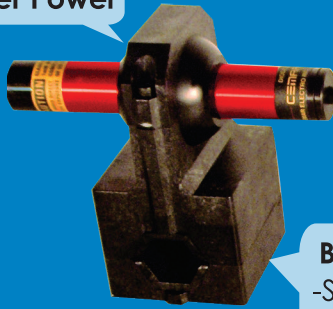




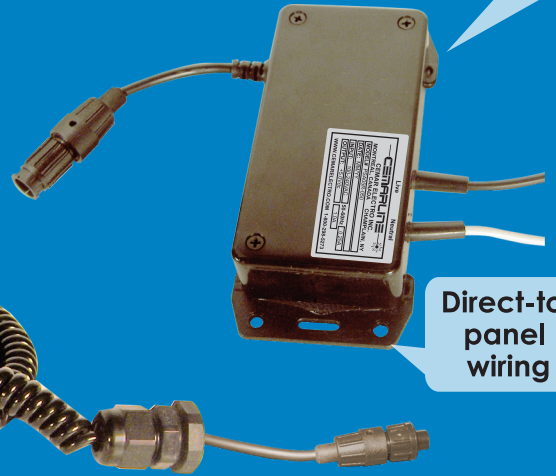
# CL-830B Features

30mW of Laser Power



**Bar mount:**  
-Simple installation  
-Maximum Flexibility

Water proof panel mount connector



90-240Volts Power Supply

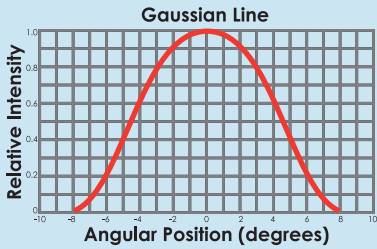
Direct-to-panel wiring

## Cemarlign Powershift™

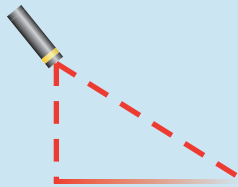
The R & D team at Cemar Electro has developed "Powershift™", a technique to deliver a more uniform line from angle-mounted lasers. Used with our patented linear lens, we are able to shift the laser power to intain the intensity throughout the length of the line, further enhancing line integrity.

### Uniform line Intensity

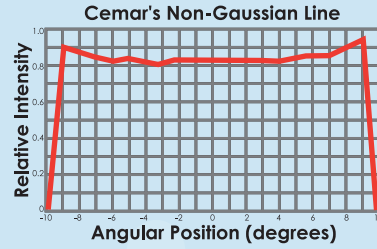
Conventional Lasers use cylindrical optics to spread the light. This creates a line that is bright in the middle but faded at the ends:



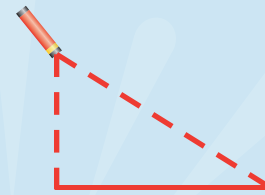
When lasers with cylindrical optics are mounted on an angle, the light loses intensity and fades as it extends outward.



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



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



# CEMARLINE

## Canada:

**Cemar Electro Inc.**  
1370, 55e Avenue  
Lachine, Quebec  
Canada H8T 3J8

Tel: 514-631-5807  
Fax: 514-631-7505  
Toll Free: 1-800-298-5273

[cemar@cemarelectro.com](mailto:cemar@cemarelectro.com)

## United States:

**Cemar Electro Inc.**  
100 Walnut St.  
Champlain, NY  
USA 12919

Tel: 518-298-3065  
Fax: 518-298-2927  
Toll Free: 1-800-298-5273

[cemar@cemarelectro.com](mailto:cemar@cemarelectro.com)

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

**Power Consumption:** 1Watt max.

**Operating Temperature:**

-10°~40°C  
14°~100°F

**Approvals:**



Call us for additional power options to suit your needs.