



MainsFit (UL Type-B) T5

25T5HO/COR/46-840/MF35/G 25/1

The MainsFit (UL Type-B) lamps are designed to be the perfect retrofit solution to move from traditional fluorescent lamps to energy saving LEDs. This ballast bypass lamp has everything needed built into the lamp with proven energy savings, long life, surge suppression and industry leading safety features. All lamps in the MainsFit family are double-ended to help simplify the installation. In addition, all lamps meet the Philips standards for light quality so that end users will be in a comfortable environment regardless of the MainsFit lamp type.

Product data

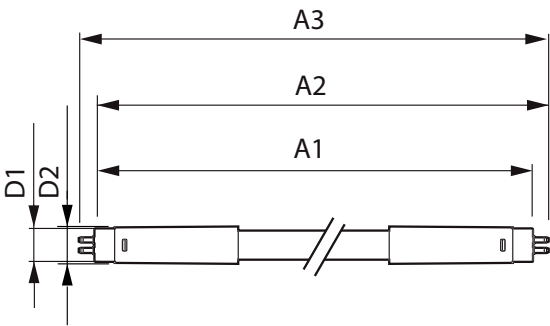
General Information		Operating and Electrical	
Cap-Base	G5 [G5]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	Input Frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	25 W
Lighting Technology	LED	Lamp Current (Max)	250 mA
EU RoHS compliant	Yes	Lamp Current (Min)	95 mA
Light Technical		Wattage Equivalent	54 W
Color Code	840 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	200 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	3,500 lm	Power Factor (Fraction)	0.9
Color Designation	Cool White (CW)	Voltage (Nom)	120-277 V
Correlated Color Temperature (Nom)	4000 K	UL Type	UL Type B
Luminous Efficacy (rated) (Nom)	140.00 lm/W	Temperature	
Color Consistency	<6	Ambient temperature range	-20 °C to 45 °C
Color rendering index (CRI)	80	T-Case Maximum (Nom)	75 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and Dimming	
Dimmable	Limited
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	1,200 mm
Bulb Shape	T5
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance

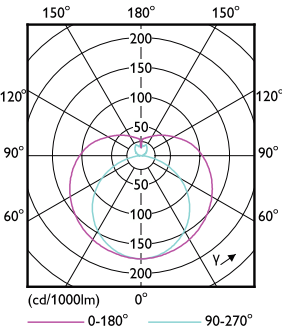
Application Conditions	
can it be used in closed luminaires	Yes
Product Data	
Order product name	25T5HO/COR/46-840/MF35/G 25/1
Full product name	25T5HO/COR/46-840/MF35/G 25/1
Order code	929003122504
Material Nr. (12NC)	929003122504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677576240
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677576245

Dimensional drawing

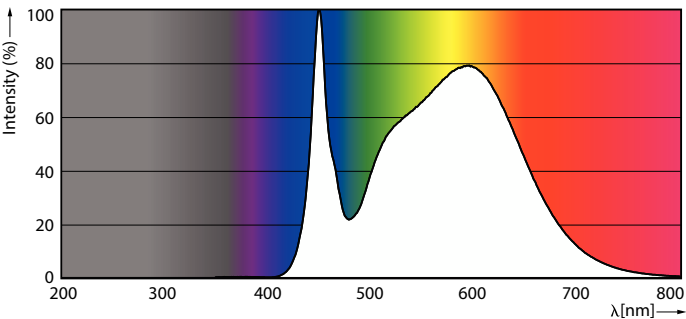


Product	D1	D2	A1	A2	A3
25T5HO/COR/46-840/MF35/G 25/1	15.3 mm	18.2 mm	1,149 mm	1,154.9 mm	1,163.2 mm

Photometric data



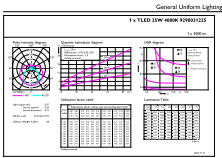
Light Distribution Diagram - 25T5HO/COR/46-840/MF35/G 25/1



Spectral Power Distribution Colour - 25T5HO/COR/46-840/MF35/G 25/1

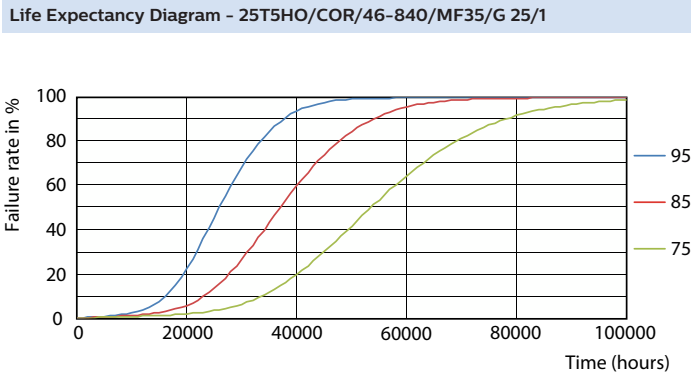
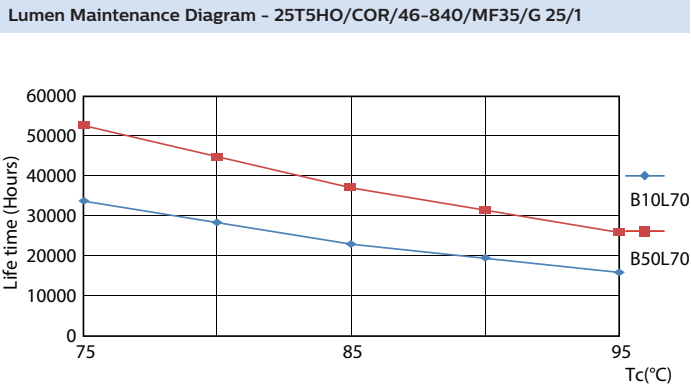
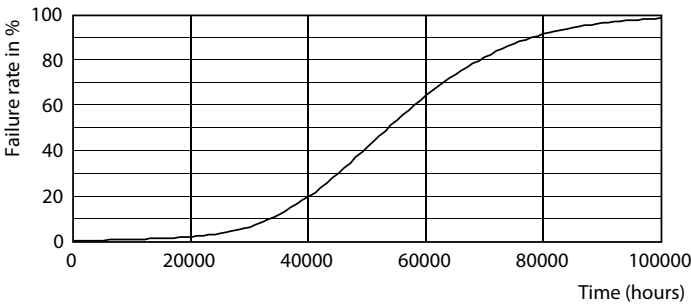
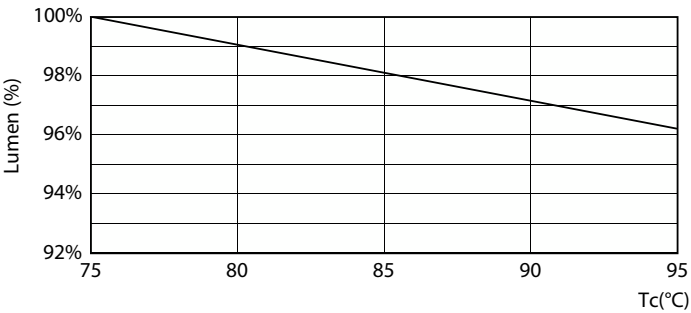
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General Uniform Lighting - 25T5HO/COR/46-840/MF35/G 25/1

Lifetime



Life Expectancy Diagram - 25T5HO/COR/46-840/MF35/G 25/1

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