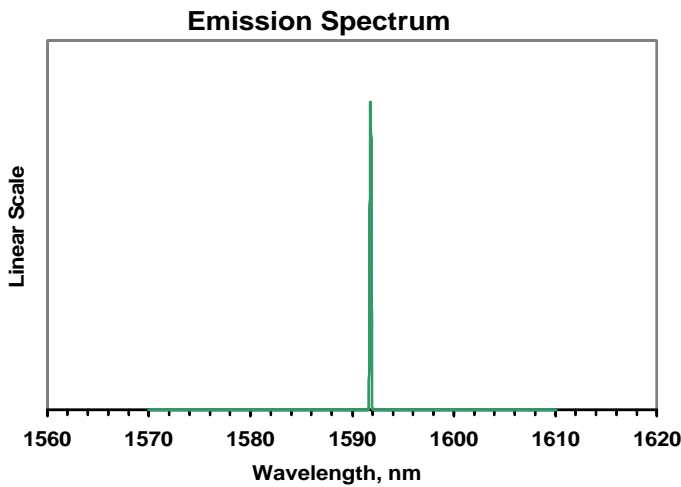
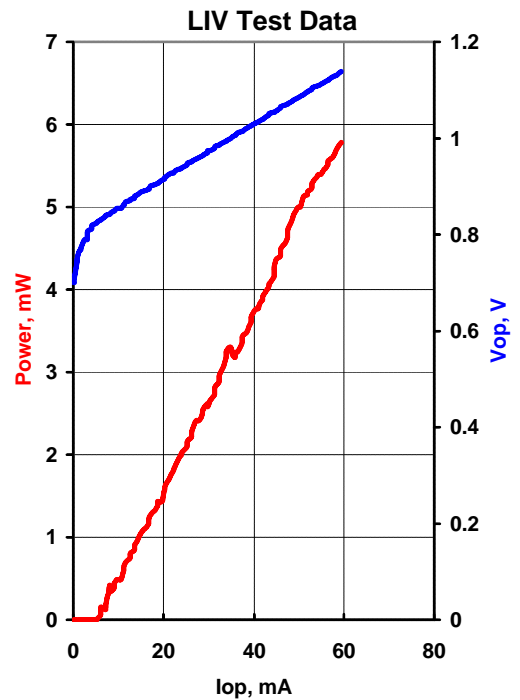




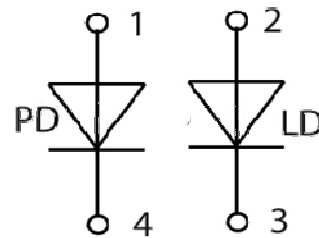
| | |
|--------------------|-----------------|
| MODEL | QDFBLD-1590-5AX |
| PART NUMBER | SAMPLE |

| Parameter | Value | Units |
|----------------------------------|-----------|-----------|
| Case Temperature | 25 | °C |
| Optical Output Power | 4 | mW |
| Threshold Current | 6 | mA |
| Operating Current | 42 | mA |
| Maximum Operating Current | 46 | mA |
| Operating Voltage | 1.04 | V |
| Monitor Current | 0.44 | mA |
| Center Wavelength | 1591.8 | nm |
| Spectral Width | <0.01 | nm |

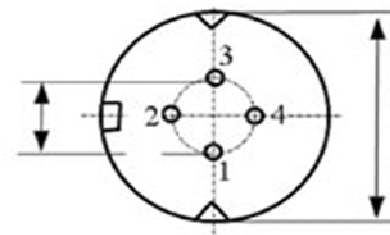


| | |
|-------------------|-------|
| Fiber Type | SMF28 |
| NA | 0.13 |
| Connector | FC/PC |

NOTE
This type of laser diodes must be used with temperature controlled mount.



| Pin | Connection |
|-----|------------|
| 1 | PD Anode |
| 2 | LD Anode |
| 3 | LD Cathode |
| 4 | PD Cathode |



BOTTOM VIEW

| | |
|-----------------|--|
| Operator | |
| Date | |