



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.

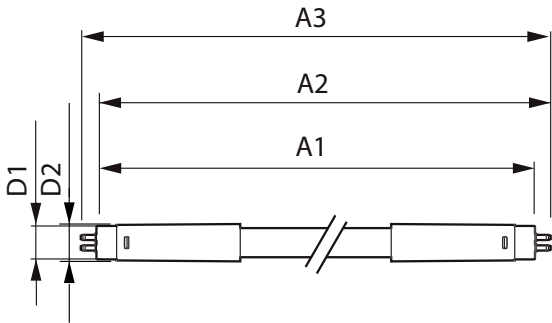
Product data

General information		Warm Up Time to 60% Light (Nom)	
Base	G5 [G5]	UL Type	TLED_Type B; UL classified double end
EU RoHS compliant	Yes	Power Factor (Nom)	0.9
Nominal Lifetime (Nom)	50000 h	Voltage (Nom)	120-277 V
Switching Cycle	50000X	Temperature	
Light technical		T-Ambient (Max)	45 °C
Color Code	835 [CCT of 3500K]	T-Ambient (Min)	-20 °C
Beam Angle (Nom)	200 °	T-Storage (Max)	65 °C
Initial lumen (Nom)	2000 lm	T-Storage (Min)	-40 °C
Color Designation	White (WH)	T-Case Maximum (Nom)	70 °C
Correlated Color Temperature (Nom)	3500 K	Controls and dimming	
Luminous Efficacy (rated) (Nom)	142.00 lm/W	Dimmable	Limited
Color Consistency	<6	Mechanical and housing	
Color Rendering Index (Nom)	80	Bulb Finish	Frosted
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Material	Glass
Operating and electrical		Product Length	48 in
Input Frequency	50 to 60 Hz	Bulb Shape	Tube, double-ended
Power (Rated) (Nom)	14 W	Approval and application	
Lamp Current (Max)	145 mA	Energy Saving Product	Yes
Lamp Current (Min)	55 mA		
Starting Time (Nom)	0.5 s		

Approbation Marks	RoHS compliance UL certificate DLC compliance
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)	0.151 kg
Model Number	9290031233

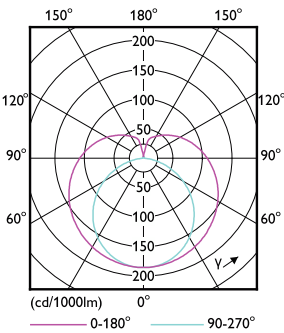
Dimensional drawing



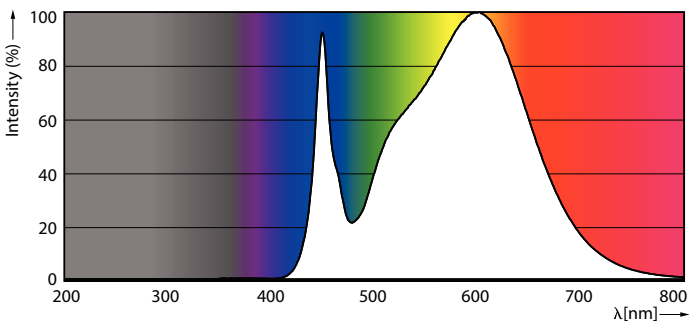
14T5HE/COR/46-835/MF20/G 25/1

Product	D1	D2	A1	A2	A3
14T5HE/COR/46-835/ MF20/G 25/1	15.3 mm	18.2 mm	1149 mm	1154.9 mm	1163.2 mm

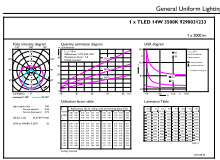
Photometric data



LEDtube COR NAM1 8W G5 1000lm-LDD



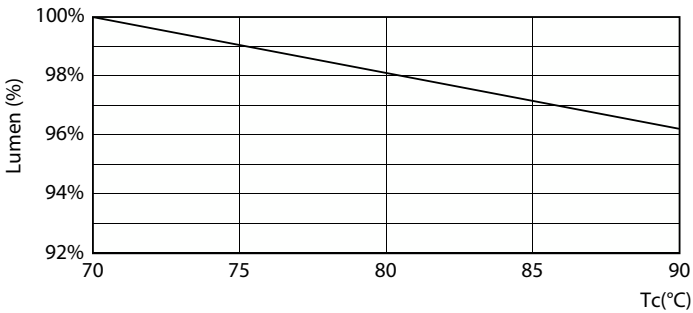
LEDtube COR NAM1 8W G5 1000lm 835-POC



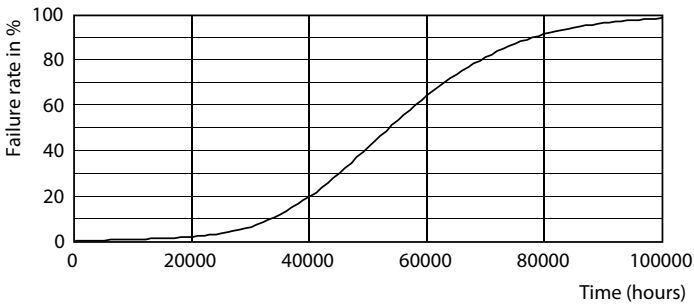
General Uniform Lighting

LEDtube COR NAM1 14W G5 2000lm 835-GUL

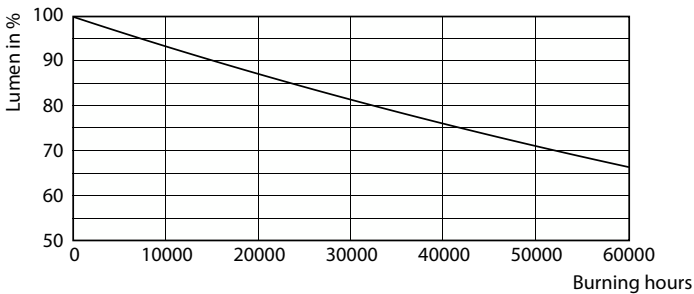
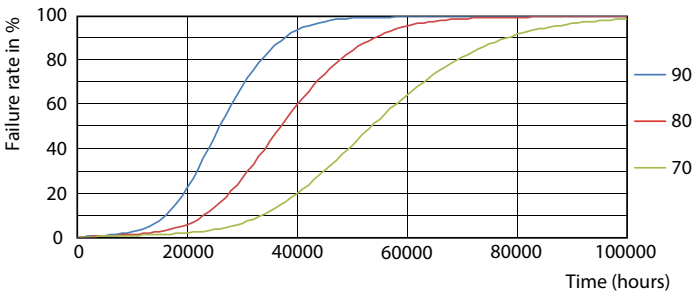
Lifetime



LEDtube COR NAM1 8W 50K LumenVsTc-LMP

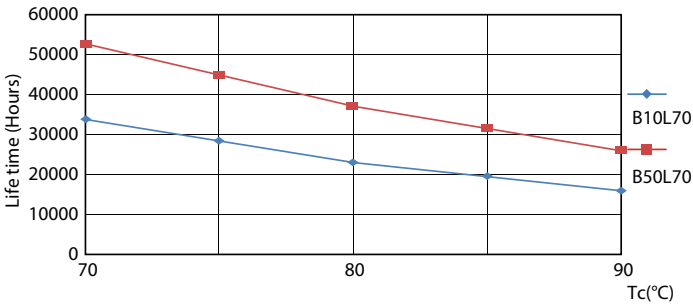


Life Expectancy Diagram



FailureRate

Lumen Maintenance Diagram



LifetimeVsTc

