

## LED SIGN LIGHT BULBS

### Tech Tip #16-0405



### **BETTER LIGHT WITH LESS AMPERAGE DRAW on ALL Blue Bird and Microbird School Buses**

New York Bus Sales is introducing an LED replacement bulb for the “School Bus” sign lights. The new LED light will provide the same, if not enhanced, lighting with fewer bulbs. LED lights draw less amperage and decreasing the number of bulbs decreases the current draw even more.

Figure #1 below shows the light illuminated using standard incandescent bulbs, while Figure 2 shows the same light illuminated with LED bulbs. As you can see, the light is much more “white” and “crisp” which we feel shows better.

Figure #3 shows the bulb configuration for standard incandescent bulbs, while Figure 4 shows the two (2) bulb configuration for LED bulbs.

Figures with the “A” suffix (1A - 4A) show the sign illumination and bulb configuration on the Microbird product.

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FIGURE #1



FIGURE #2



FIGURE #3



FIGURE #4

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FIGURE #1A



FIGURE #2A



FIGURE #3A



FIGURE #4A

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DOT has verified there is no regulation for the number of bulbs required to illuminate the sign. The New York State Commissioner of Motor Vehicles regulation, Title 15 Part 46 Subpart 46.1 (j) regulation states the sign must be illuminated to be visible from a distance of 500 feet after sunset and subpart (n) states the illumination must be uniform and continuous, thus having empty sockets in the sign is not an issue.

**The LED bulbs are available from our Parts Department**

<u>Part #</u>	<u>Price</u>
54SMD	\$12.74/pr

**This option can be ordered on new buses with option # LGT 128**

Thank You to Dale from Alexandria Central School for pointing this out to us

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