

LED Light Module

Foreal's M Series LED Light Modules combine the most advanced technology in solid state lighting, precision optics and thermal management to deliver bright and uniform white light.

Key Features

- Small size, easy fit
- Multiple control and functional interfaces
- Easy and rapid installation
- Instant On/Off (no warm up time)



General Specifications

| Model | M101 (Typical) | M102 (Typical) | M103 (Typical) | M201 (Typical) |
|---|--|----------------------------|----------------|----------------|
| LED | 80W | 35W | 35W | 20W |
| Flux Without Fiber Light Guide | 2400lm | 800lm | 800lm | 600lm |
| Best Matched Fiber Guide | Φ5mm, NA>0.6 | Φ4μm, NA>0.6 | Φ4μm, NA>0.6 | Φ2.5mm, NA>0.6 |
| Flux With Best Matched Fiber Guide | 800lm | 300lm | 300lm | 190lm |
| Intensity Of Illumination With Best Matched Fiber Guide | 80000lx | 33000lx | 33000lx | 18000lx |
| Color Rendering Index | 70 | 70 | 90 | 70 |
| Correlated Color Temperature | 6500K-7300K | 5500K-7500K | | |
| Dimensions (WxHxD) | 95x105x130mm | 70x75x115mm | | |
| Net Weight | 1.1kg | 0.6kg | | |
| Suggested Application | Rigid Medical Endoscope | Flexible Medical Endoscope | | |
| Spectral Output | 400nm-700nm | | | |
| Manual Brightness Control | 10%-100% Adjustable | | | |
| Functional Interfaces | <ul style="list-style-type: none"> • Automatic Shut Off If Fiber Not Inserted • Warning Control • Temperature Monitor Control • Current Monitor Control • LCD Control | | | |

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