



MainsFit (UL Type-B) T5

25T5HO/COR/46-835/MF33/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					
Cap-Base	G5				
Nominal lifetime	50,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
Light Technical					
Color Code	835 [CCT of 3500K]				
Beam Angle (Nom)	200 degree(s)				
Luminous Flux	3,300 lm				
Luminous Efficacy (rated) (Nom)	132.00 lm/W				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3500 K				
Color Consistency	<6				
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	25 W				
Lamp Current (Max)	250 mA				
Lamp Current (Min)	95 mA				
Wattage Equivalent	54 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					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	75 ℃				

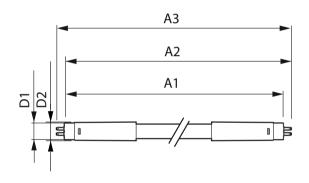
Datasheet, 2024, May 23 data subject to change

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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				
EU RoHS compliant	Yes				

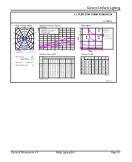
Application Conditions				
can it be used in closed luminaires	Yes			
Product Data				
Order product name	25T5HO/COR/46-835/MF33/G 25/			
Full product name	25T5HO/COR/46-835/MF33/G 25/1			
Order code	929003122404			
Material Nr. (12NC)	929003122404			
Numerator - Quantity Per Pack	1			
Net Weight (Piece)	0.151 kg			
EAN/UPC - Product/Case	046677576233			
Numerator - Packs per outer box	25			
EAN/UPC - Case	50046677576238			

Dimensional drawing

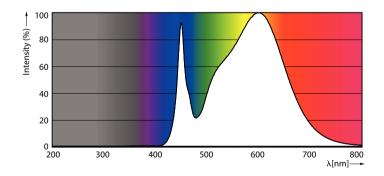


Product	D1	D2	A1	A2	А3
25T5HO/COR/46-835/MF33/G	15.3 mm	18.2 mm	1,149 mm	1,154.9 mm	1,163.2 mm
25/1					

Photometric data



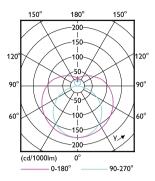




Spectral Power Distribution Colour - 25T5HO/COR/46-835/MF33/G 25/1

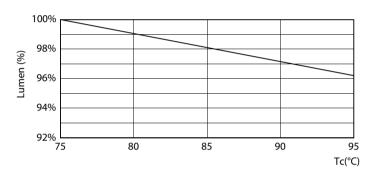
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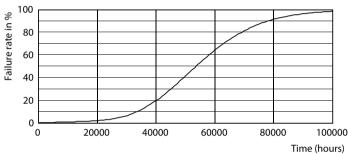
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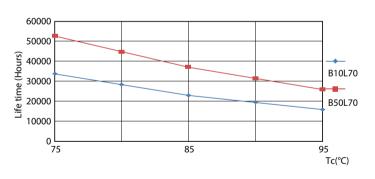
Light Distribution Diagram - 25T5HO/COR/46-835/MF33/G 25/1

Lifetime

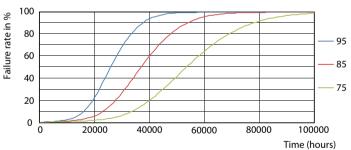




Lumen Maintenance Diagram - 25T5HO/COR/46-835/MF33/G 25/1



Life Expectancy Diagram



LEDtube 50K 7595 LifetimeVsTc-LED

LEDtube 50K 7595 FailureRate-LED

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