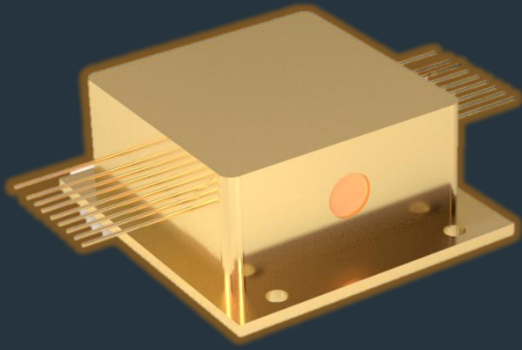


powerMir

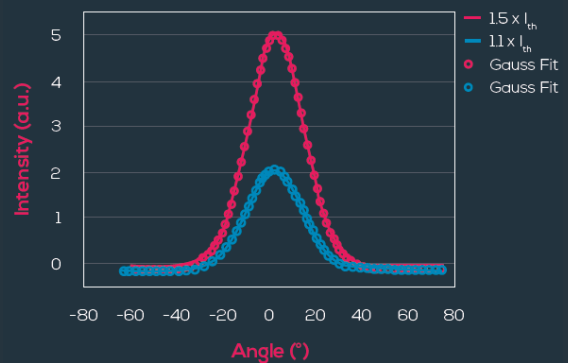
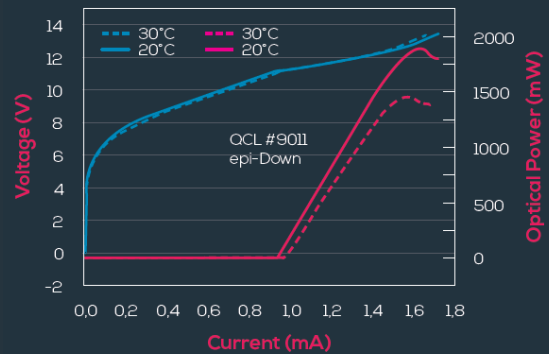
HIGH POWER QCL FOR DEFENSE APPLICATIONS



Features

- ▶ 100% "made in Europe"
ITAR FREE
- ▶ High Beam Quality (pure TM00, Gaussian beam)
- ▶ High Wall plug efficiency
- ▶ Continuous mode and Pulsed mode (QCW/CW)
- ▶ Customized wavelengths available on demand

Specifications



Wavelength available:	4.6 μ m – 4.0 μ m more wavelengths available on a custom design basis
Output Power (typ):	>1.6W (@ 4.6 μ m/20°C)
Beam quality:	TM00, $M^2 < 1.5$
Package	HHL package

Example of High Power @ 4.6μm

• Wavelength	4.65 μm < λ < 4.84 μm
• Maximum Average Power	1.63 W (@20°C)
• Operating Temperature	<40°C
• Beam Quality	TM00 / M ² = 1.3
• Divergence (example)	2.6 mrad S.A divergence 4.3 mrad F.A divergence

