

**Features:**

- 100 mW ex 50/125  $\mu$ m, 250  $\mu$ m coated, step-index fiber
- wide optical spectrum

**Applications:**

- fiberoptic sensors
- optical measurements
- low speckle illumination

**Packages:**

- *fiber coupled* – Butterfly

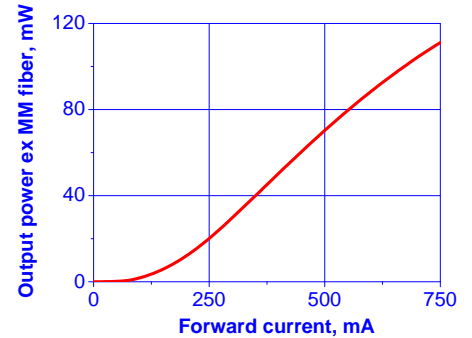
**Specifications**

(nominal emitter stabilization temperature is +25 °C)

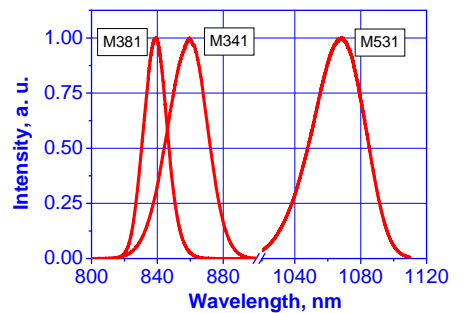
Parameter		Min.	Typ.	Max.
Output power ex 50/125 MMF, mW			100	110
Forward current, mA			750	900
Forward voltage, V				2.8
Mean wavelength, nm	SLD-M381	825	840	855
	SLD-M341	840	855	870
	SLD-M531	1045	1065	1080
Spectrum width, nm	SLD-M381	12	15	
	SLD-M341	20	25	
	SLD-M531	35	40	
Operating temperature, °C		-55		+60
Storage temperature, °C		-55		+85
Cooler current, A				2.5
Cooler voltage, V				3.8

**PERFORMANCE EXAMPLES**

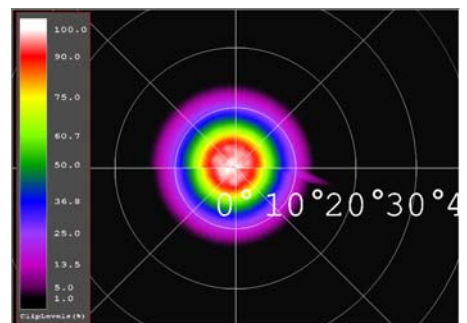
Typical light-current characteristic



Typical spectra at 100 mW ex MM fiber



Far field emission pattern



The following part numbers should be used when **ordering**:

- SLD-M381-DBUT-MM-PD-FC/APC,
- or
- SLD-M341-DBUT-MM-PD-FC/APC,
- or
- SLD-M531-DBUT-MM-PD-FC/APC,

where: PD – monitoring photodiode, FC/APC – connector type.

All specifications are subject to change without notice.

**A lot of customized solutions are available—contact us with your detailed requirements. Free-space TO-9 packaged modules are available upon request.**