

LED Light Source

Foreal's LED Light Sources are designed for use with thoroscopes and urology endoscope systems. Integrated solutions from design to manufacture for medical endoscope, surgical microscope and other medical applications are available.

Key Features

- Exceeds the brightness of 250W Xenon
- Lifetime: 20,000+ hours
- Cool light, No UV or IR
- Overheating warning displayed on LCD screen
- Output power displayed on LCD screen



General Specifications

Item	M2000 CE (Typical)	M2000 (Typical)	M1000 (Typical)
Flux Without Fiber Light Guide	2400lm	2400lm	750lm
Flux Reference From Light Guide	800lm	800lm	300lm
Correlated Color Temperature	6500K-7300K	6500K-7300K	5000K-10000K
Color Rendering Index	70	70	70
Spectral Output	400nm-700nm	400nm-700nm	400nm-700nm
Manual Brightness Control	10%-100%	10%-100%	10%-100%
Fiber Interface	Φ5 Wolf	Φ5 Wolf	Φ5 Wolf
Dimension (WxHxD)	270x100x321mm	270x125x242.5mm	98x69x157mm
Net Weight	3.8kg	3.8kg	0.55kg

Electrical Specifications

Item	M2000 CE (Typical)	M2000 (Typical)	M1000 (Typical)
Maximum Power Consumption	100W	100W	20W
Universal Power Supply	(100-240)VAC, 50/60Hz		

Note: to prevent over heating, the light cable dimensions should match the dimensions of endoscope light cable inlet.