

Twin Semi-Coated Gold Infrared Tube

Technical parameters of carbon fiber infrared heating lamp tube:

Voltage (v)	24, 36, 72, 100, 110, 115, 120, 220, 230, 235, 240, 380		
Power (w)	70 ~ 5000	Power Tolerance (%)	+5 ~ -10
Length (mm)	100 ~ 3000	Length Tolerance (mm)	±2
Diameter φ (mm)	8, 10, 12, 16, 19	Diameter Tolerance (mm)	±0.5
Electrothermal exchange rate (%)	≥ 98%	Working Temperature (°C)	≤800
Electrical - thermal radiation conversion efficiency	≥ 75%	heating temperature (°C)	≤900
Normal full emissivity (%)	≥ 88%	Infrared Wave Length (μm)	1.5~15
Color temperature (k)	800~1500	Service life (h)	6000
Resistance to sudden changes in heat and cold	Under 1.2 times voltage, 21 cycles of forced or room temperature cooling were normal.	Leakage current (mA)	1.36 times the voltage≤0.5mA

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Comparison of the luminous flux between carbon fiber infrared heating lamp tube and metal heating body electric heat pipe:

No.	Inspection items		Unit	Test result	
		Power (w)		Carbon Fiber	Metal
1	Total luminous flux	400	Lumen	3.50	68.2
2		600		3.70	228.0
3		800		12.6	712.9
4		1000		85.5	2302.5