

SUPER BRIGHT LED LIGHTING MODULE

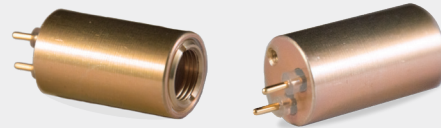
EASILY INTEGRATED INTO ENDOSCOPIC DESIGNS

Acera's Patented Lighting Module

The Acera Lighting Module comprises patented technology and components which enable an unprecedented 90% of the light from an LED to be focused into an optical fiber light guide. This gives you a combination of patented optics with best in class LED all housed in a plug and play unit with gold contact pins for easy attachment of electronics to a powerful light source.

This compact high-quality device is made with pride in Massachusetts, USA.

Actual Size



⚠ Notice ⚠

Heatsink is required as this unit generates heat. Ask us about incorporating this module and our control circuit into your products. **Call for additional information at 978-998-4281.**

Optic Module Specifications

Color Temperature	nominal 5000 K (CCT)
Light source intensity	210 Lumens
Patented Optical Module	delivers up to 90% of the light
Overall length	23.9mm (0.94in)
Overall diameter.....	13mm (0.51in)
Weight.....	5.8gm (0.2oz)
Power requirement.....	3.2VDC, 0-1000mA
Input pins (1mm Diameter)	5.0mm spacing
LED emits	290 Lumens at 1Amp

Optical path sealed with sapphire window protecting the lens and LED
 Patented optic module elliptical lens delivers up to 90% of the light produced by the LED

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Custom Developers Kit

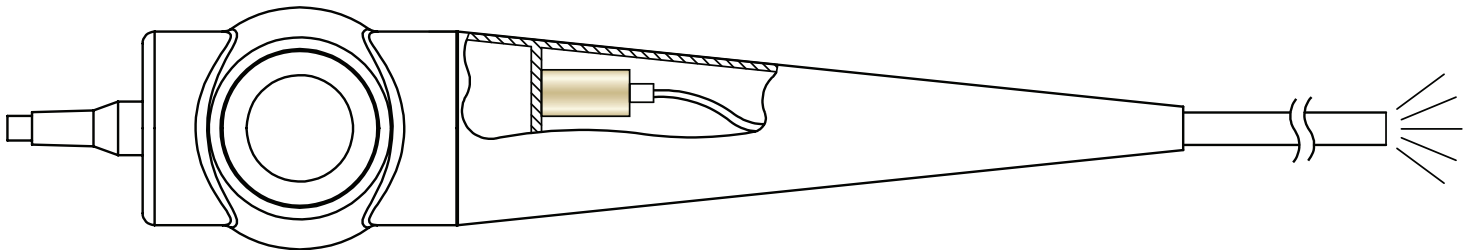
Choice of components based on your needs:

- (2) LED optic modules with insulators and wires and sockets, 12" long
- (2) Universal Scope Adapters
- (2) ACMI Scope Adapters
- (2) Wolf Scope adapters
- (2) Fiber light guide adapters, threaded. (specify fiber diameter)
- (2) LED controller boards, (can be supplied potted or unpotted)
- (2) large potentiometers
- (2) mini-potentiometers
- (2) heat sinks
- (2) battery sleds and connector boards
- (2) wiring diagrams

Price upon request

Our Developer's Kit has everything you need to integrate an LED Module

Simply attach your fiber optic bundle to our Optic Module, mount it inside your device, & power it with one of our electronic controls.



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