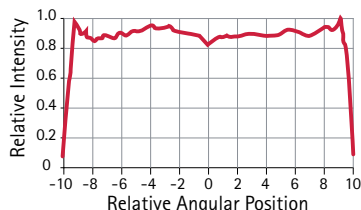






# Structured Light Lasers

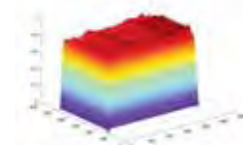
Laser line generators and other structured light pattern projectors









- The Lasiris™ line advantage: uniform (non-Gaussian) line intensity
- Line uniformity down to  $\pm 25$ , 20, or 15%
- From 1 to 99 parallel lines
- User-focusable
- Wide range of fan angles and interbeam angles

Product Description	Diode Power (mW)	Wavelength (nm)	Line Patterns	Other Patterns
 <p><u>SNF LASER</u></p> <ul style="list-style-type: none"> <li>• Most popular &amp; versatile laser series</li> <li>• Rugged shock and vibration resistant design</li> <li>• Two year warranty</li> </ul>	1-200	635-1550	✓	✓
 <p><u>POWERLINE LASER</u></p> <ul style="list-style-type: none"> <li>• Medium power laser line generator</li> <li>• High beam pointing stability</li> <li>• Operating temperature: -20°C to +55°</li> </ul>	500-1000	670, 810	✓	Upon demand
 <p><u>MAGNUM II LASER</u></p> <ul style="list-style-type: none"> <li>• High power laser line generator</li> <li>• External monitoring interface</li> <li>• Rugged industrial-grade design</li> <li>• Key switch &amp; interlock circuit option</li> </ul>	500-7000	635, 680, 808, 810	✓	Upon demand
 <p><u>COLD RAY LASER</u></p> <ul style="list-style-type: none"> <li>• Excellent wavelength and power stability</li> <li>• Thermoelectrically-cooled</li> <li>• Extended lifetime</li> </ul>	5-150	375-830	✓	✓
 <p><u>PUREBEAM LASER</u></p> <ul style="list-style-type: none"> <li>• Single-mode fiber-coupled laser</li> <li>• Laser-welded pigtail assembly</li> <li>• High coupling stability</li> <li>• Temperature-stabilized</li> </ul>	1-60	375-830	✓	✓

Ask about the patented **Flat-Top<sup>2</sup> Generator**, StockerYale's refractive beam shaper that converts a Gaussian beam into a square or rectangular Flat-Top profile.



Product Description	Diode Power (mW)	Wavelength (nm)	Line Patterns	Other Patterns
 <p><u>T-MFL LASER</u></p> <ul style="list-style-type: none"> <li>• Constant line width along entire line</li> <li>• Extremely thin lines down to 9.0 μm</li> <li>• Line length up to 60 mm</li> <li>• Highly efficient optical system</li> </ul>	100	660	✓	✗
 <p><u>GREEN LASER</u></p> <ul style="list-style-type: none"> <li>• High visibility, high contrast laser</li> <li>• Stable output power</li> <li>• Wide range of patterns &amp; fan angles</li> <li>• One year warranty</li> </ul>	1-10	532	✓	✓
 <p><u>GREEN TEC LASER</u></p> <ul style="list-style-type: none"> <li>• Thermoelectrically-cooled laser</li> <li>• Excellent wavelength, power, and pointing stabilities</li> <li>• External focusing</li> </ul>	1-20	532	✓	✓
 <p><u>MINI LASER</u></p> <ul style="list-style-type: none"> <li>• Compact and lightweight</li> <li>• 10 mm diameter</li> <li>• Wide range of patterns &amp; fan angles</li> <li>• Two year warranty</li> </ul>	1-40	635-830	✓	✓
 <p><u>TEC LASERS</u></p> <ul style="list-style-type: none"> <li>• UV, Violet, Blue, Red, and Infrared thermoelectrically-cooled lasers</li> <li>• Extended lifetime</li> <li>• Wide range of patterns &amp; fan angles</li> </ul>	1-150	375-1550	✓	✓
 <p><u>REDUCED SPECKLE LINE GENERATOR</u></p> <ul style="list-style-type: none"> <li>• Diminishes speckle content</li> <li>• Low coherence length</li> <li>• Thermoelectrically-cooled</li> <li>• Extended lifetime</li> </ul>	3,5	680, 810, 830	✓	Upon demand

**LASER ACCESSORIES:**

- Power supplies
- Mounting brackets
- Wide band pass interference filters
- Polarization filters
- Collimated line heads
- More

**LASER OPTIONS:**

- Linear and TTL modulation
- External power adjustment potentiometer
- Separate driver
- Water-proof and water-resistant housing
- More

Custom and  
OEM options  
available

Information and specifications contained herein are deemed to be reliable and accurate. StockerYale reserves the right to change these specifications at any time without notice.



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