



Corepro InstantFit (UL Type-A) T8

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

CorePro, LEDtube, T8, 2400 mm, 28 W, 4000 K, 4200 lm, 50000 hour(s)

CorePro, LEDtube, T8, 2400 mm, 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)	45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	2,400 mm
Bulb Shape	T8
Net Weight (Piece)	0.400 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Application Conditions

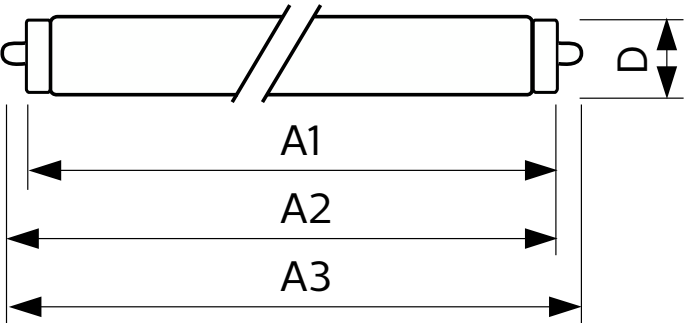
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

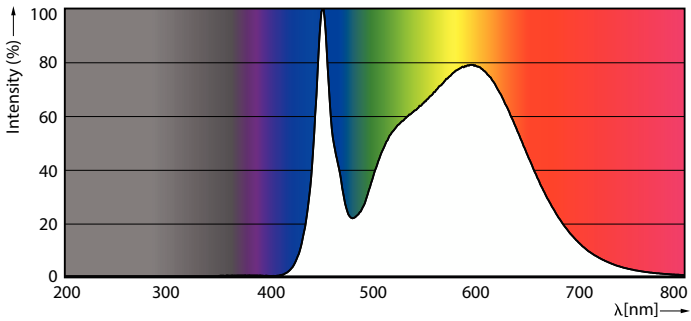
Order product name	28T8/COR/96-840/IF42/G/FA8 10/1
Full product name	28T8/COR/96-840/IF42/G/FA8 10/1
Order code	580290
Material Nr. (12NC)	929003556804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677580292
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677580297

Dimensional drawing

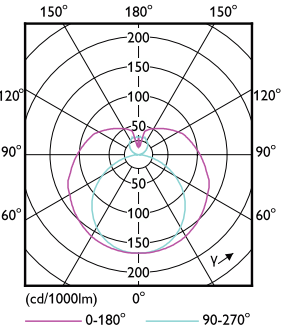


Product	D1	D2	A1	A2	A3
28T8/COR/96-840/ IF42/G/FA8 10/1	25.5 mm	28 mm	2,366.9 mm	2,375.8 mm	2,384.7 mm

Photometric data



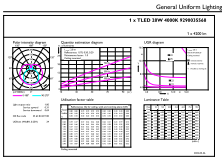
Spectral Power Distribution Colour - 28T8/COR/96-840/IF42/G/FA8 10/1



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

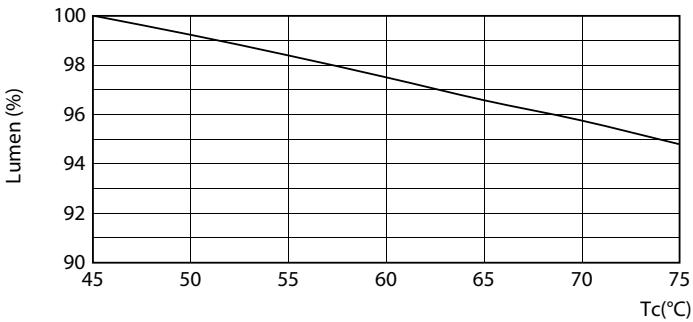
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Photometric data

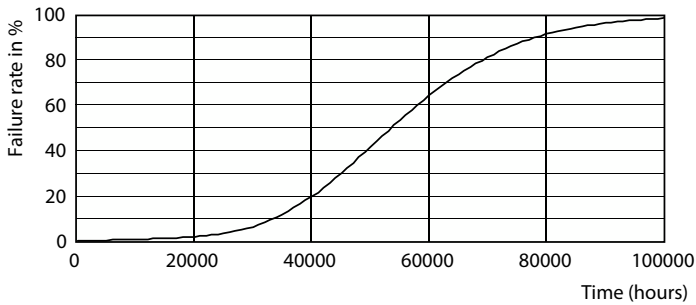


General Uniform Lighting - 28T8/COR/96-840/IF42/G/FA8 10/1

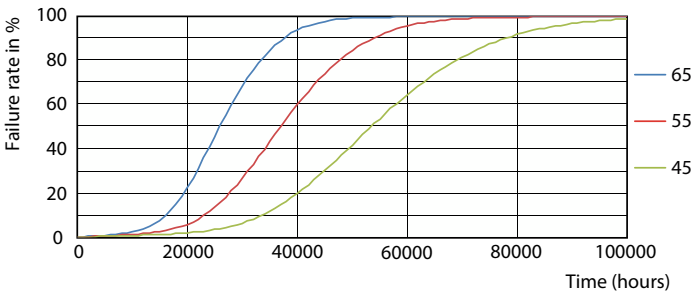
Lifetime



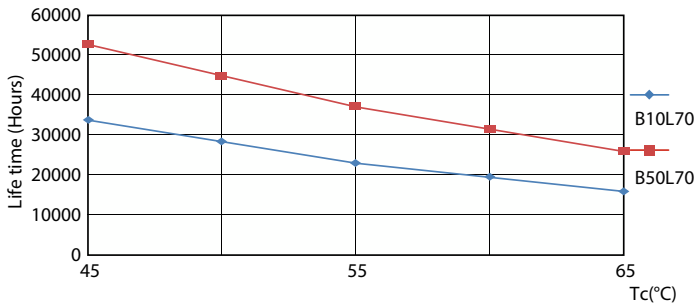
Lumen Maintenance Diagram - 28T8/COR/96-840/IF42/G/FA8 10/1



Life Expectancy Diagram



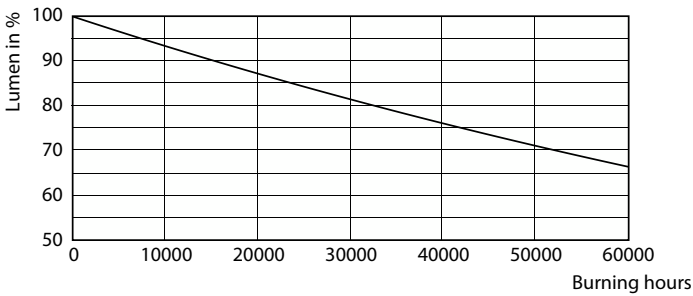
FailureRate



LifetimeVsTc

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Lifetime



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

