



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	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
Light Technical		Lamp Current (Min)	95 mA
Color Code	840 [CCT of 4000K]	Wattage Equivalent	54 W
Beam Angle (Nom)	200 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	3,500 lm	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	140.00 lm/W	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
Color Consistency	<6	Temperature	
Color rendering index (CRI)	80	Ambient temperature range	-20 °C to 45 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Case Maximum (Nom)	75 °C

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Controls and Dimming

Dimmable	Limited
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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
EU RoHS compliant	Yes

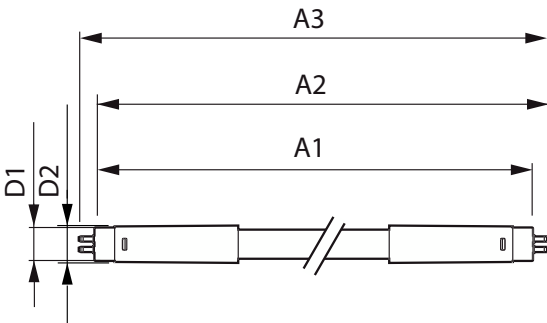
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

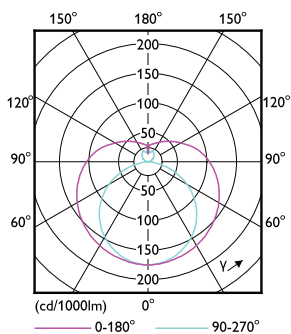
Order product name	25T5HO/COR/46-840/MF35/G 25/1
Full product name	25T5HO/COR/46-840/MF35/G 25/1
Order code	576249
Material Nr. (12NC)	929003122504
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.151 kg
EAN/UPC - Product/Case	046677576240
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677576245

Dimensional drawing

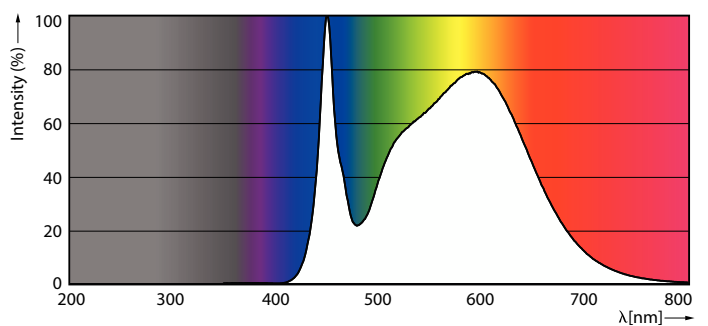


Product	D1	D2	A1	A2	A3
25T5HO/COR/46-840/MF35/G 25/1	15.3 mm	18.2 mm	1,149 mm	1,154.9 mm	1,163.2 mm

Photometric data



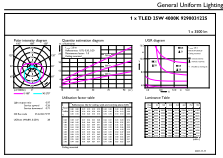
Light Distribution Diagram - 25T5HO/COR/46-840/MF35/G 25/1



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

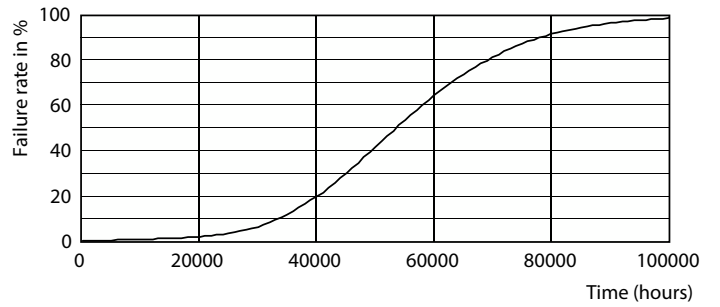
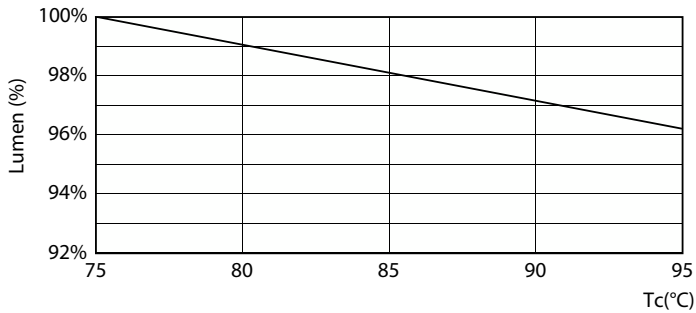
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Photometric data



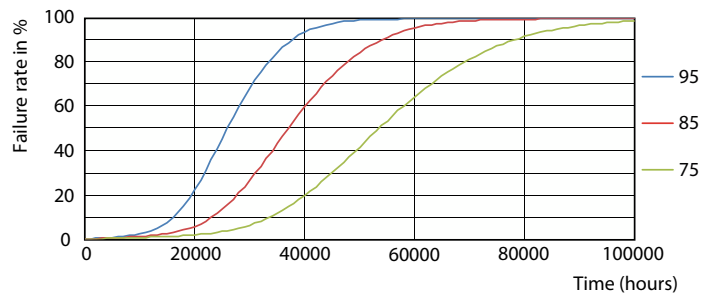
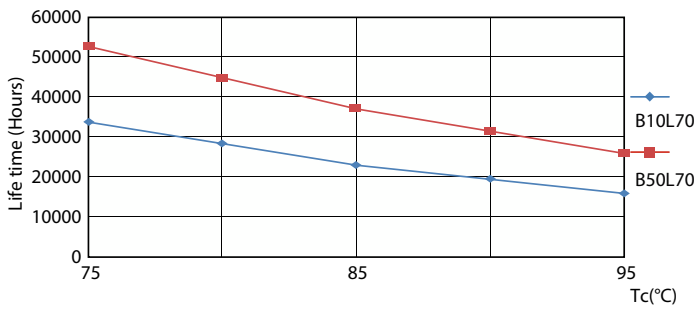
General uniform lighting - 25T5HO/COR/46-840/MF35/G 25/1

Lifetime



Lumen Maintenance Diagram - 25T5HO/COR/46-840/MF35/G 25/1

Life Expectancy Diagram



LEDtube 50K 7595 LifetimeVsTc-LED

LEDtube 50K 7595 FailureRate-LED

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