

LED APPLICATION PROFILE



Rush Creek Growers is a wholesale bedding plant grower located in Spring Valley, Wisconsin. In the fall of 2007, they installed red LED bulbs to extend the day length and supplement the low winter light levels on rooting cuttings in their greenhouse.

These LEDGrowLights™ bulbs have allowed us to get into a lighting system without the expense of purchasing HID fixtures and then having to pay an arm-and-a-leg to operate them as well.

There are 44 ten-watt red bulbs suspended four feet over the six by sixty-six foot bench. The LED bulbs are spaced three feet apart in two rows. The bulbs are simply strung together on 14-gauge UV resistant cable (14-2 w/ground). The waterproof sockets were purchased at Menards.

The results so far look great. Perennial cuttings broke dormancy and Mediterranean herbs look right at home. After the rooting season Rush Creek Growers intends to use the space to light native grasses and forbs to ready them for sale.

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