



T5

8T5HE/COR/22-840/MF10/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.

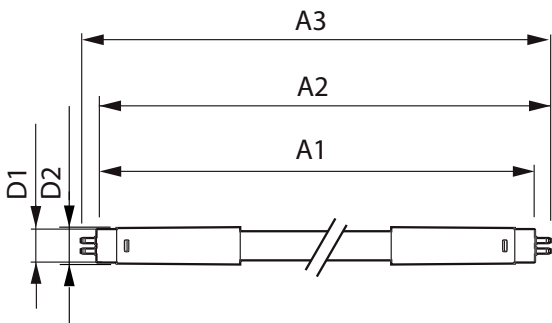
Product data

General information		Wattage Equivalent	
Base	G5 [G5]	14 W	
EU RoHS compliant	Yes	Starting Time (Nom)	
Nominal Lifetime (Nom)	50000 h	0.5 s	
Switching Cycle	50000	Warm Up Time to 60% Light (Nom)	
Tier	CorePro	0.5 s	
Light technical		UL Type	
Color Code	841 [CCT of 4100K (841)]	TLED_Type B; UL classified double end	
Beam Angle (Nom)	200 °	Power Factor (Nom)	
Initial lumen (Nom)	1050 lm	0.9	
Color Designation	Cool White (CW)	Voltage (Nom)	
Correlated Color Temperature (Nom)	4000 K	120-277 V	
Luminous Efficacy (rated) (Nom)	131.00 lm/W	Temperature	
Color Consistency	<6	T-Ambient (Max)	
Color Rendering Index (Nom)	80	113 °F	
LLMF At End Of Nominal Lifetime (Nom)	70 %	T-Ambient (Min)	
Operating and electrical		-4 °F	
Input Frequency	50 to 60 Hz	T-Storage (Max)	
Power (Rated) (Nom)	8 W	149 °F	
Lamp Current (Max)	84 mA	T-Storage (Min)	
Lamp Current (Min)	31 mA	-40 °F	
		T-Case Maximum (Nom)	
		158 °F	
		Controls and dimming	
		Dimmable	
		Limited	
		Mechanical and housing	
		Bulb Finish	
		Frosted	
		Bulb Material	
		Glass	
		Product Length	
		23-5/8 in	
		Bulb Shape	
		Tube, double-ended	

Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Product data	
Order product name	8T5HE/COR/22-840/MF10/G 25/1
EAN/UPC - Product	046677576158
Order code	576157

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003122804
Net Weight (Piece)	0.176 lb
Model Number	9290031228

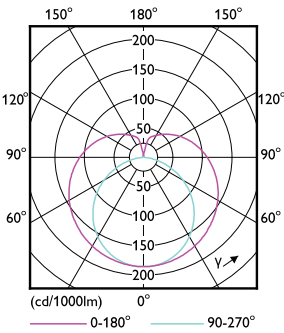
Dimensional drawing



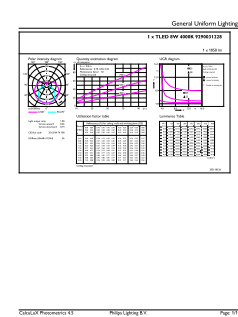
8T5HE/COR/22-840/MF10/G 25/1

Product	D1	D2	A1	A2	A3
8T5HE/COR/22-840/MF10/G 25/1	5/8 in	3/4 in	21-5/8 in	21-7/8 in	22-3/16 in

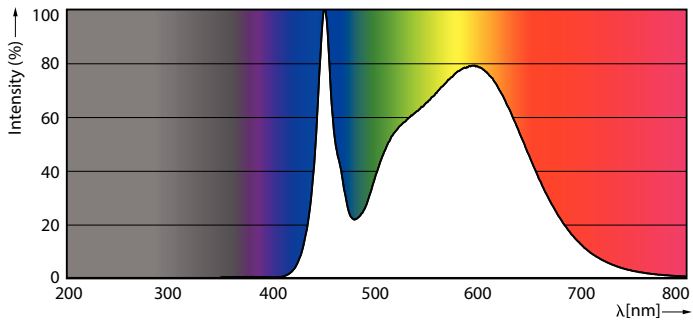
Photometric data



LEDtube COR NAM1 8W G5 1000lm-LDD

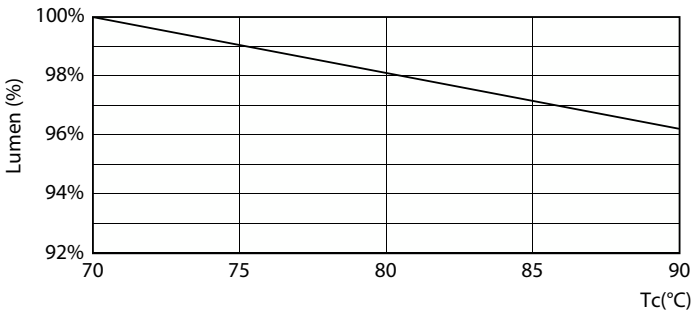


LEDtube COR NAM1 8W G5 1050lm 840-GUL

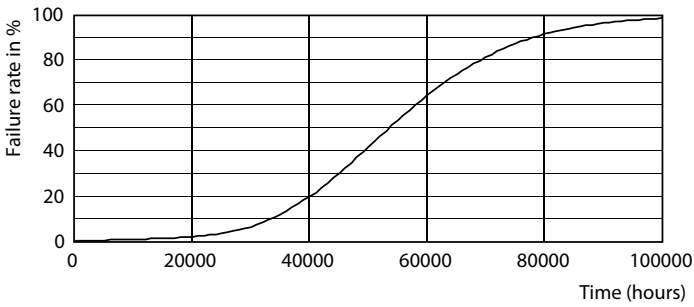


LEDtube COR NAM1 8W G5 1050lm 840-POC

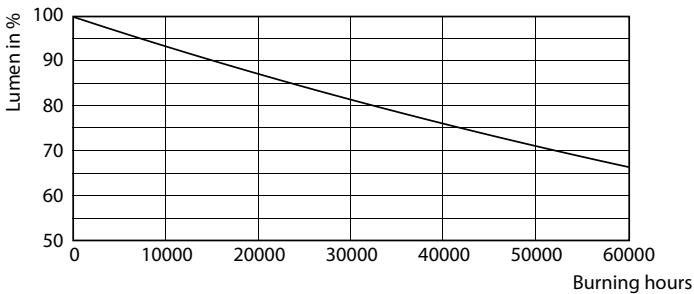
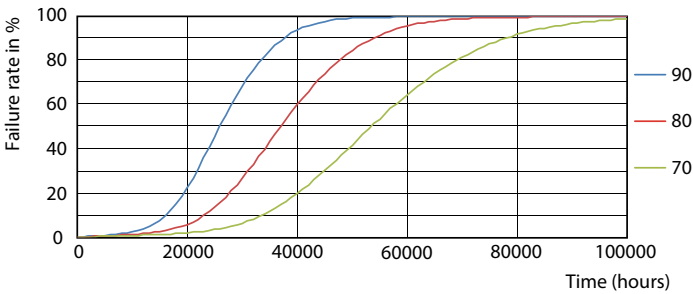
Lifetime



LEDtube COR NAM1 8W 50K LumenVsTc-LMP

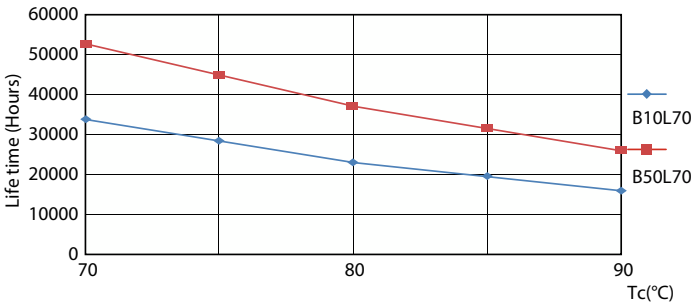


Life Expectancy Diagram



FailureRate

Lumen Maintenance Diagram



LifetimeVsTc

