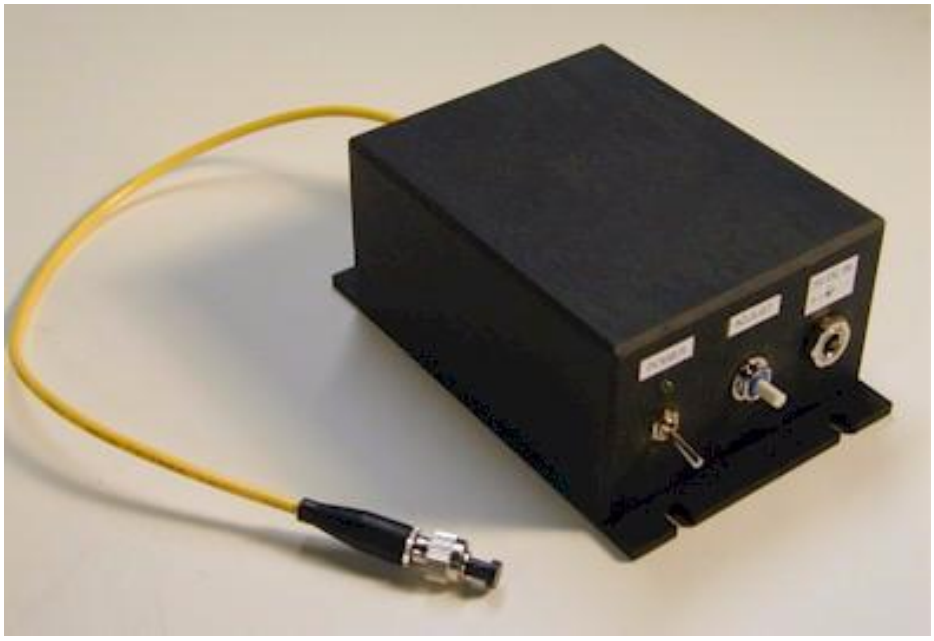
# 780nm 2mW 10nm Bandwidth Benchtop LED Light Source



## Product Description

LED light sources feature a broad spectrum, high energy efficiency, long lifespan, compact design, and ease of operation, making them widely applicable in fields such as sensors, instruments, and biomedicine.

## Product features

High energy efficiency; High stability; Low coherence; Compact modular design; Long lifetime

## Part Number

MP-LEDS-780-2-10

## Application area

Optical sensing | Bioimaging | Industrial inspection | Communication experiments | Instrument calibration

## Core parameters

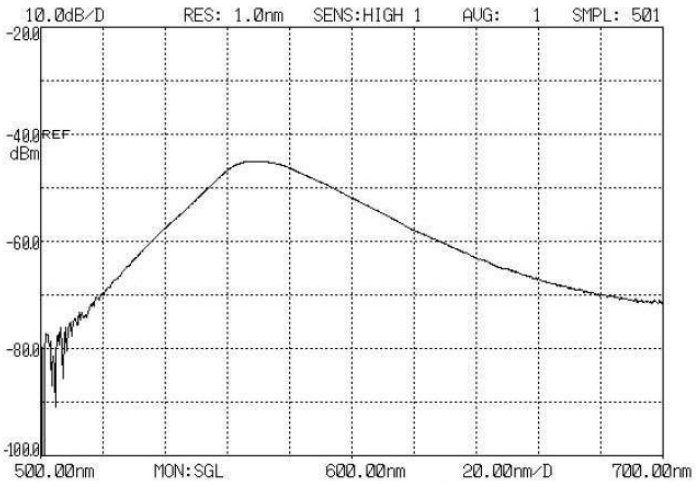
| Center Wavelength | Bandwidth | Power |
|---|---|---|
| 780nm | 10nm | 2mW |

## General Parameters

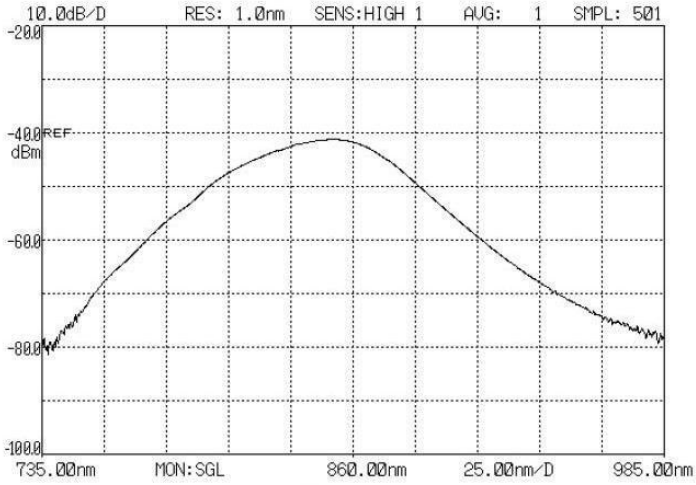
**Detailed Parameter**

| Parameter | Unit | Value | | |
|---|---|---|---|---|
| Center Wavelength | nm | 365-970 | 1000-1650 | 1750-4600 |
| Bandwidth | nm | 10-50 | 50-150 | 150-900 |
| Output Power | mW | ~1-10 | ~1 | ~1 |
| Connector | | ST, FC, SMA | | |
| Fiber Type/Core Diameter | μm | MMF/core: 50, 62.5, 100, 200, 400, 800, 1000 | | |
| Control Voltage* | mV | 0-750 | | |
| Control Input Impedance* | kΩ | 20 | | |
| Modulation Rise Time* | μs | 0.3 | | |
| Power Supply（Turn-key） | | 110-120 VAC/60 Hz, 220-240VAC/50Hz | | |
| Power Supply（OEM） | | 5VDC, 70 mA | | |
| OperatingTemperature | °C | 10-40 | | |
| Dimensions | mm | 50 x 90 x 130 | | |
| *Optional, available only for versions with a control signal. | | | | |

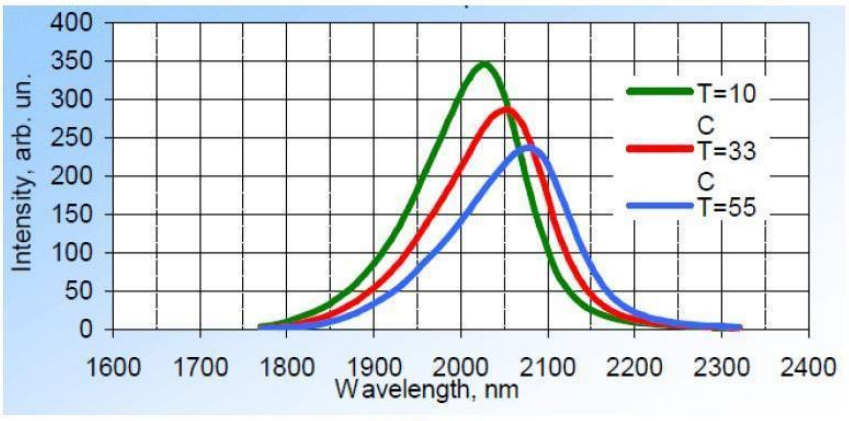
# Characteristic Curves




570 nm




850 nm




2025 nm