FailureRate



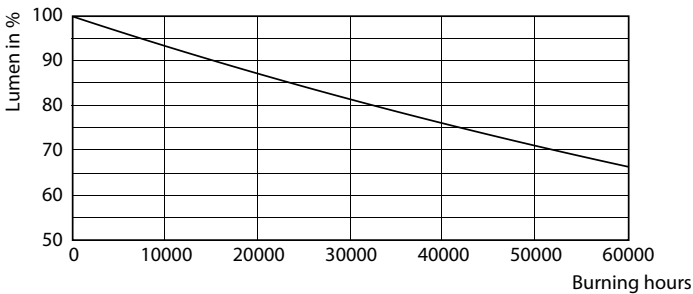
Lumen Maintenance Diagram - 28T8/COR/96-850/IF42/G/FA8 10/1



LifetimeVsTc

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Lifetime



Lumen Maintenance Diagram - 28T8/COR/96-850/IF42/G/FA8 10/1

