



T5

8T5HE/COR/22-840/MF10/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

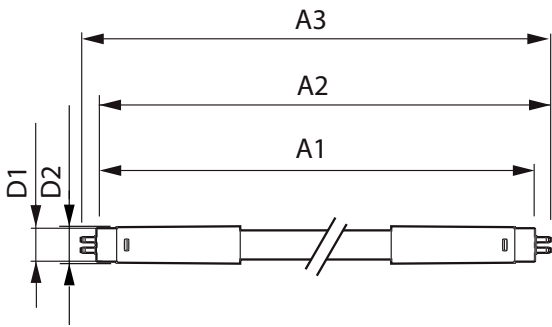
General information			
Cap-Base	G5 [G5]	Lamp Current (Max)	84 mA
EU RoHS compliant	Yes	Lamp Current (Min)	31 mA
Nominal Lifetime (Nom)	50000 h	Wattage Equivalent	14 W
Switching Cycle	50000	Starting Time (Nom)	0.5 s
Tier	CorePro	Warm Up Time to 60% Light (Nom)	0.5 s
Light technical		UL Type	TLED_Type B; UL classified double end
Color Code	840 [CCT of 4000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	200 °	Voltage (Nom)	120-277 V
Luminous Flux (Nom)	1050 lm	Temperature	
Color Designation	Cool White (CW)	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	4000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	131.00 lm/W	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)	70 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and dimming	
Operating and electrical		Dimmable	Limited
Input Frequency	50 to 60 Hz	Mechanical and housing	
Power (Nom)	8 W	Bulb Finish	Frosted

Bulb Material	Glass
Product Length	600 mm
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate

Product data	
Order product name	8T5HE/COR/22-840/MF10/G 25/1

EAN/UPC - Product	046677576158
Order code	929003122804
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003122804
Net Weight (Piece)	0.080 kg
Model Number	9290031228

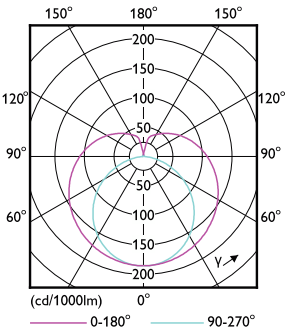
Dimensional drawing



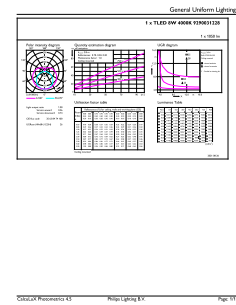
8T5HE/COR/22-840/MF10/G 25/1

Product	D1	D2	A1	A2	A3
8T5HE/COR/22-840/MF10/G 25/1	15.3 mm	18.2 mm	549 mm	554.9 mm	563.2 mm

Photometric data

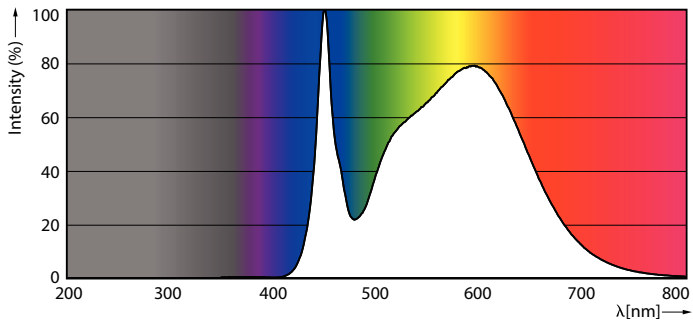


LEDtube COR NAM1 8W G5 1000lm-LDD



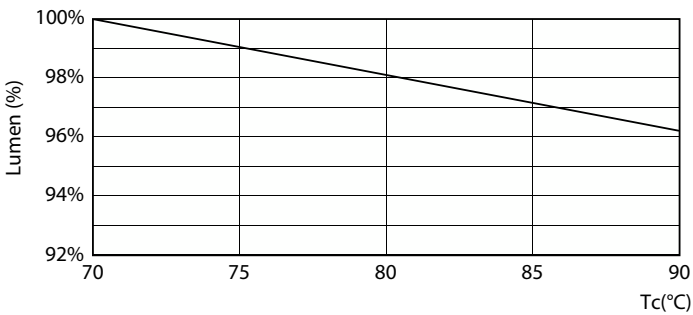
LEDtube COR NAM1 8W G5 1050lm 840-GUL

Photometric data

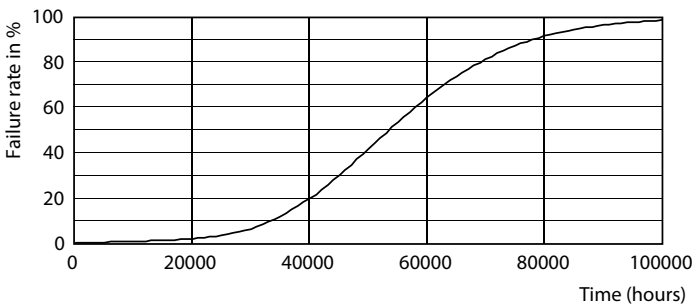


LEDtube COR NAM1 8W G5 1050lm 840-POC

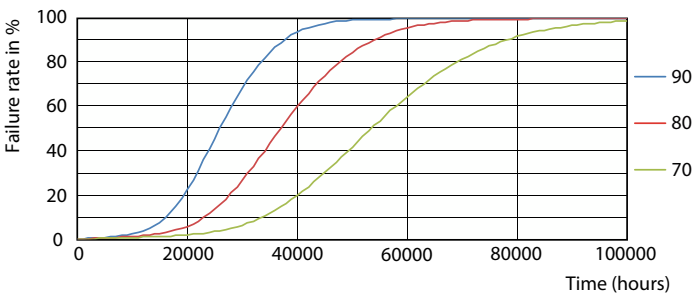
Lifetime



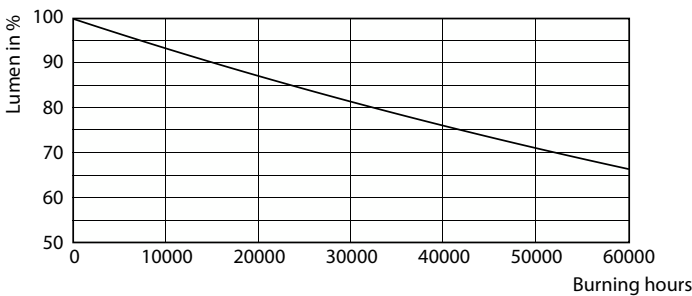
LEDtube COR NAM1 8W 50K LumenVsTc-LMP



Life Expectancy Diagram



FailureRate



Lumen Maintenance Diagram

Lifetime



LifetimeVsTc

