



## LED880-1F0

- Fiber Coupled LED
- 880 nm
- 1 mW CW
- 600 µm fiber
- CE certified
- 1 Year warranty



### Description

**LED880-1F0** is a fiber coupled LED, emitting at a wavelength of typically **880 nm**, with an output power of **1 mW at the tip of the 600 µm fiber**. It consists of the LED unit with SM905 connector and a 1 m 600 µm fiber, a control unit, and a separate power supply, supporting a wide input voltage range of 90-260 VAC. TTL or Analog modulation and different fibers (400, 600, 800, 1000 µm) are optionally available. **LED880-1F0** is RoHS compliant, CE certified, and comes with a **1 Year warranty**

### Electro-Optical Characteristics (T<sub>CASE</sub> = 25°C)

Parameter	Values	Unit
<b>Wavelength</b>	<b>880</b>	<b>nm</b>
Half Width	50	nm
<b>Output Power</b>	<b>1 mW (with 600 µm fiber)</b>	<b>mW</b>
Operating Mode	CW	
<b>Fiber Core Diameter</b>	<b>400*, 600, 800*, 1000*</b>	<b>µm</b>
Fiber Length	~ 1	m
Fiber NA	0.22	
Fiber Connector	SMA905	
Maximum Current	1000	mA
Forward Voltage	1.7	V
Warm-up time	< 5	min
Operating Temperature	10 ~ 35	°C
Storage Temperature	-20 ~ 80	°C
Input Power	5 VDC, 5 A	
Power Supply	100-240	<b>VAC</b>
Expected Lifetime	10000	hours

\* optionally available





## Options

Options	Description
Modulation input	TTL or Analog modulation input

## Outline Dimensions

