



T5

25T5HO/COR/46-850/MF35/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	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

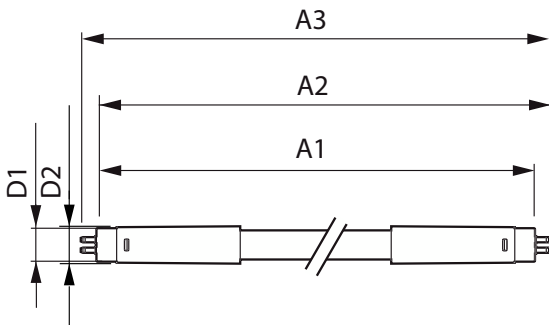
Power Consumption	25 W
Lamp Current (Max)	210 mA
Lamp Current (Min)	95 mA
Wattage Equivalent	54 W
Starting Time (Nom)	0.45 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	TLED_Type B; UL classified double end
Temperature	
Ambient temperature range	-20 °C 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

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Bulb Shape	T5
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Application Conditions	
can it be used in closed luminaires	Yes

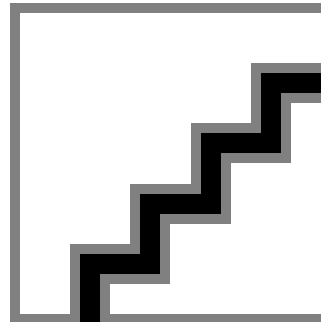
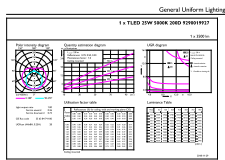
Product Data	
Order product name	25T5HO/COR/46-850/MF35/G 25/1
Full product name	25T5HO/COR/46-850/MF35/G 25/1
Order code	929001992704
Material Nr. (12NC)	929001992704
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677542078
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677542073

Dimensional drawing



Product	D1	D2	A1	A2	A3
25T5HO/COR/46-850/MF35/G 25/1	15.3 mm	18.6 mm	1,147.8 mm	1,154.9 mm	1,162 mm

Photometric data

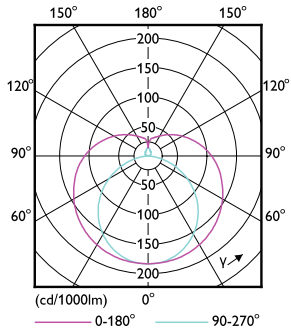


Accent Lighting Spots - 25T5HO/COR/46-850/MF35/G 25/1

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

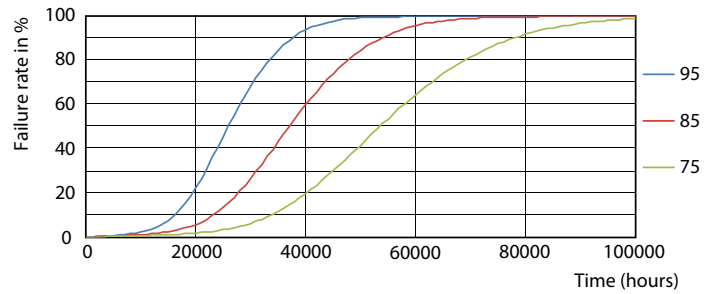
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Photometric data

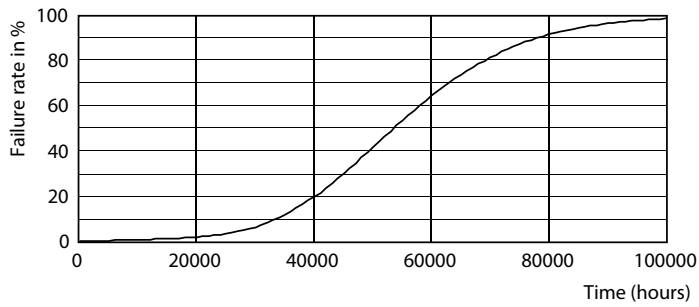


Light Distribution Diagram - 25T5HO/COR/46-850/MF35/G 25/1

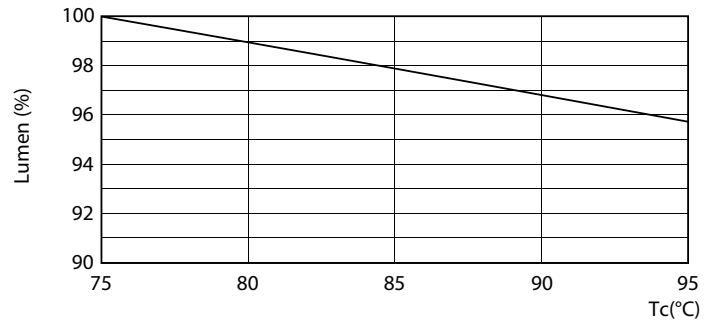
Lifetime



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



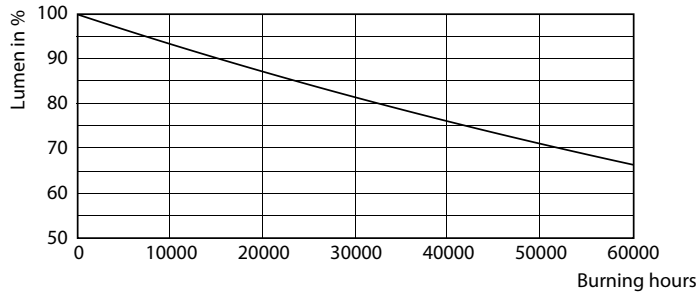
Life Expectancy Diagram - 25T5HO/COR/46-850/MF35/G 25/1



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

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Lifetime



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

