PHILIPS Lighting

T5

25T5HO/COR/46-835/MF33/G 25/1

Philips T5 LED tubes offer an affordable, energy saving retrofit solution. The T5 lamps have been engineered to withstand the test of time with a 50,000-hour lifetime and a limited 5-year warranty to back it up. The lighting performance effectively replaces conventional fluorescent T5 HO or T5 HE lamps. Available in either InstantFit (Type A or Type C) or MainsFit (Type B / Ballast bypass), Philips T5 TLEDs provide a variety of options for any application.

Product data

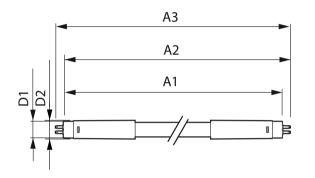
General Information			
Cap-Base	G5 [G5]		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical			
Color Code	835 [CCT of 3500K]		
Beam Angle (Nom)	200 degree(s)		
Luminous Flux	3,300 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3500 K		
Luminous Efficacy (rated) (Nom)	132.00 lm/W		
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)	210 mA		
Lamp Current (Min)	95 mA		
Wattage Equivalent	54 W		
Starting Time (Nom)	0.45 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.9		
Voltage (Nom)	120-277 V		
UL Type	Type B - bypass the ballast		
Temperature			
Ambient temperature range	-20 °C to 45 °C		
T-Case Maximum (Nom)	75 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Frosted		
Bulb Material	Glass		
Product Length	1,200 mm		

Bulb Shape	Tube, double-ended		
Approval and Application			
Energy Saving Product	Yes		
Approval Marks	RoHS compliance UL certificate DLC		
	compliance		
Energy Consumption kWh/1000 h	- kWh		
Product Data			
Order product name	25T5HO/COR/46-835/MF33/G 25/1		

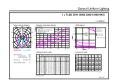
Full product name	25T5HO/COR/46-835/MF33/G 25/1		
Order code	929001992504		
Material Nr. (12NC)	929001992504		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	046677542054		
Numerator - Packs per outer box	25		
EAN/UPC - Case	50046677542059		

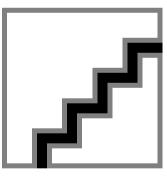
Dimensional drawing



Product	D1	D2	A1	A2	A3
25T5HO/COR/46-835/MF33/G	15.3 mm	18.6 mm	1,147.8 mm	1,154.9 mm	1,162 mm
25/1					

Photometric data

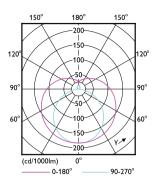




Accent Lighting Spots - 25T5HO/COR/46-835/MF33/G 25/1

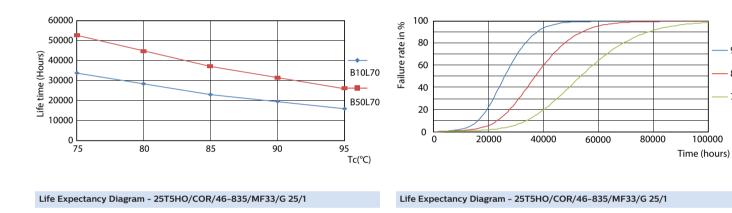
Spectral Power Distribution Colour - 25T5HO/COR/46-835/MF33/G 25/1

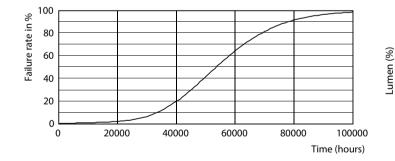
Photometric data



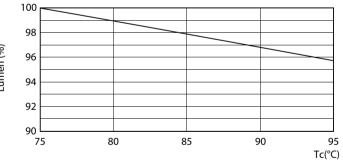
Light Distribution Diagram - 25T5HO/COR/46-835/MF33/G 25/1











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

95

85

75

100000



20000



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

30000

40000



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