

# KNOW WHAT YOUR MACHINES ARE DOING

SMART MANUFACTURING SOLUTIONS



## INDICATE ANY MACHINE STATUS OR CONDITION

Caron Engineering's CEI Smart Light System provides easy assessment of a part's progress on a CNC program. With intuitive operator screens, the user can preconfigure recipes for basic light outputs, or use direct set protocol for advanced control of the light stack to dynamically change the light.

## FEATURES

- 6 different colors (white, green, blue, yellow, red, orange), plus one (1) user-defined color
- Programmable audible alarm
- 1000 available modes, 0-255 available via direct I/O
- Use multiple protocols at the same time
- Lights can be mounted/installed anywhere on the machine
- Can directly replace existing status light
- Lights can be in "Steady State", "Blinking", "Flashing" or all 3 at the same time



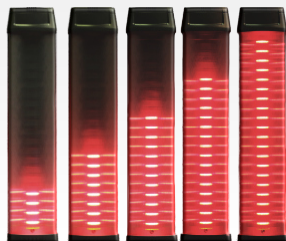
### Single Color

Lights can be any color and can be solid, blink, or flash. Can replace existing status light.



### Level Mode

1 - 20 lights lit in succession and can be any solid color. Used to indicate cycle status (%) or any level.



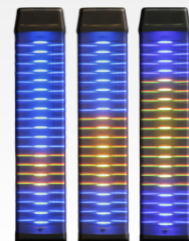
### Segment Mode

Up to 5 light segments. Segments can be any color and be solid, blink, or flash.



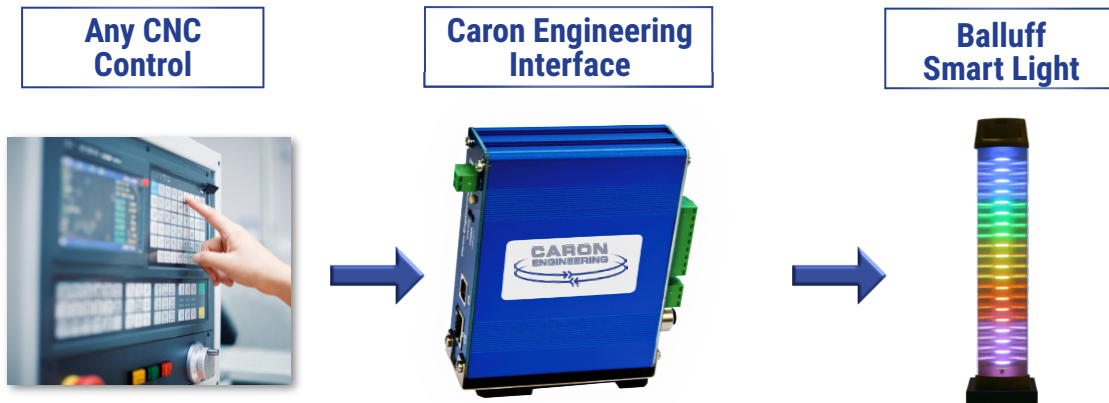
### Run Light Mode

Any foreground color can run over any background color. 1 - 3 segments can be running. Used for special indications.



**Flexible Mode:** Each of the 20 light segments can be a different color

Caron Engineering's (CEI) Smart Light System Controller and configuration software is compatible with all Fast Process Data (Balluff) Smart Lights.



## CONFIGURATION SOFTWARE

**RECIPE BUILDER** builds system configuration with custom modes and communication protocols

**LIVE DEMO MODE** for testing all light configurations before programming recipes



## AVAILABLE COMMUNICATION API's

- RS232
- TCP/IP Ethernet
- USB
- Binary Physical I/O

**MTConnect** COMPLIANT

## OTHER PRODUCTS FROM CARON ENGINEERING



[www.caroneng.com](http://www.caroneng.com)

Caron Engineering, Inc.  
116 Willie Hill Rd.  
Wells, Maine 04090 USA

P +1 (207) 646 - 6071  
E [marketing@caroneng.com](mailto:marketing@caroneng.com)



MADE IN THE U.S.A.