

CorePro MainsFit (UL Type-B) T8

14.5T8/COR/48-840/MF21/G/DIM 25/1

CorePro, LEDtube, T8, 47-1/4 inch, 14.5 W, 4000 K, 2100 lm, 50000 hour(s)

CorePro, LEDtube, T8, 47-1/4 inch, 14.5 W, 4000 K, 2100 lm, 50000 hour(s), 144.00 lm/W, G13, Glass

Product data

General Information	
Cap-Base	G13
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDtube
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	220 degree(s)
Luminous Flux	2,100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144.00 lm/W
Color Consistency	6SCDM
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	14.5 W
Lamp Current (Max)	125 mA
Lamp Current (Min)	58 mA
Wattage Equivalent	32 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 B
Temperature	
T-Case Maximum (Nom)	158 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	47-1/4 inch
Bulb Shape	T8
Net Weight (Piece)	0.441 lb

Approval and Application

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

Application Conditions

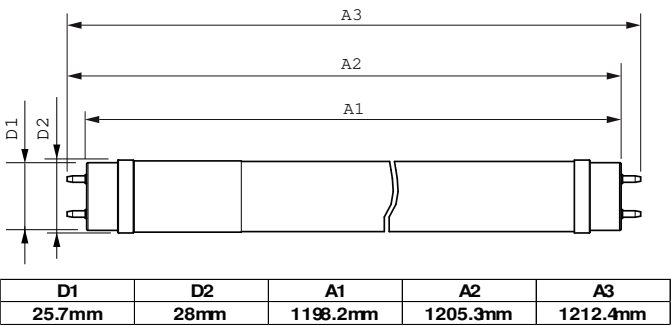
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

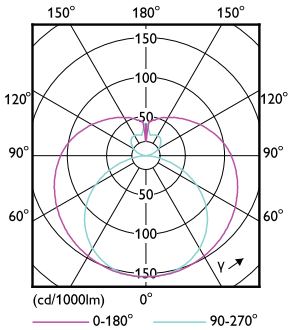
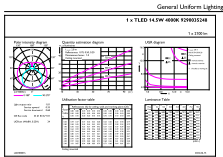
Order product name	14.5T8/COR/48-840/MF21/G/DIM 25/1
Full product name	14.5T8/COR/48-840/MF21/G/DIM 25/1
Order code	579425
Material Nr. (12NC)	929003524804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579425
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677579420

Dimensional drawing



Product	D1	D2	A1	A2	A3
14.5T8/COR/48-840/MF21/G/DIM 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

Photometric data

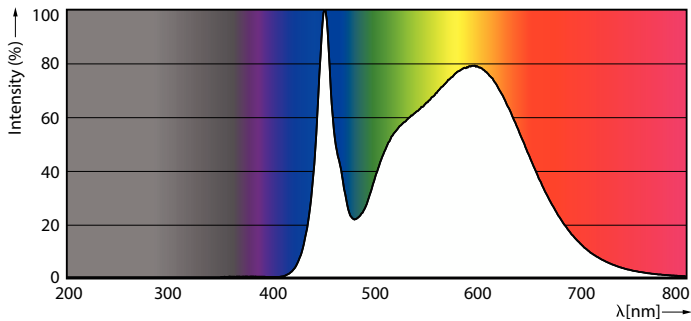


General uniform lighting - 14.5T8/COR/48-840/MF21/G/DIM 25/1

Light Distribution Diagram - 14.5T8/COR/48-840/MF21/G/DIM 25/1

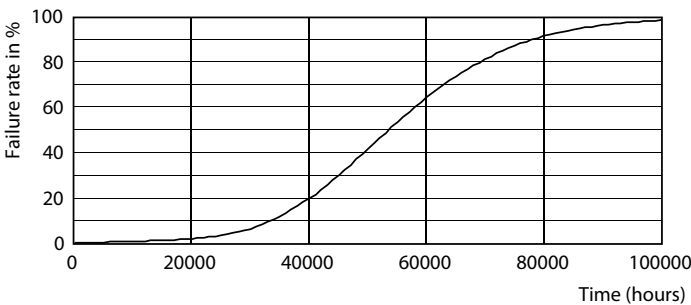
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Photometric data

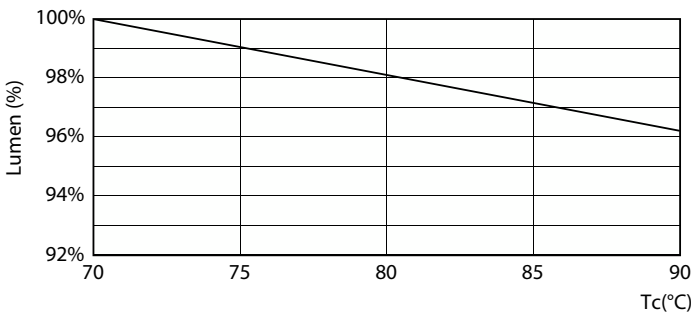


Spectral Power Distribution Colour - 14.5T8/COR/48-840/MF21/G/DIM 25/1

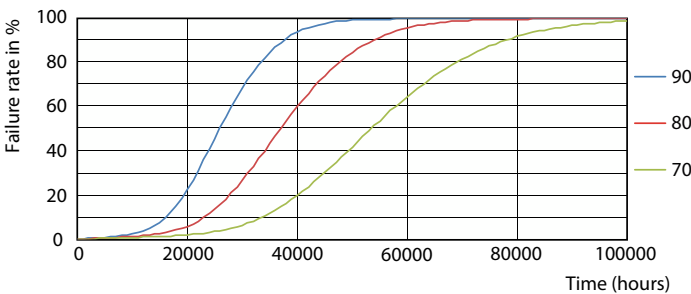
Lifetime



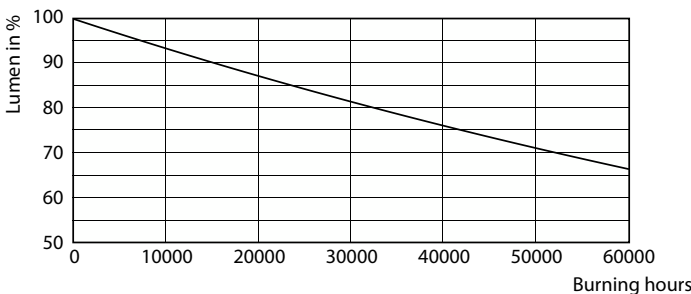
Life Expectancy Diagram



Lumen Maintenance Diagram - 14.5T8/COR/48-840/MF21/G/DIM 25/1



LEDtube 50K 7090 FailureRate-LED



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Lifetime



LifetimeVsTc

