T5

25T5HO/COR/46-840/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	
Base	G5 [G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000

Light technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	3500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	25 W
Lamp Current (Max)	250 mA
Lamp Current (Min)	95 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type B; UL classified double end
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	167 °F

Controls and dimming	
Dimmable	Limited

Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	48 in

T5

Bulb Shape	Tube, double-ended

Approval and application

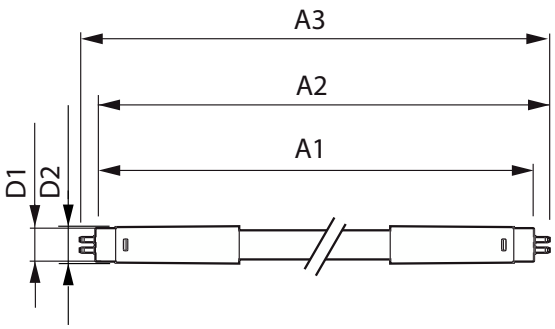
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate

Product data

Order product name	25T5HO/COR/46-840/MF35/G 25/1

EAN/UPC - Product	046677576240
Order code	576249
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003122504
Net Weight (Piece)	0.333 lb

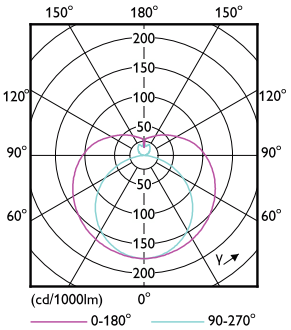
Dimensional drawing



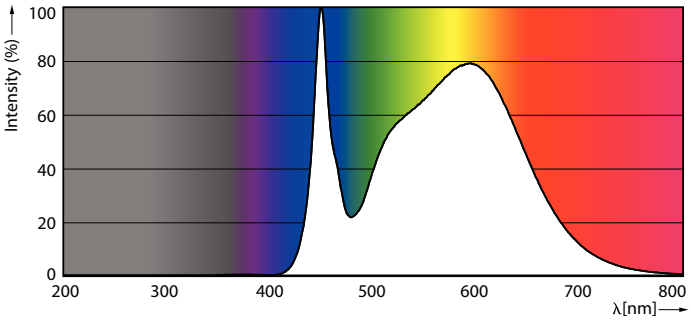
25T5HO/COR/46-840/MF35/G 25/1

Product	D1	D2	A1	A2	A3
25T5HO/COR/46-840/MF35/G 25/1	5/8 in	3/4 in	45-1/4 in	45-1/2 in	45-13/16 in

Photometric data

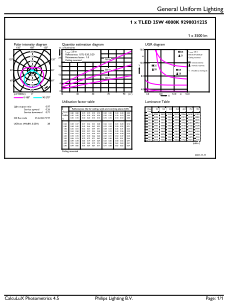


LEDtube COR NAM4 25W G5 3300lm-LDD



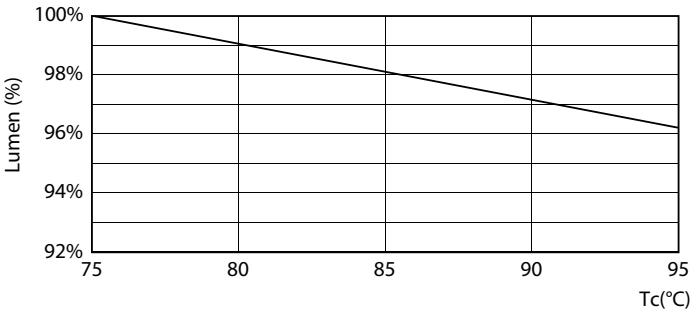
LEDtube COR NAM1 8W G5 1050lm 840-POC

Photometric data

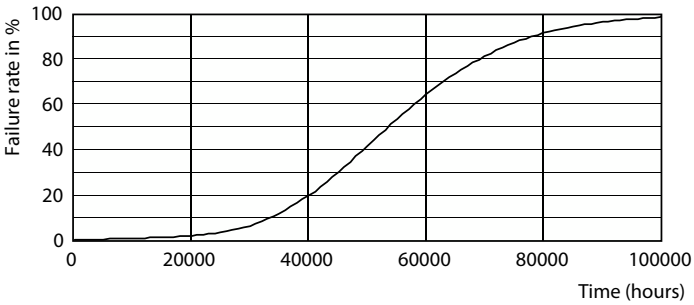


LEDtube COR NAM4 25W G5 3500lm 840-GUL

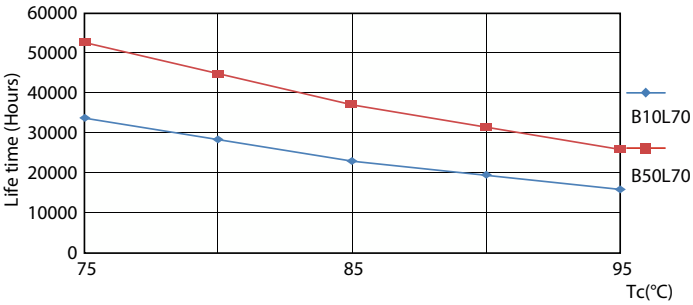
Lifetime



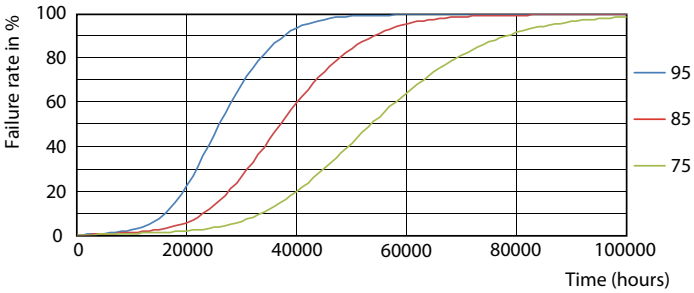
LEDtube COR NAM4 25W 50K LumenVsTc-LMP



Life Expectancy Diagram



LEDtube 50K 7595 LifetimeVsTc-LED



LEDtube 50K 7595 FailureRate-LED

© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.