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405nm, 8mW, 1400mA, SMA Connector, Fiber-Coupled LED



Fiber Coupled LEDs

Stock **#23-728** CLEARANCE CONTACT US

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+

A\$1,280⁰⁰

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Volume Pricing	
Qty 1+	A\$1,280.00 each
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Product Downloads

General	
Operating Lifetime (hours):	
~10,000	
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	

	Color:
Violet	
	Wavelength (nm):
405 (Nominal)	
	Bandwidth (nm):
12 (FWHM)	

Electrical

	Current (mA):
1400 (maximum)	
	Output Power (mW):
8 (typical, with ø600µm Core Fiber)	

	Forward Voltage (V) :
3.45	

Hardware & Interface Connectivity

	Connector:
SMA	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	

	Reach 233:
Compliant	

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, ø600µm 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

