



- Built in Strobe
- 24VDC
- Industrial Connector



# LED BACK LIGHTS

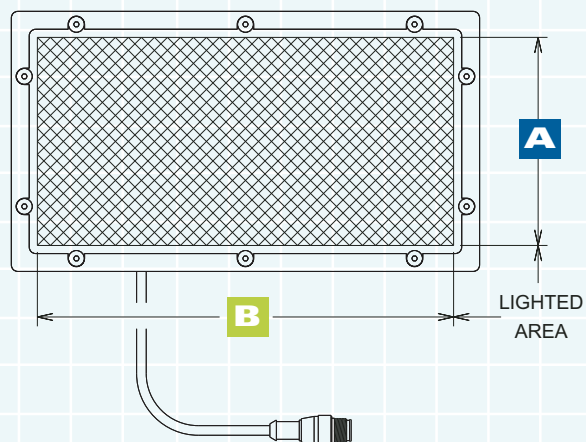
16 Typical Applications: Illumination for profiling the part.

|                                                                                                                                                                                                                                          |                                                  |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>SIZES</b></p> <p>1" x 4"<br/>1" x 8"<br/>2" x 2"<br/>2" x 4"<br/>2" x 6"<br/>3" x 4"<br/>3" x 12"<br/>4" x 4"<br/>4" x 6"<br/>4" x 8"<br/>5" x 6"<br/>6" x 6"<br/>6" x 8"<br/>8" x 8"<br/>8" x 12"<br/>10" x 10"<br/>12" x 12"</p> | <p><b>Custom and larger sizes available.</b></p> | <p><b>Backlights run directly on 24 VDC &amp; have strobe control. Backlights come with standard 4 pin m12 connector</b></p> | <p><i>Other colors are available upon request</i></p> <p>White<br/>Red<br/>IR<br/>Green<br/>Blue</p>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p><b>WORKABLE SURFACES</b></p> <p>Cast Iron Part</p>                                                                                                                                                                                    |                                                  |                                                                                                                              | <p>Larger custom sizes are available upon request.</p> <p>Spectrum Illumination LED Back Lights come in small 2"x 2" thru standard 12"x 12" sizes. Larger sizes are available. Back Lights have hundreds of SMT LED's with a standard 4 pin industrial connector. Back Lights come in 24 Volt DC for the industrial environment. These sturdy lights are housed in a durable industrial Delrin and aluminum enclosure. Back Lights can be strobed or continuous for the output. Available in Red, White, Blue, Green and Infrared versions.</p> |

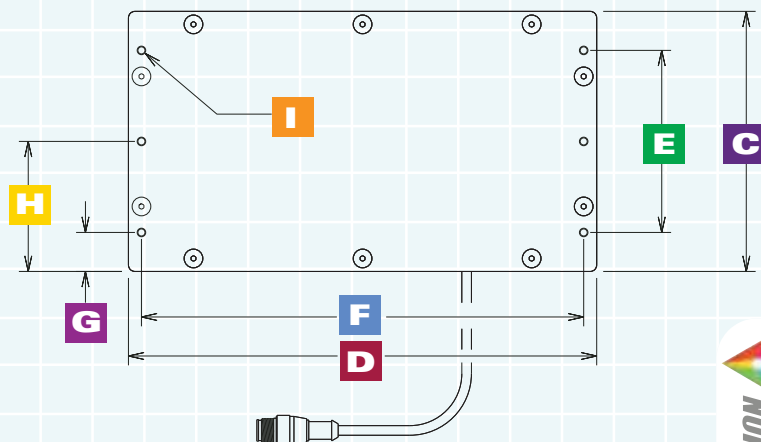


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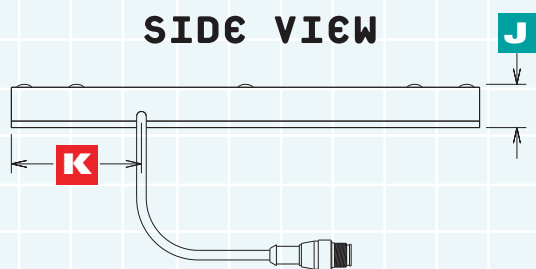
## TOP VIEW



## BOTTOM VIEW



## SIDE VIEW



|        | A   | B   | C   | D   | E      | F      | G     | H     | I                           | J     | K      |
|--------|-----|-----|-----|-----|--------|--------|-------|-------|-----------------------------|-------|--------|
| BL14   | 1"  | 4"  | 2"  | 5"  | 1.50"  | 4.50"  | .25"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL18   | 1"  | 8"  | 2"  | 9"  | 1.50"  | 8.50"  | .25"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL22   | 2"  | 2"  | 3"  | 3"  | 2.50"  | 2.50"  | .25"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.250" |
| BL24   | 2"  | 4"  | 3"  | 5"  | 1.00"  | 4.50"  | 1.00" | N/A   | 2 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL26   | 2"  | 6"  | 3"  | 7"  | 1.00"  | 6.50"  | 1.00" | N/A   | 2 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL210  | 2"  | 10" | 3"  | 11" | 2.50"  | 10.50" | .25"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL34   | 3"  | 4"  | 4"  | 5"  | 2.50"  | 4.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL312  | 3"  | 12" | 4"  | 13" | 2.50"  | 12.50" | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL44   | 4"  | 4"  | 5"  | 5"  | 3.50"  | 4.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL46   | 4"  | 6"  | 5"  | 7"  | 3.50"  | 6.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL48   | 4"  | 8"  | 5"  | 9"  | 3.50"  | 8.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL56   | 5"  | 6"  | 6"  | 7"  | 4.50"  | 6.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL66   | 6"  | 6"  | 7"  | 7"  | 5.50"  | 6.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL68   | 6"  | 8"  | 7"  | 9"  | 5.50"  | 8.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL88   | 8"  | 8"  | 9"  | 9"  | 7.50"  | 8.50"  | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL812  | 8"  | 12" | 9"  | 13" | 7.50"  | 12.50" | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL1010 | 10" | 10" | 11" | 11" | 9.50"  | 10.50" | .75"  | N/A   | 4 x 8-32 Threads .500" Deep | .850" | 2.500" |
| BL1212 | 12" | 12" | 13" | 13" | 11.50" | 12.50" | .75"  | 6.50" | 6x 8-32 Threads .500" Deep  | .850" | 2.500" |