

EdgeLight Light Bar Reference Sheet

Part numbers: 6500K-CC3535-ELLB-0690-365mm/6500K-CC3535-ELLB-0690-220mm/6500K-CC3535-ELLB-0725-365mm/6500K-CC3535-ELLB-0725-220mm/6500K-CC3535-ELLB-0815-365mm/6500K-CC3535-ELLB-0815-220mm



Edge light bars are great for illuminating graphics in panels and light boxes and come in three different lenses which are optimized for different throw lengths. The 6x90 is ideal for short throws, the 7x25 is ideal for medium throws, and the 8x15 is ideal for long throws. Each throw length has a 220mm version and a 365mm version. The short and medium throw bars have 3 LEDs/bar and 5 LEDs/bar for the 220mm and 365mm versions respectively. The long throw bar has 4 LEDs/bar and 7 LEDs/bar for the 220mm and 365mm versions respectively.

Features

- Two different lengths – 220mm and 365mm.
- Three different throw lengths – Short, Medium, and Long.
- New oblong mounting holes for use with our edge light fasteners (ELLB-F).

Applications

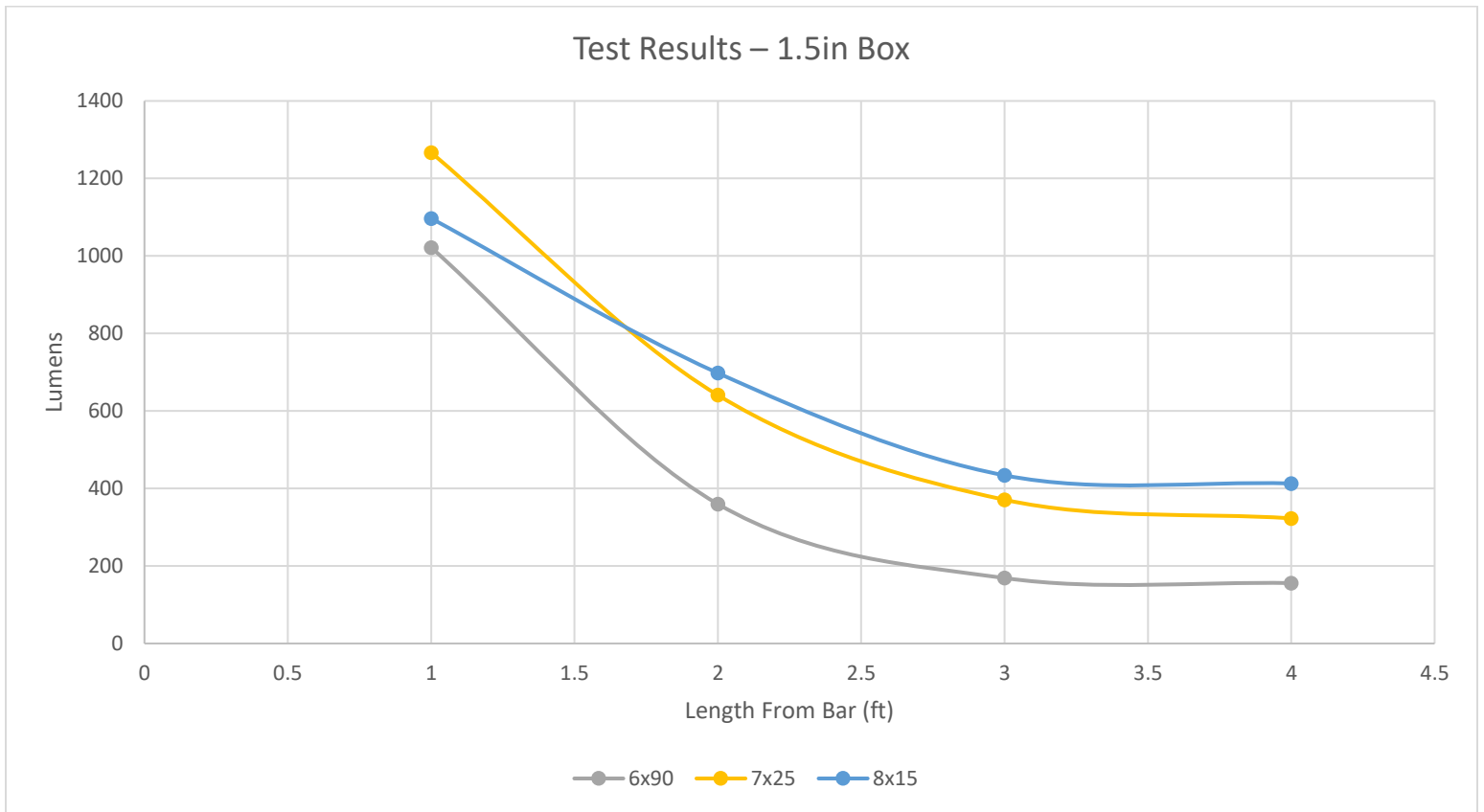
- Great for illuminating fabric light boxes.

Box Depth

We have tested these bars in two depths, 1.5" and 2.5"

The shallow box (1.5in) is only recommended for boxes whose smaller dimension is less than 2 ft. The test results for the lumen output for the shallow box is shown below. This chart is misleading as it suggests that the 7x25 and 8x15 bars perform better than the 6x90. What it does not show is the striping affect that appears along the edges of the box when using the 7x25 and 8x15 bars. Therefore, we only recommend using the 6x90 bars when using a 1.5in box.

For any box depths less than 2.5" we should use the 6x90 bar.



The deeper box (2.5in) does not have the striping affect seen in the shallow box for any of our new bars. This means that longer throw lengths can be achieved by using the 7x25 and 8x15 bars. We recommend using the 7x25 bars for throws up to 2 ft. Any throws longer than 2ft would be better suited to the 8x15 bars. However, the difference between these two is not very large. A graph showing the performance of the three different bars in a 2.5in box is show below.

