

# Prizmatix

## Portable-FC-LED Portable Fiber Coupled UV LED Light Source

Ver. 1

### Introduction

The portable, battery operated fiber-coupled high power UV LED light source designed for field application such as Non Destructive Test NDT inspection by Borescope but may be used in many other applications like spectral illumination for portable spectroscope.

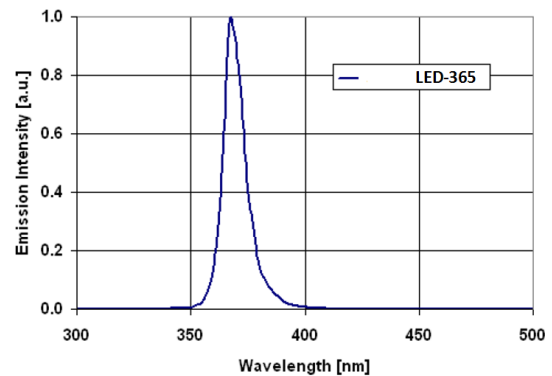
The battery operated fiber coupled LED module is available also at following wavelengths:

365nm, 385nm, 390nm, 395nm, 400nm, 405nm, 410nm, 415nm, 420nm, 425nm, 430nm, 435nm, 440nm, 445nm, 455nm, 460nm, 465nm, 470nm, 480nm, 595nm, 500nm, 505nm, 515nm, 535nm, 540nm, 595nm and 630nm (other wavelengths on request).



### Features

- Robust metal enclosure
- High Power (>50mW at most wavelengths with 1500micron core POF fibers. Please inquire regarding specific wavelength power)
- Reciprocal SMA fiber connection
- Precisely adjustable power by 10 turns potentiometer
- Long life (no lamp replacement required)
- Instant warm up time
- Custom optical fiber available



### Specifications:

**Box dimensions:** 75mm x 40mm x 120mm (W x H x L) without extrusions

**Batteries:** standard or rechargeable 2 x 9V batteries

**Operation Time:** >90 min



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