

# THINKING BEYOND Unique laser diodes to empower your vision





## THINKING BEYOND Unique laser diodes to empower your vision

TOPTICA

TOPTICA EAGLEYARD is a global leading provider of high power laser diodes with wavelengths from 630 nm – 1120 nm based on GaAs (Gallium Arsenide). Our products combine maximum power, great durability and excellent beam quality – a perfect match for high-end applications.

We put responsibility and innovation first and transform research-based know-how into market-ready products with the highest degree of professionalism and a special focus on highly integrated components.

### **OUR VISION**

We shape the future with our unique laser diodes: With our clients, we go beyond. Together we reach the unreachable.



"We're THINKING BEYOND. Each and every individual employee does it every day and that's what makes our manufacturing so special. We stand for innovation and fulfill even the highest level of expectations. Let's inspire one another and think beyond to reach the unreachable."

Claus Heitmann, CEO



### THINKING BEYOND – WE KNOW YOU DO, TOO!

We know you also think beyond and want to be one step ahead. We place great emphasis on finding the right solution for your special application requirements. We consult, we test and we work closely together with you to help you reach your targets. Your goals matter to us!

Use the product finder and select different criteria to find the ideal product for you!





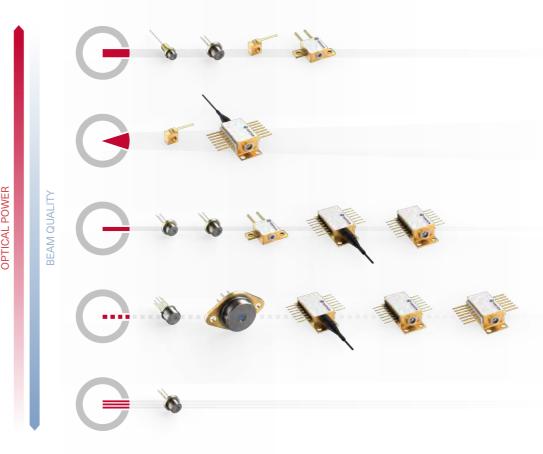
### **APPLICATIONS**

Our unique laser diodes can be utilized in various applications to make a true difference for you and your work. We're here to empower your vision!

Cold Atom Interferometry Dental
as Detection (Oxygen) Illumination Imaging (
Interferometry LIDAR Magnetome
Microscopy Nd doped Fiber Pump Oph
Quantum Technology Raman Spectroscopy
Spectroscopy Spectroscopy (Cs D2) S
Spectroscopy (Rb D1) Spectroscopy (Rb D2)
TDLS Terahertz Generation

### **COMPONENTS**

Our unique products are clustered into five different product families sorted by chip designs, differentiated by power and beam quality.





### **Multimode Laser Diodes** Broad area lasers 653 nm – 1064 nm 1 W up to 90 W

**Tapered Amplifiers** *mini*TA 650 nm – 985 nm 250 mW – 3000 mW

Single Mode Laser Diodes Fabry-Perot laser, RWL 808 nm – 1060 nm 100 mW – 800 mW

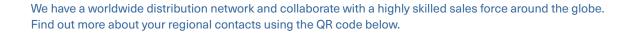
**Single Frequency Laser Diodes** DFB laser, DBR laser, RWS laser, µMOPA, *mini* ECL 630 nm – 1120 nm 6 mW – 2000 mW

Gain Chips **RWE** lasers 655 nm – 1060 nm 20 mW up to 80 mW

# | THINKING BEYOND -| TOGETHER WITH YOU!



We cannot wait to talk to you about your specific requirements and find the ideal solution for you!



### Contact us!



© eagleyard Photonics GmbH Rudower Chaussee 29 | 12489 Berlin, Germany Tel.: +49 30 6392 4520 | Fax: +49 30 6392 4529 E-Mail: info@toptica-eagleyard.com www.toptica-eagleyard.com

TOPTICA EAGLEYARD is part of the TOPTICA group.

