

# **Ocelot**

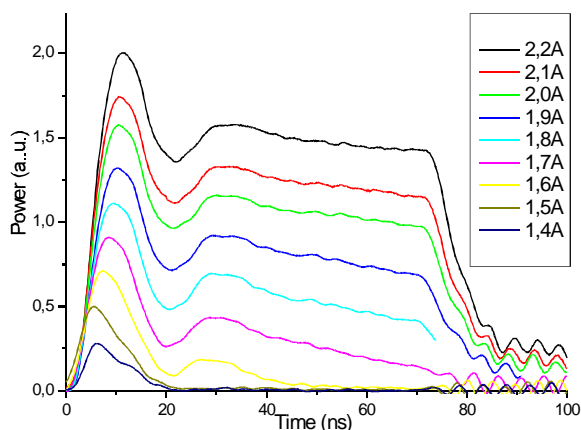
*designed for  
MIR - Spectroscopy*

High Brilliance  
Pulsed QCL Laser

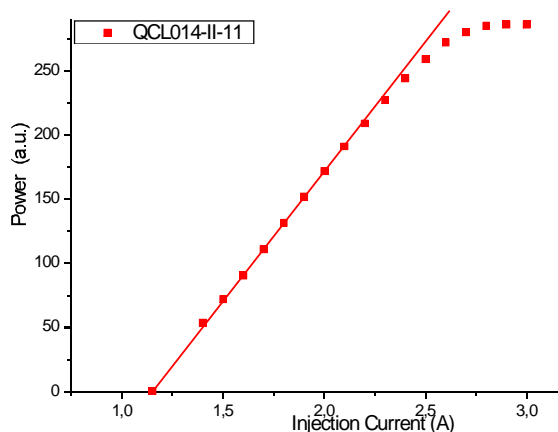


***New QCL Technology***

## Pulsed Laserlight



## P-I curve



## Specifications

Output Power	up to 40 mW
Wavelength	5 $\mu\text{m}$ ... 12 $\mu\text{m}$ , please ask us for your desired wavelength
Pulse Length	5 ns ... 500 ns
Repetition Rate	1 Hz ... 10 MHz
Power Supply	Pilot 5000 Laserdriver
Temperature Control	TEC cooled
Temperatures	-25°C ... 50°C

specifications are subject to change without further notice

## Applications

IR - Spectroscopy

Free-Space Telecommunication

Medical Applications

## Specials

Both facets of the lasers are accessible, and the light is collimated on both sides. Integrated pulse electronics for high pulse resolution.

## Please contact us

Sacher Lasertechnik  
GmbH  
Hannah Arendt Str. 3-7  
D-35037 Marburg/Lahn  
Germany  
Tel.: +49 6421 305 - 0  
Fax: +49 6421 305299

Sacher Lasertechnik  
LLC  
5765 Equador Way  
Buena Park, CA90620  
U. S. A.  
Tel.: 1-800-352-3639  
Fax: 1-714-670-7662

Email: [contact@sacher.de](mailto:contact@sacher.de)  
Web: <http://www.sacher.de>

