



T5

14T5HE/COR/46-850/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

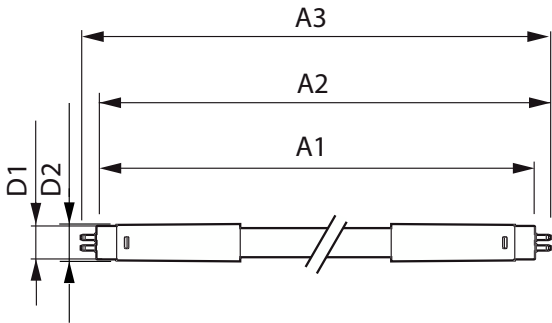
General information	
Base	G5 [G5]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Light technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	2100 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	150.00 lm/W
Color Consistency	<5
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	14 W
Lamp Current (Max)	145 mA
Lamp Current (Min)	55 mA
Starting Time (Nom)	0.5 s

Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type B; UL classified double end
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	70 °C
Controls and dimming	
Dimmable	Limited
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	48 in
Bulb Shape	Tube, double-ended
Approval and application	
Energy Saving Product	Yes

Approbation Marks	RoHS compliance UL certificate DLC compliance
Product data	
Order product name	14T5HE/COR/46-850/MF21/G 25/1
EAN/UPC - Product	046677576226
Order code	576223

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003123504
Net Weight (Piece)	0.151 kg
Model Number	9290031235

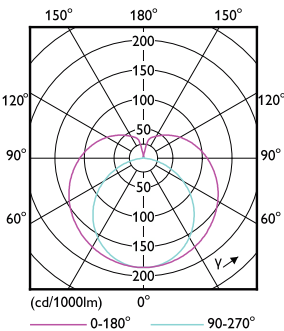
Dimensional drawing



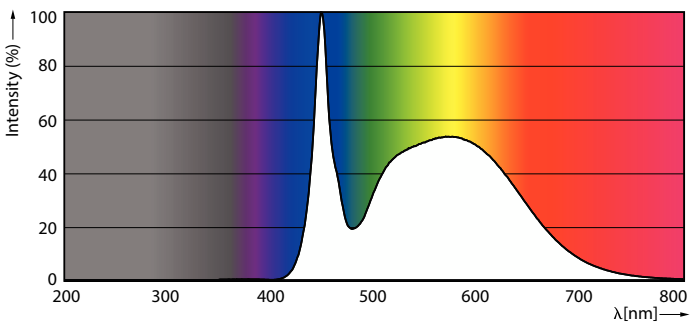
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Product	D1	D2	A1	A2	A3
14T5HE/COR/46-850/ MF21/G 25/1	15.3 mm	18.2 mm	1149 mm	1154.9 mm	1163.2 mm

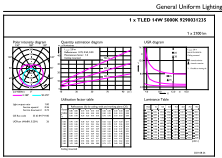
Photometric data



LEDtube COR NAM1 8W G5 1000lm-LDD

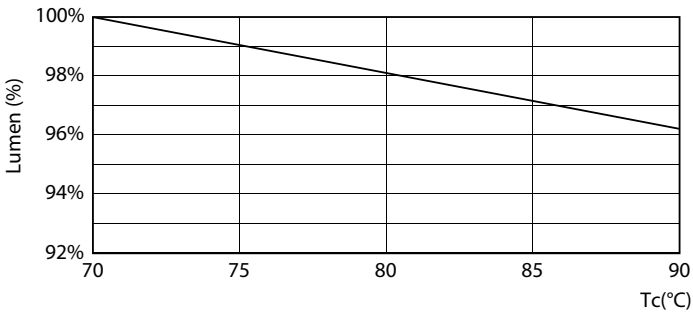


LEDtube COR NAM1 8W G5 1050lm 850-POC

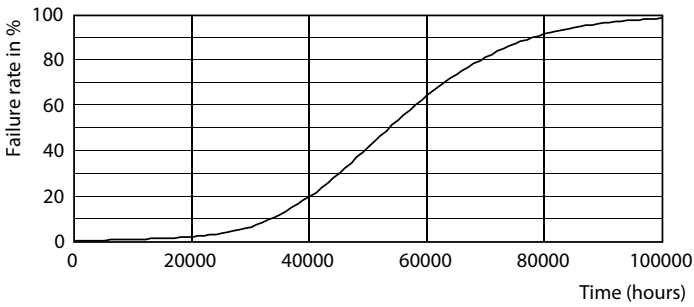


LEDtube COR NAM1 14W G5 2100lm 850-GUL

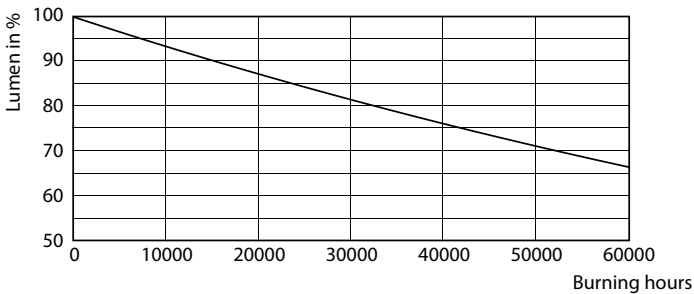
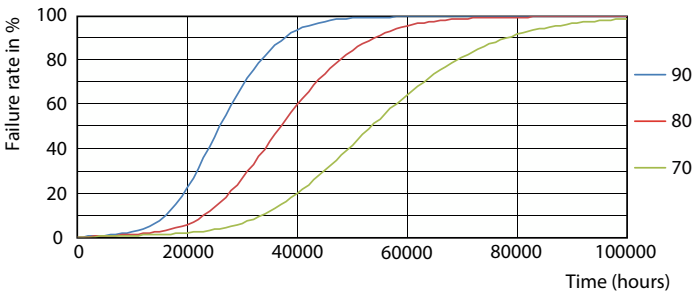
Lifetime



LEDtube COR NAM1 8W 50K LumenVsTc-LMP

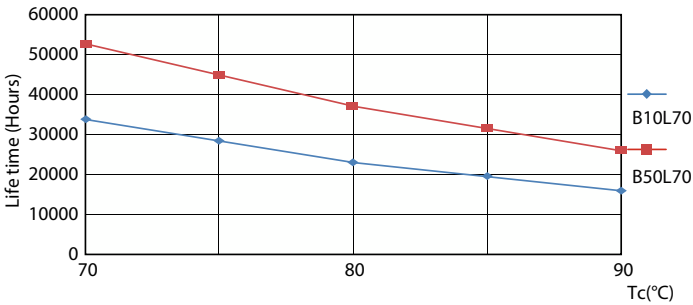


Life Expectancy Diagram



FailureRate

Lumen Maintenance Diagram



LifetimeVsTc

