

MainsFit (UL Type-B) T5

13T5HE/COR/46-5CCT/MF18/G 25/1

CorePro, LEDtube, T5, 47-1/4 inch, 13 W, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 1800 lm, 50000 hour(s)

CorePro, LEDtube, T5, 47-1/4 inch, 13 W, 3000 K, 3500 K, 4000 K, 5000 K, 6500 K, 1800 lm, 50000 hour(s), 138 lm/W, G5, Glass, RGO

Product data

General Information	
Cap-Base	G5
Nominal lifetime	50,000 hour(s)
Switching Cycle	200,000
Lighting Technology	LEDtube
Light Technical	
Color Code	3000K/3500K/4000K/5000K/6500K
Beam Angle (Nom)	160 degree(s)
Luminous Flux	1,800 lm
Color Designation	3000K/3500K/4000K/5000K/6500K
Correlated Color Temperature (Nom)	3000 3500 4000 5000 6500 K
Luminous Efficacy (rated) (Nom)	138 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	13 W
Lamp Current (Nom)	115 mA
Wattage Equivalent	28 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	T5
Net Weight (Piece)	0.375 lb

Approval and Application

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

Application Conditions

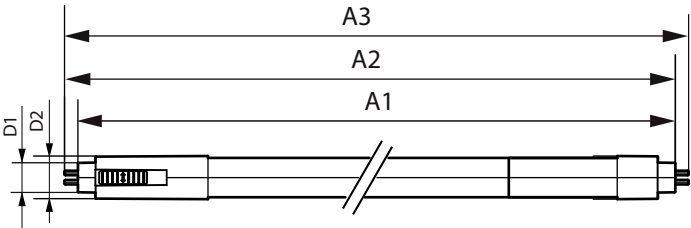
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

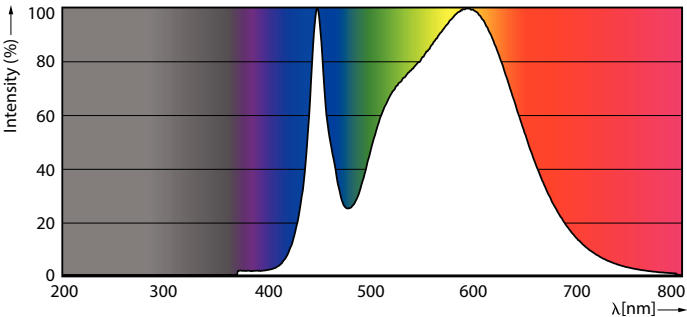
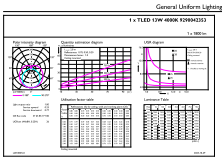
Order product name	13T5HE/COR/46-5CCT/MF18/G 25/1
Full product name	13T5HE/COR/46-5CCT/MF18/G 25/1
Order code	592790
Material Nr. (12NC)	929004235304
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677592790
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677592795

Dimensional drawing



Product	D1	D2	A1	A2	A3
13T5HE/COR/46-5CCT/ MF18/G 25/1	5/8 inch	15/16 inch	45-3/16 inch	45-1/2 inch	45-13/16 inch

Photometric data

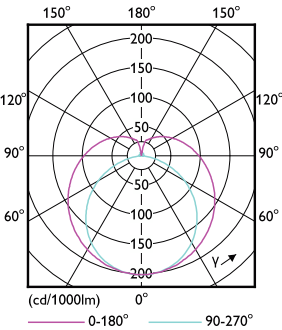


General uniform lighting - 13T5HE/COR/46-5CCT/MF18/G 25/1

Spectral Power Distribution Colour - 13T5HE/COR/46-5CCT/MF18/G 25/1

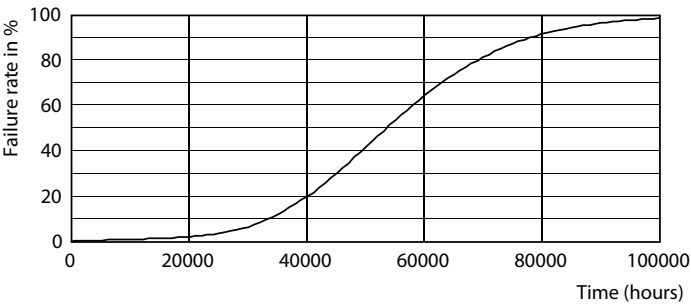
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Photometric data

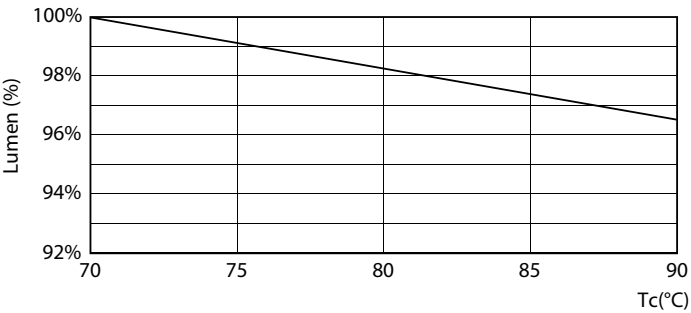


Light Distribution Diagram - 13T5HE/COR/46-5CCT/MF18/G 25/1

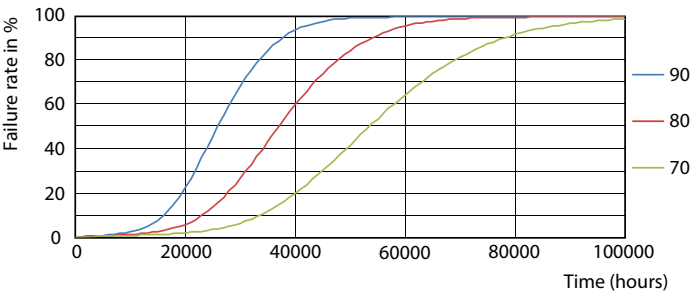
Lifetime



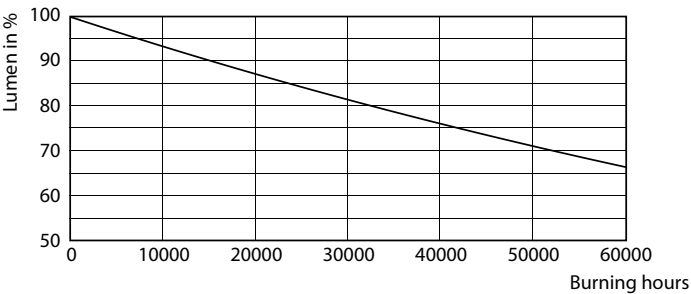
Life Expectancy Diagram



Lumen Maintenance Diagram - 13T5HE/COR/46-5CCT/MF18/G 25/1



LEDtube 50K 7090 FailureRate-LED



Lumen Maintenance Diagram - 13T5HE/COR/46-5CCT/MF18/G 25/1

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Lifetime



LifetimeVsTc

