

OPIPHOTONICS

High Brightness BLUE diodes

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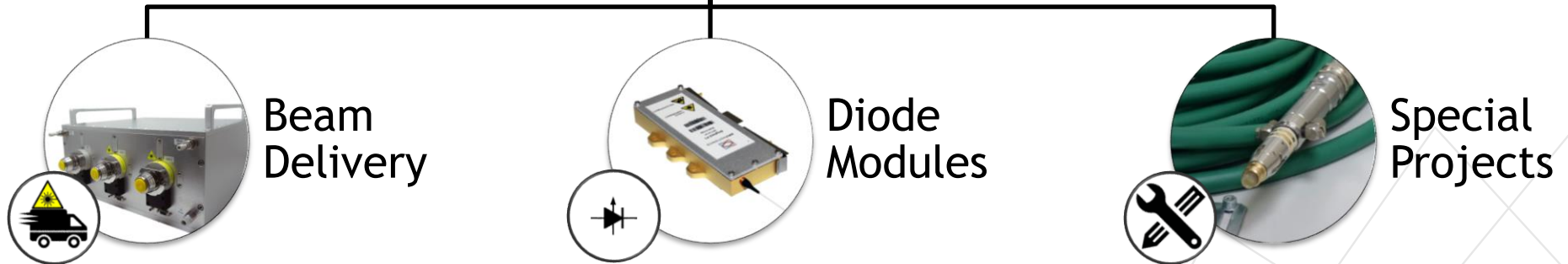
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High Power Beam Delivery

Switch, Coupler, Collimator, Optical systems, Heads

Material processing (Welding, Cutting, AM)

Multi-emitter Diode Packaging

IR 300W 200um 9xx nm
BLUE 10-100W 4xx nm

Fiber laser pumping, Direct diodes

Custom Solutions

Medical, Defence, Food Applications

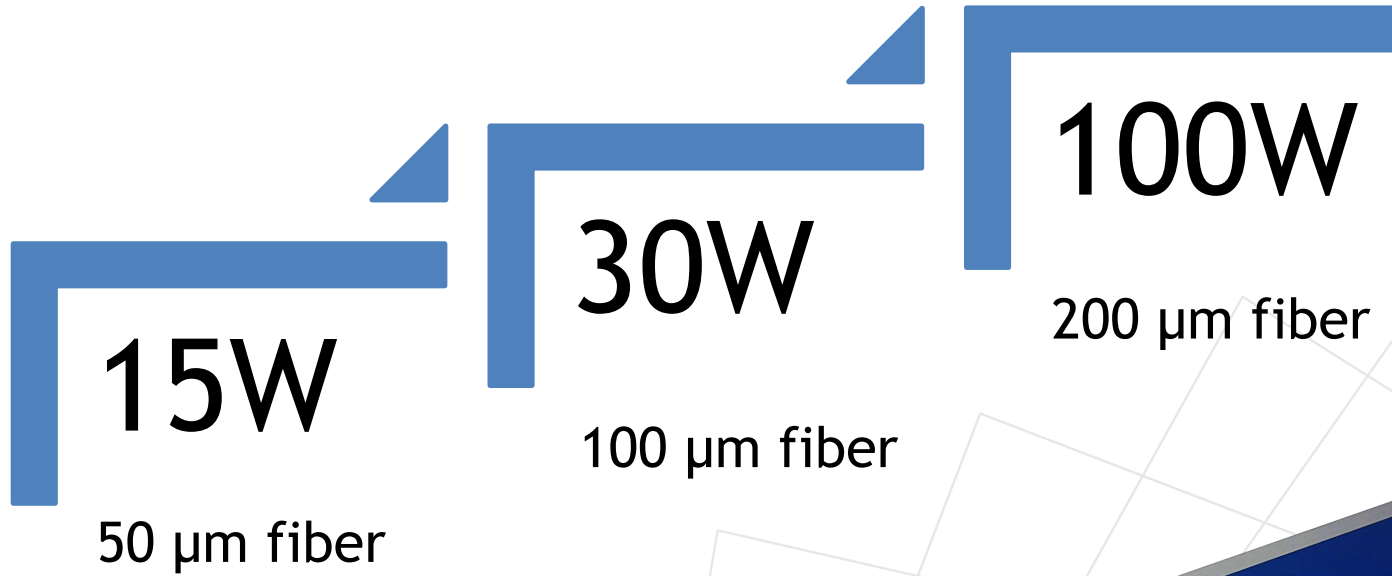
Custom Projects, Funded Projects



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BLUE DIODES







Key features

1. TO based for
 1. Reliability
 2. Security of supply
 3. Easy customization to different wavelengths (405 and 450 nm but also 520 or 638 nm)
2. Patented beam combining architecture
 1. reduced beam NA for higher brilliance
 2. compact size





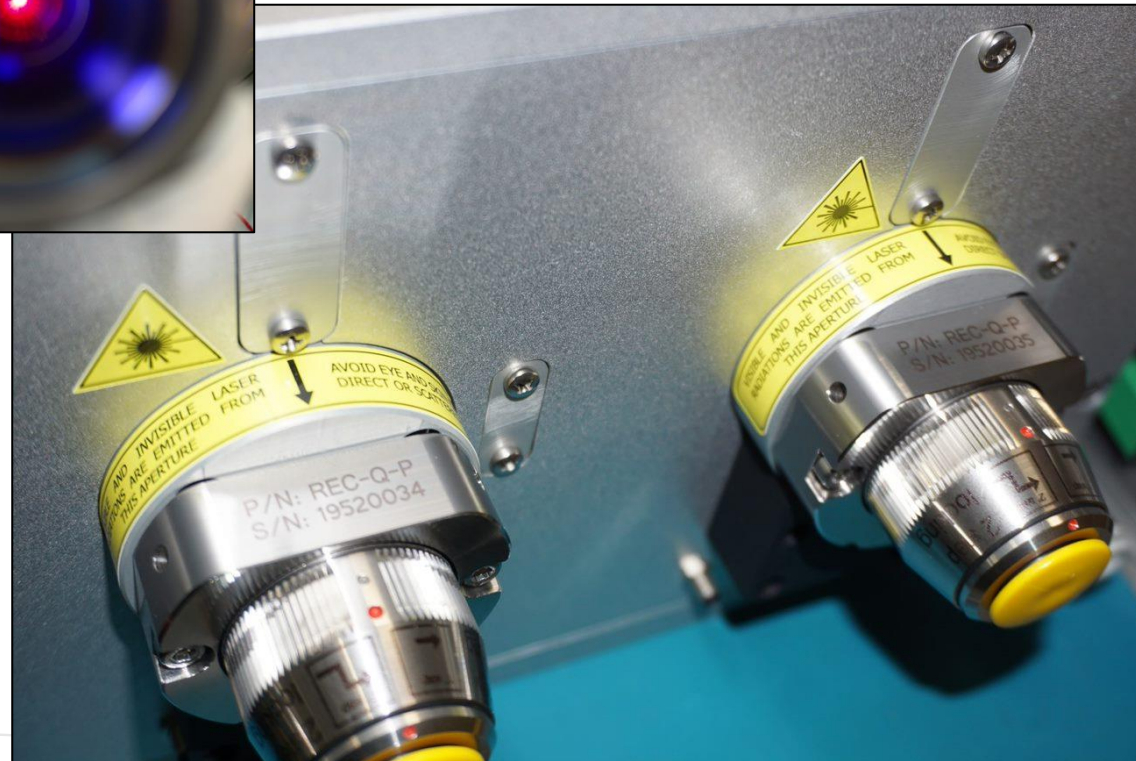
Turn-key system

- Output power: 100W
- Delivery cable: LD80
- Delivery fiber: 200µm, 0.15 NA



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Beam Delivery





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Beam Delivery



Collimators
QBH-QD

Lens OD 25-50mm
EFL 40-250mm
Up to 15kW



BEAM Coupler
CE Marked - PL-e

Lens OD 25-50mm
Magnification 0,8-2
Up to 15kW



BEAM Switch
CE Marked - PL-e

Lens OD 25-50mm
Magnification 0,8-2
Up to 15kW