

T5

14T5HE/COR/46-840/MF21/G 25/1

Philips MainsFit (Type B) T5 LED tubes offer an affordable, energy saving retrofit solution to replace fluorescent T5 HE lamps. The double-ended design makes for a quick and simple installation. Our 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.

Product data

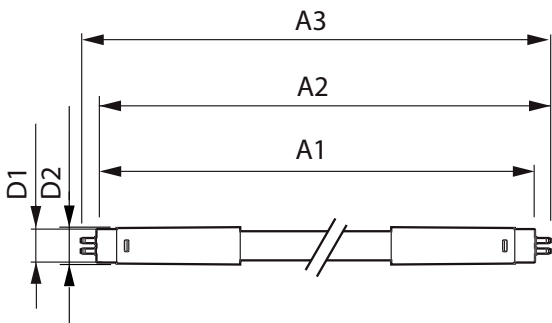
General information		Starting Time (Nom)		0.5 s
Base	G5 [G5]	Warm Up Time to 60% Light (Nom)		0.5 s
EU RoHS compliant	Yes	UL Type		TLED_Type B; UL classified double end
Nominal Lifetime (Nom)	50000 h	Power Factor (Nom)		0.9
Switching Cycle	50000	Voltage (Nom)		120-277 V
Light technical		Temperature		
Color Code	841 [CCT of 4100K (841)]	T-Ambient (Max)		113 °F
Beam Angle (Nom)	200 °	T-Ambient (Min)		-4 °F
Initial lumen (Nom)	2100 lm	T-Storage (Max)		149 °F
Color Designation	Cool White (CW)	T-Storage (Min)		-40 °F
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)		158 °F
Luminous Efficacy (rated) (Nom)	150.00 lm/W	Controls and dimming		
Color Consistency	<6	Dimmable		Limited
Color Rendering Index (Nom)	80	Mechanical and housing		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Finish		Frosted
Operating and electrical		Bulb Material		Glass
Input Frequency	50 to 60 Hz	Product Length		48 in
Power (Rated) (Nom)	14 W	Bulb Shape		Tube, double-ended
Lamp Current (Max)	145 mA			
Lamp Current (Min)	55 mA			
Wattage Equivalent	28 W			

Approval and application	
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate

Product data	
Order product name	14T5HE/COR/46-840/MF21/G 25/1
EAN/UPC - Product	046677576219

Order code	576215
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003123404
Net Weight (Piece)	0.333 lb
Model Number	9290031234

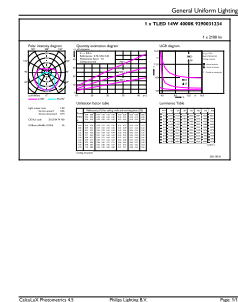
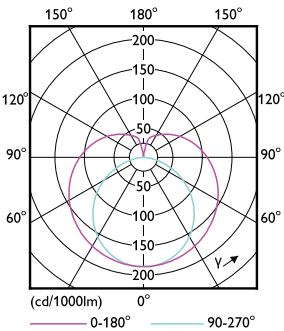
Dimensional drawing



14T5HE/COR/46-840/MF21/G 25/1

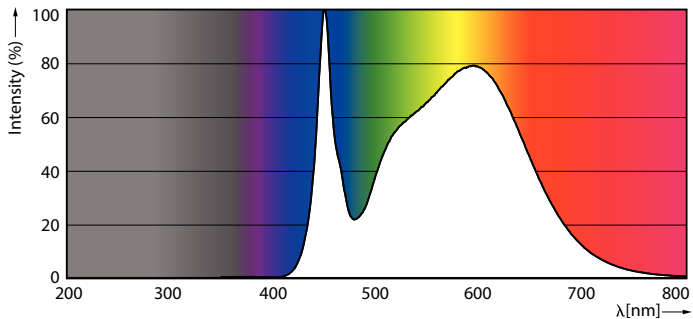
Product	D1	D2	A1	A2	A3
14T5HE/COR/46-840/MF21/G 25/1	5/8 in	3/4 in	45-1/4 in	45-1/2 in	45-13/16 in

Photometric data



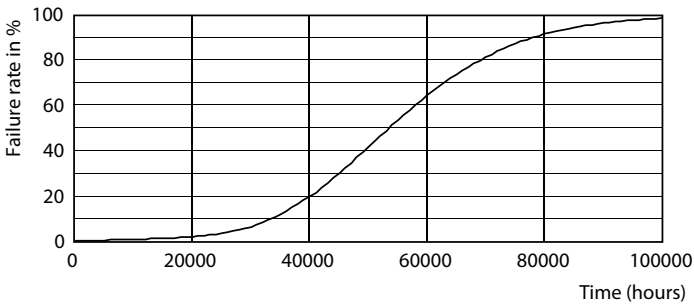
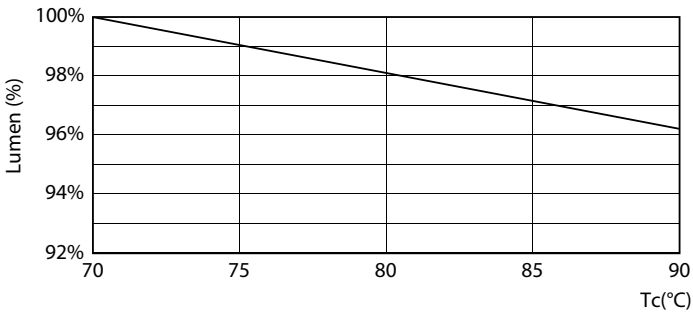
LEDtube COR NAM1 8W G5 1000lm-LDD

LEDtube COR NAM1 14W G5 2100lm 840-GUL



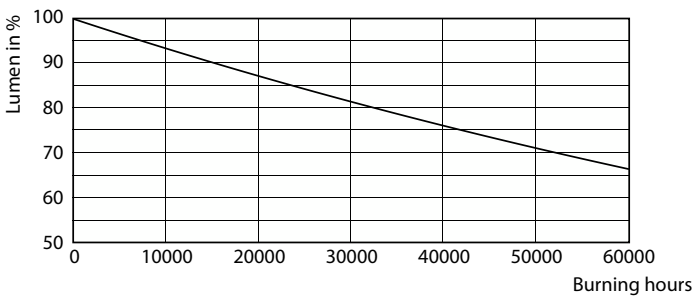
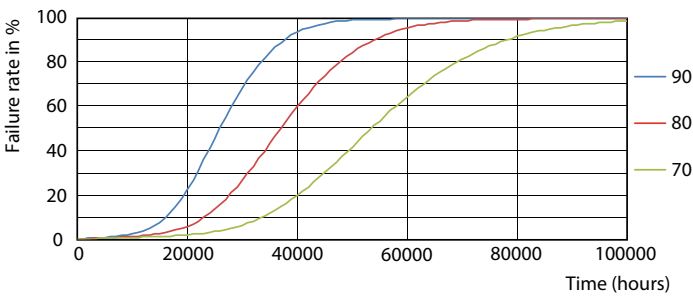
LEDtube COR NAM1 8W G5 1050lm 840-POC

Lifetime



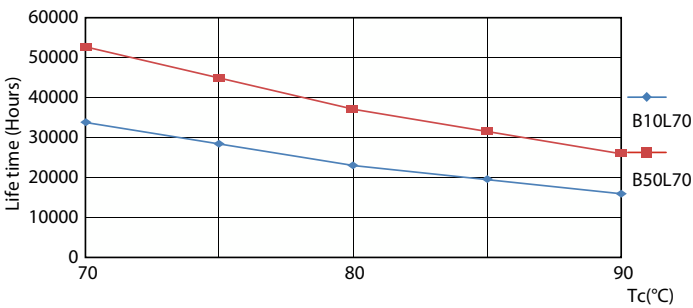
LEDtube COR NAM1 8W 50K LumenVsTc-LMP

Life Expectancy Diagram



FailureRate

Lumen Maintenance Diagram



LifetimeVsTc

