



T5

14T5HE/COR/46-835/MF20/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	835 [CCT of 3500K]	T-Ambient (Max)	113 °F	
Beam Angle (Nom)	200 °	T-Ambient (Min)	-4 °F	
Initial lumen (Nom)	2000 lm	T-Storage (Max)	149 °F	
Color Designation	White (WH)	T-Storage (Min)	-40 °F	
Correlated Color Temperature (Nom)	3500 K	T-Case Maximum (Nom)	158 °F	
Luminous Efficacy (rated) (Nom)	142.00 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

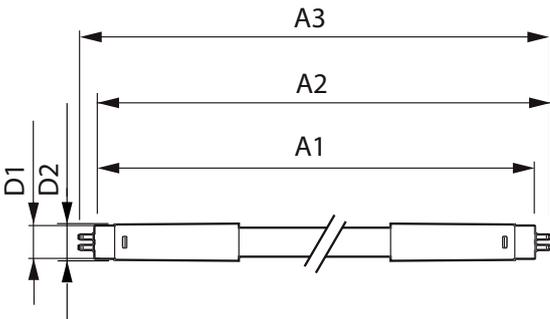
Energy Saving Product	Yes
Approbation Marks	DLC compliance
Approbation Marks	RoHS compliance UL certificate

Product data

Order product name	14T5HE/COR/46-835/MF20/G 25/1
EAN/UPC - Product	046677576202

Order code	576207
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003123304
Net Weight (Piece)	0.333 lb
Model Number	9290031233

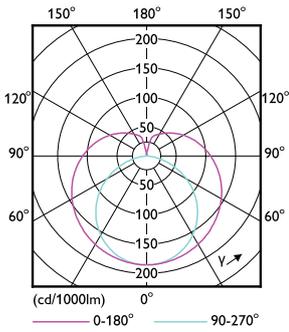
Dimensional drawing



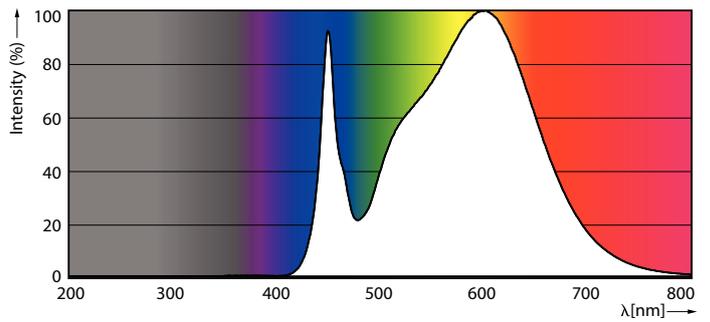
14T5HE/COR/46-835/MF20/G 25/1

Product	D1	D2	A1	A2	A3
14T5HE/COR/46-835/MF20/G 25/1	5/8 in	3/4 in	45-1/4 in	45-1/2 in	45-13/16 in

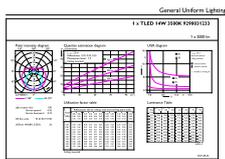
Photometric data



LEDtube COR NAM1 8W G5 1000lm-LDD

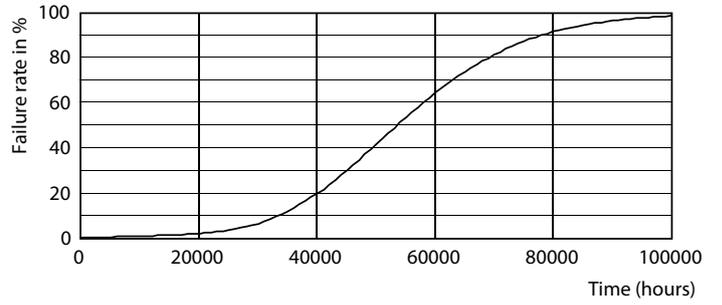
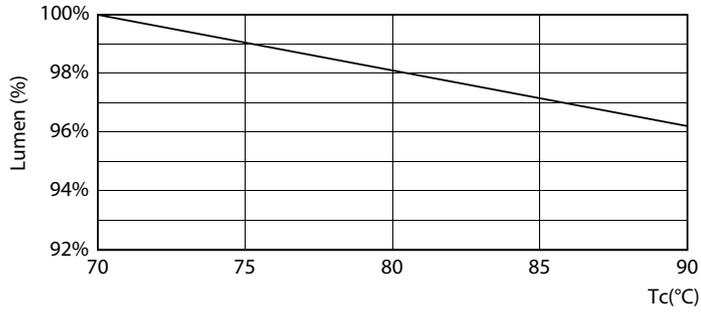


LEDtube COR NAM1 8W G5 1000lm 835-POC



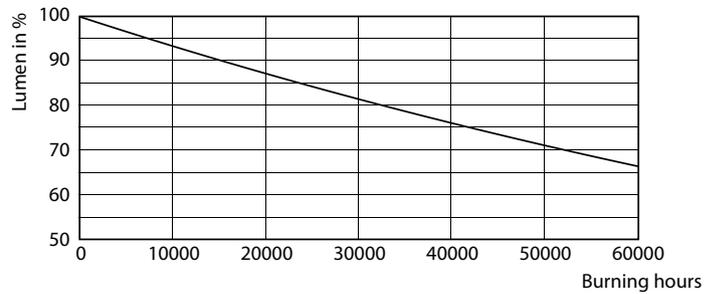
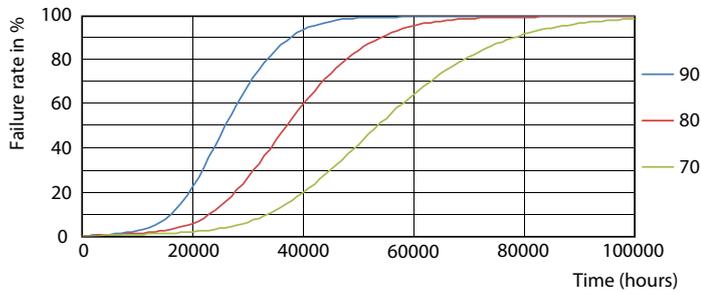
LEDtube COR NAM1 14W G5 2000lm 835-GUL

Lifetime



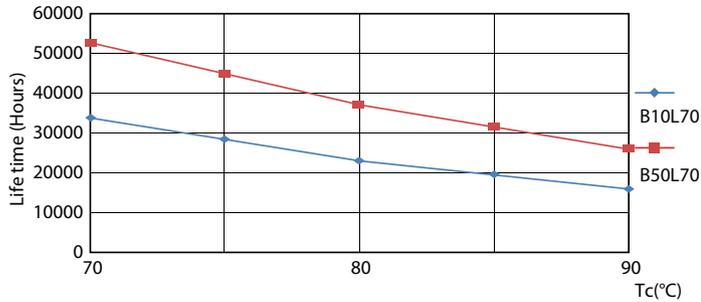
LEDtube COR NAM1 8W 50K LumenVsTc-LMP

Life Expectancy Diagram



FailureRate

Lumen Maintenance Diagram



LifetimeVsTc

