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850nm, 8mW, 1500mA, SMA Connector, Fiber-Coupled LED



Fiber Coupled LEDs

Stock **#23-741** **1 In Stock**

⊖ 1 ⊕ £640⁰⁰

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Volume Pricing

Qty 1+	£640.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

~10,000 **Operating Lifetime (hours):**

Contents of Kit:
 1 x Mounted LED
 1 x LED Driver
 1 x SMA Cable for Modulation
 1 x ø600µm, 1m Length, 0.22NA, MM Patchcord

Note:
 5VDC Power Supply sold separately

Optical Properties

Infrared	Color:
850 (Nominal)	Wavelength (nm):
30 (FWHM)	Bandwidth (nm):

Electrical

1500 (maximum)	Current (mA):
8 (typical, with $\phi 600\mu\text{m}$ Core Fiber)	Output Power (mW):
3.85	Forward Voltage (V) :

Hardware & Interface Connectivity

SMA	Connector:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 233:

Product Details

- Center Wavelengths from 375 - 1050nm
- Integrated Heat Sink for Thermal Management
- Continuous, TTL, or Analog Modulation Operation

Fiber Coupled LEDs are available in a broad selection of nominal wavelengths covering the UV, visible, and NIR spectra. Each fiber coupled LED consists of a single LED mounted to a heat sink housing with a SMA connector and slotted holes, enabling easy mounting to optical benchtops. Each stock number includes a 1 meter long, 0.22NA, $\phi 600\mu\text{m}$ SMA Cable which can be collimated using our [Lightpath® Fiber Optic Collimators](#). The included driver allows for continuous or modulated (TTL and analog) operation of the LED and has a physical knob for output intensity adjustment. Fiber Coupled LEDs are ideal for use in microscopy, life science, or general lab applications where they can serve as alternatives to low power lasers.

Note: A5VDC Power Supply, sold separately, is required for operation. See the accessories tab for the recommended power supply for your region.

Technical Information

