



MainsFit (UL Type-B) T5

4.5T5HE/COR/12-5CCT/MF5/G 25/1

CorePro, LEDtube, T5, 11-13/16 inch, 4.5 W, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 500 lm, 50000 hour(s)

CorePro, LEDtube, T5, 11-13/16 inch, 4.5 W, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 500 lm, 50000 hour(s), 111 lm/W, G5, Glass, RGO

Product data

General Information		Operating and Electrical	
Cap-Base	G5	Input Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Power Consumption	4.5 W
Switching Cycle	200,000	Lamp Current (Nom)	44 mA
Lighting Technology	LEDtube	Wattage Equivalent	8 W
Light Technical		Starting Time (Nom)	0.5 s
Color Code	3000K/3500K/4000K/5000K/6500K	Warm-up time to 60% light	0.5 s
Beam Angle (Nom)	160 degree(s)	Power Factor (Fraction)	0.5
Luminous Flux	500 lm	Voltage (Nom)	120-277 V
Color Designation	3000K/3500K/4000K/5000K/6500K	UL Type	UL Type B
Correlated Color Temperature (Nom)	3000 3500 4000 5000 6500 K	Temperature	
Luminous Efficacy (rated) (Nom)	111 lm/W	T-Case Maximum (Nom)	149 °F
Color Consistency	<6	Controls and Dimming	
Color rendering index (CRI)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Mechanical and Housing	
Photobiological safety according to EN 62471	RGO	Bulb Finish	Frosted

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Bulb Material	Glass
Product Length	11-13/16 inch
Bulb Shape	T5
Net Weight (Piece)	0.132 lb

Approval and Application

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

Application Conditions

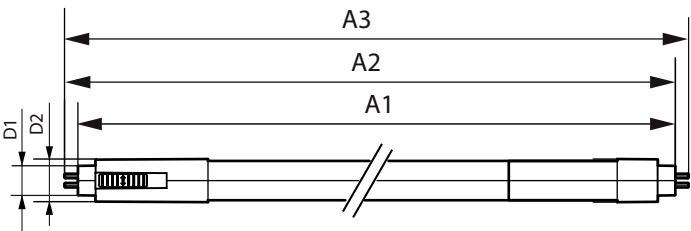
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

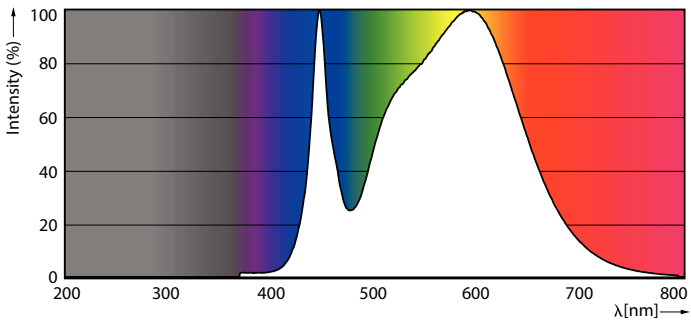
Order product name	4.5T5HE/COR/12-5CCT/MF5/G 25/1
Full product name	4.5T5HE/COR/12-5CCT/MF5/G 25/1
Order code	592766
Material Nr. (12NC)	929004235004
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677592769
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677592764

Dimensional drawing

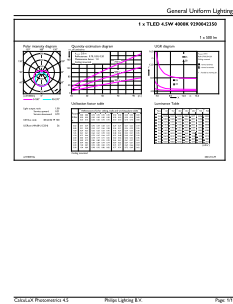


Product	D1	D2	A1	A2	A3
4.5T5HE/COR/ 12-5CCT/MF5/G 25/1	5/8 inch	15/16 inch	11-5/16 inch	11-5/8 inch	11-15/16 inch

Photometric data



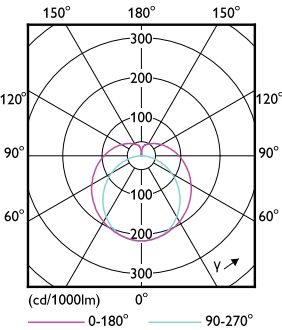
Spectral Power Distribution Colour - 4.5T5HE/COR/12-5CCT/MF5/G 25/1



General uniform lighting - 4.5T5HE/COR/12-5CCT/MF5/G 25/1

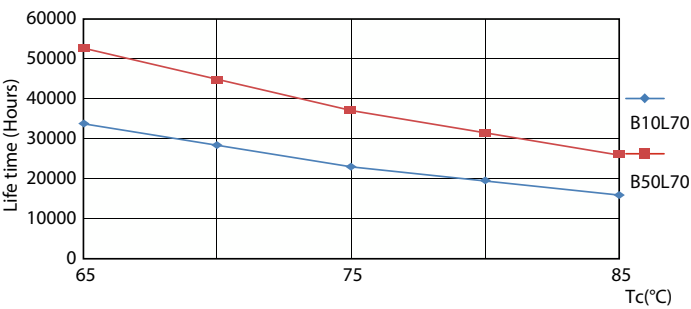
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Photometric data

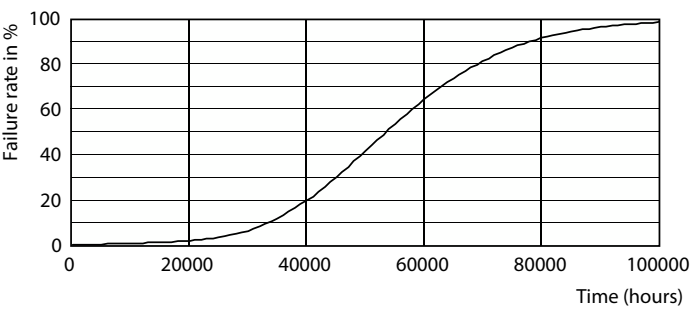


Light Distribution Diagram - 4.5T5HE/COR/12-5CCT/MF5/G 25/1

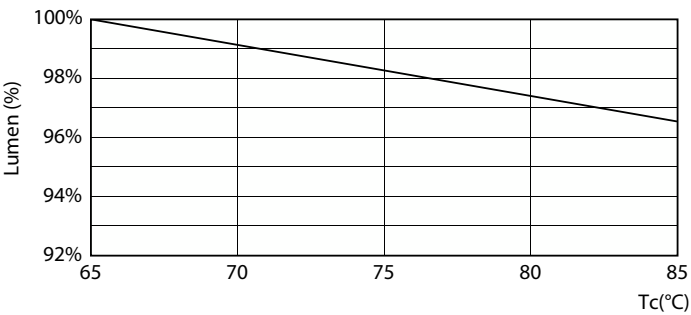
Lifetime



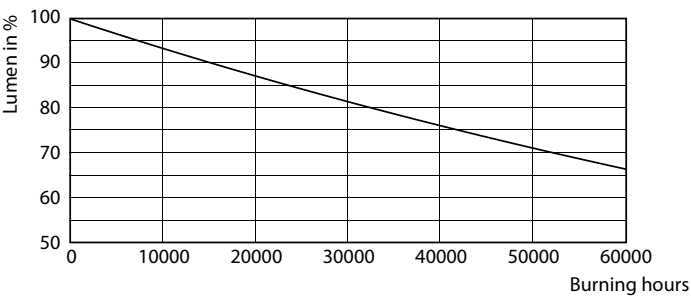
LifetimeVsTc



Life Expectancy Diagram



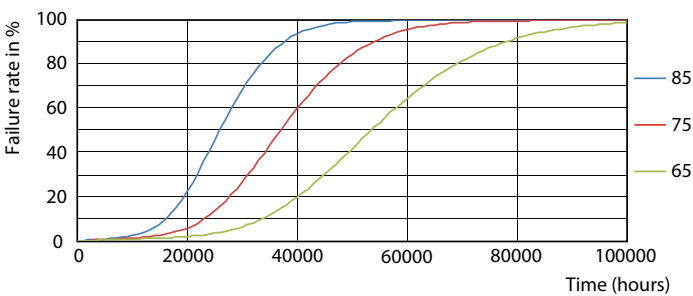
Lumen Maintenance Diagram - 4.5T5HE/COR/12-5CCT/MF5/G 25/1



Lumen Maintenance Diagram - 4.5T5HE/COR/12-5CCT/MF5/G 25/1

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Lifetime



FailureRate

