



T5

10T5HE/COR/34-850/MF14/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	50000
Tier	CorePro
Light technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	200 °
Initial lumen (Nom)	1400 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	140.00 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)	10 W
Lamp Current (Max)	105 mA
Lamp Current (Min)	40 mA

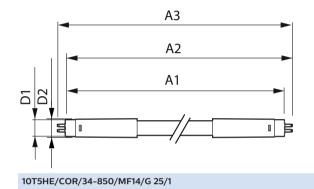
Wattage Equivalent	21 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	TLED_Type B; UL classified double end
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	158 °F
Controls and dimming	
Dimmable	Limited
Mechanical and housing	
Bulb Finish	Frosted
Bulb Material	Glass
Product Length	35-7/16 in
Bulb Shape	Tube, double-ended

Datasheet, 2022, October 29 data subject to change

Approval and application	
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Product data	
Order product name	10T5HE/COR/34-850/MF14/G 25/1
EAN/UPC - Product	046677576196
Order code	576199

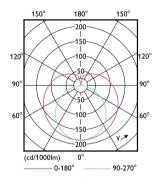
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929003123204
Net Weight (Piece)	0.276 lb
Model Number	9290031232

Dimensional drawing



Product D1 D2 A1 Α2 АЗ 10T5HE/COR/34-850/MF14/G 25/1 5/8 in 3/4 in 33-7/16 in 33-11/16 in 34 in

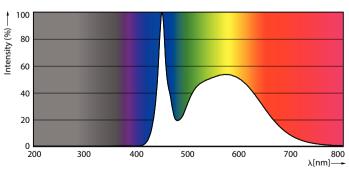
Photometric data





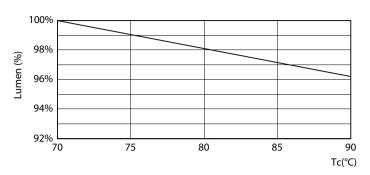
LEDtube COR NAM1 10W G5 1400lm 850-GUL

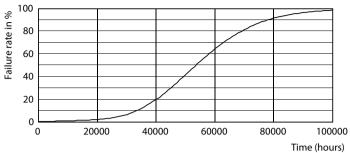
LEDtube COR NAM1 8W G5 1000lm-LDD



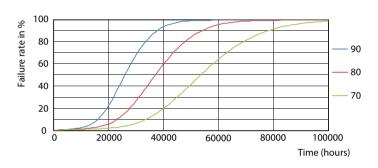
LEDtube COR NAM1 8W G5 1050lm 850-POC

Lifetime

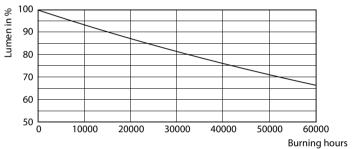




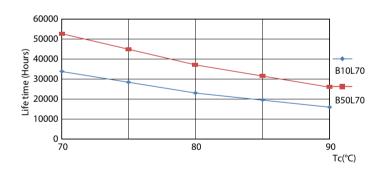
LEDtube COR NAM1 8W 50K LumenVsTc-LMP



Life Expectancy Diagram



FailureRate



Lumen Maintenance Diagram

LifetimeVsTc

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