



# MainsFit (UL Type-B) T5

## 25T5HO/COR/46-850/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				
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Cap-Base	G5 [G5]			
Nominal lifetime	50,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	850 [CCT of 5000K]			
Beam Angle (Nom)	200 degree(s)			
Luminous Flux	3,500 lm			
Color Designation	Daylight			
Correlated Color Temperature (Nom)	5000 K			
Luminous Efficacy (rated) (Nom)	140.00 lm/W			
Color Consistency	<5			
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 ℃				

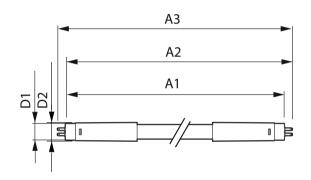
Datasheet, 2023, November 29 data subject to change

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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				

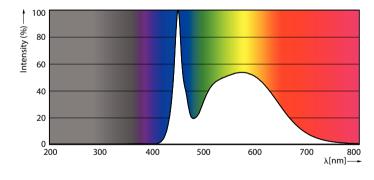
Application Conditions				
can it be used in closed luminaires	Yes			
Product Data				
Order product name	25T5HO/COR/46-850/MF35/G 25/1			
Full product name	25T5HO/COR/46-850/MF35/G 25/1			
Order code	929003122604			
Material Nr. (12NC)	929003122604			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	046677576257			
Numerator - Packs per outer box	25			
EAN/UPC - Case	50046677576252			

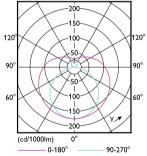
## Dimensional drawing



Product	D1	D2	A1	A2	А3
25T5HO/COR/46-850/MF35/G	15.3 mm	18.2 mm	1,149 mm	1,154.9 mm	1,163.2 mm
25/1					

### Photometric data





180°

Spectral Power Distribution Colour - 25T5HO/COR/46-850/MF35/G 25/1

Light Distribution Diagram - 25T5HO/COR/46-850/MF35/G 25/1

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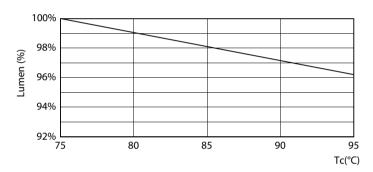
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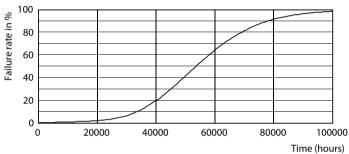


Calculus Photometrics 4.5 Philips Lighting ScV. Page: 11

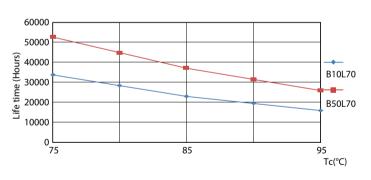
General uniform lighting - 25T5HO/COR/46-850/MF35/G 25/1

#### Lifetime

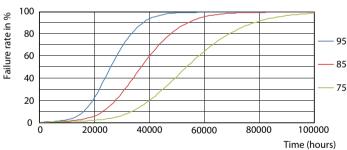




Lumen Maintenance Diagram - 25T5HO/COR/46-850/MF35/G 25/1



Life Expectancy Diagram - 25T5HO/COR/46-850/MF35/G 25/1



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