



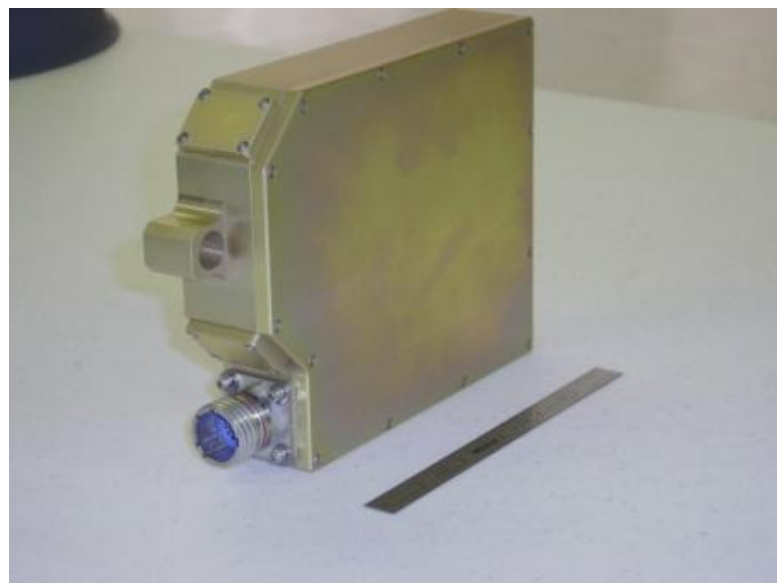
LITE CYCLES, INC.

EYE-SAFE TRANSMITTERS

10, 20, AND 40
MILLIJOULES PER PULSE

LCI offers diode-pumped laser transmitters with unmatched performance in very small and rugged packages. Some of the distinguishing characteristics of LCI's transmitters include:

- Air-cooling (no liquid needed)
- Short pulsewidths
- Compact efficient electronics packages
- Variable pulse repetition frequencies (PRFs)
- Continuous operation
- Wide operating temperature ranges
- ANSI Class I eye-safety (w/beam expander)
- Rugged designs for use in adverse conditions, including:
 - Military applications
 - Desert environments



Energy/pulse	40 mJ	20 mJ	10 mJ
Standard Pulse Repetition Frequency	Up to 100 Hz	Up to 100 Hz	Up to 100 Hz
Avg. Power (at 100 Hz)	4 W	2 W	1 W
Pulsewidth	2 ns	2 ns	2 ns
M ²	3.5	3.5	3.5
λ	1574 nm	1574 nm	1574 nm
Standard Op. Temp. Range	-20 ⁰ to +55 ⁰ C	-20 ⁰ to +55 ⁰ C	-20 ⁰ to +55 ⁰ C
Storage Temp. Range	-40 ⁰ to +65 ⁰ C	-40 ⁰ to +65 ⁰ C	-40 ⁰ to +65 ⁰ C
Dimensions	6" x 12" x 2.75" (15.3 cm x 30.5 cm x 7 cm)	6.75" x 4.75" x 2.36" (17.2 cm x 12 cm x 6 cm)	
Weight	26 lbs.	8 lbs.	5 lbs.

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