

T8

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

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

General information		Power (Rated) (Nom)		28 W
Base	FA8 [FA8]	Lamp Current (Max)		400 mA
EU RoHS compliant	Yes	Lamp Current (Min)		100 mA
Nominal Lifetime (Nom)	50000 h	Starting Time (Nom)		0.5 s
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)		0.5 s
Tier	CorePro	UL Type		TLED_Type A; UL listed HF
Light technical		Power Factor (Nom)		0.9
Color Code	841 [CCT of 4100K (841)]	Voltage (Nom)		120-277 V
Beam Angle (Nom)	240 °	Temperature		
Initial lumen (Nom)	4200 lm	T-Ambient (Max)		113 °F
Color Designation	Cool White (CW)	T-Ambient (Min)		-4 °F
Correlated Color Temperature (Nom)	4000 K	T-Storage (Range)		-40 °C to 65 °C
Luminous Efficacy (rated) (Nom)	150.00 lm/W	T-Storage (Max)		149 °F
Color Consistency	ANSI	T-Storage (Min)		-40 °F
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)		113 °F
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming		
Operating and electrical		Dimmable		No
Input Frequency	35K to 150K Hz			

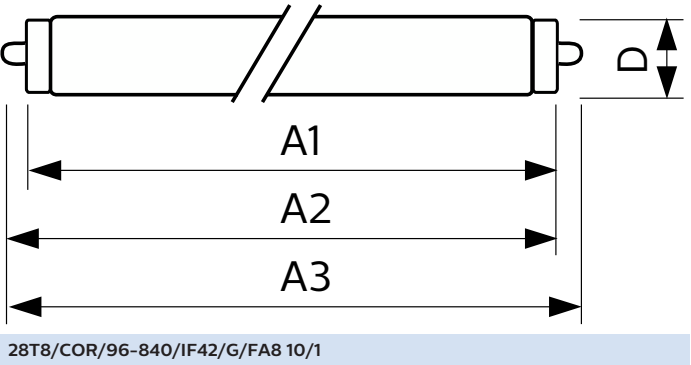
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	94-1/2 in
Bulb Shape	Tube, double-ended

Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate

Application conditions	
Ambient temperature range	-20 °C to 45 °C

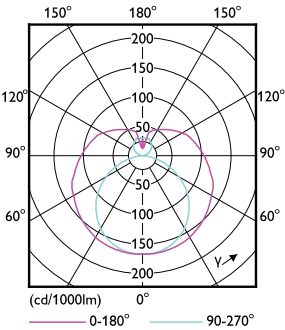
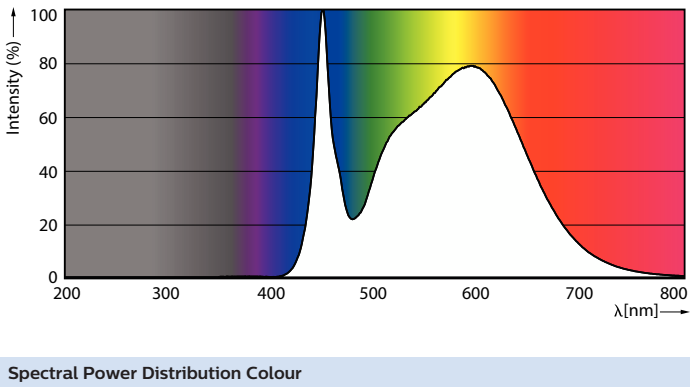
Product data	
Order product name	28T8/COR/96-840/IF42/G/FA8 10/1
EAN/UPC - Product	046677580292
Order code	580290
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003556804
Net Weight (Piece)	0.882 lb
Model Number	9290035568

Dimensional drawing

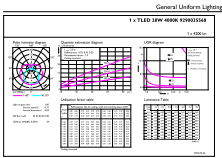


Product	D1	D2	A1	A2	A3
28T8/COR/96-840/ IF42/G/FA8 10/1	1-1/16 in	1-1/8 in	93-3/16 in	93-9/16 in	93-15/16 in

Photometric data



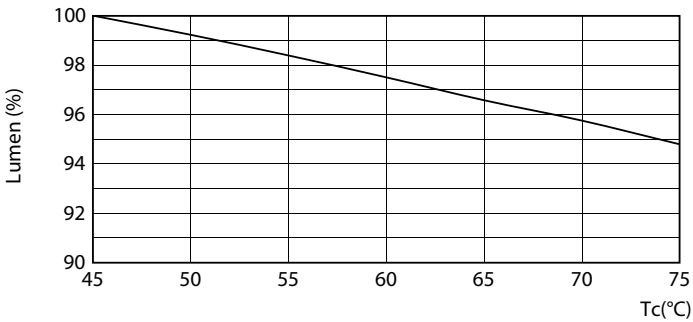
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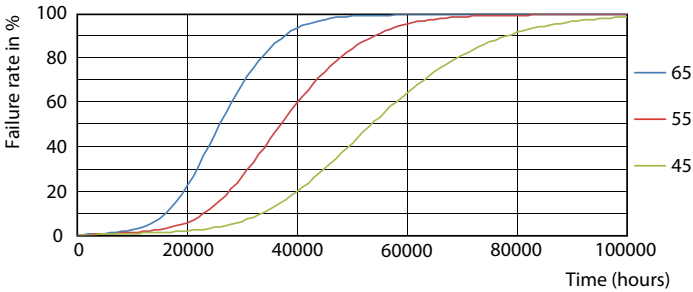
General Uniform Lighting

General uniform lighting

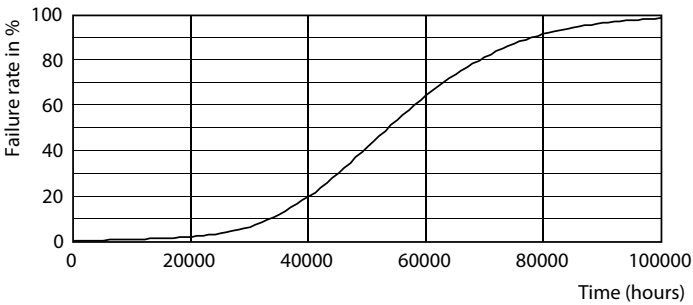
Lifetime



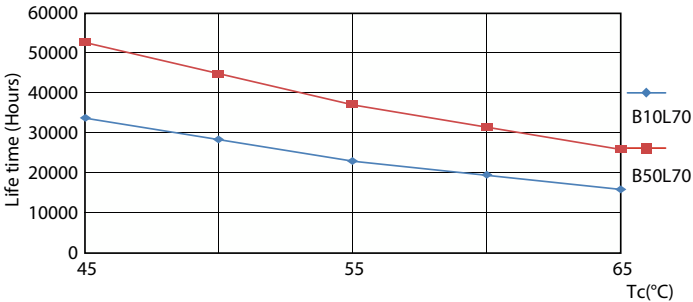
LumenVsTc



FailureRate



Life Expectancy Diagram



LifetimeVsTc

Lifetime



Lumen Maintenance Diagram

