

EC 800 - The PICO

Designed for light-duty applications in controlled environments, the PICO laser offers both performance and economy.



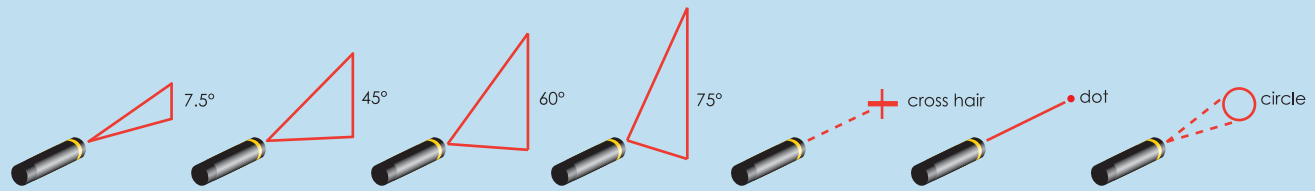
Built into a more compact package, 3.15 inches long and 0.7 inches in diameter, it is easy to install in difficult locations.



The PICO is a 5mW laser and is available in a line (up to 3'), a crosshair or a point with multiple power configurations available to suit your needs.

- **Patented Linear Optics**
- **48-Hour Repair Service**
- **Powershift™ Technology**

EC 800 Specifications/Options



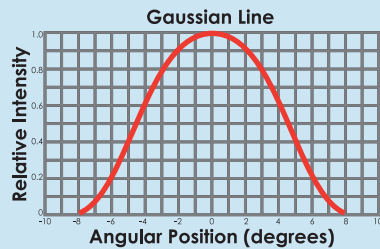
	Optical Power	Line Length	Line Width / Dot Size	Source	Wave-length
EC 805	5 mW	Up to 1m (3.3 ft)	1mm @ 3m distance (0.04 inch @ 10 ft)	Solid state laser diode	635nm
EC 800	1-5 mW	Dot	Focusable dot		635nm
EC 805CH	1-5 mW	Crosshair	2 sizes available		635nm

Cemarine Powershift™

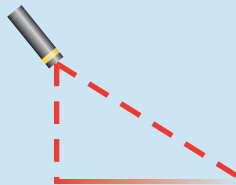
The R & D team at Cemar Electro has developed "Powershift™", a technique to deliver a more uniform line from angle-mounted lasers. Used with our patented linear lens, we are able to shift the laser power to maintain the intensity throughout the length of the line, further enhancing line integrity.

Uniform line Intensity

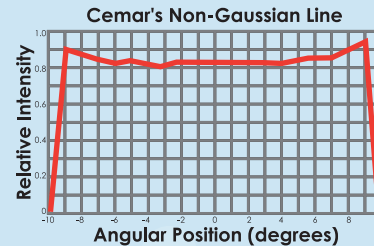
Conventional Lasers use cylindrical optics to spread the light. This creates a line that is bright in the middle but faded at the ends:



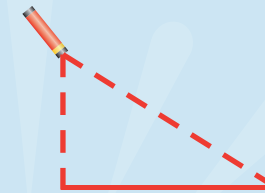
When lasers with cylindrical optics are mounted on an angle, the light loses intensity and fades as it extends outward.



With Cemar Electro's patented linear lens, the projected light is distributed equally over the entire length of the line:



With Cemarine "Powershift™" the laser power is shifted slightly to the far end of the line, delivering a clear balanced line from beginning to end.



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Power Supply: 90~240VAC 50~60Hz
9~35VDC

Power Consumption: 1Watt max.

Operating Temperature:

-10°~40°C 14°~100°F

CAUTION CLASS II LASER PRODUCT 1mW MAX 630-670nm
AVOID DIRECT EYE EXPOSURE THIS PRODUCT COMPLIES WITH PROVISIONS OF US 21 CFR 1040.10, 1040.11

Approvals:



Call us for additional power options to suit your needs.