

Productivity First-Round Winner

Innovations Challenge

<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

April 2015

Prepared by Transportation Planning
Missouri Department of Transportation

LED Snow Plow Lights



Description

The LED Snow Plow Lights are a set of 1100 Lumen lights that put out a 60-degree cone of light to provide much better lighting when plowing roads and clearing intersections. LED lights on snow plow trucks greatly improve visibility while plowing snow.

Benefit

Improving visibility for snow plow operators has many benefits. With the LED lights in place, operators can plow snow more safely and reduce accidents. The lights make the job easier and more efficient with a clear view for clearing intersections and bridges. LED lights also reduce eye fatigue by reducing the strobe effect in the cab of the truck. Snow does not stick to these lights, eliminating the need for constant cleaning. LED lights would be useful in any night emergency operation, such as flood response and signing operations.

Materials and Labor

Trilliant 36 LED WhiteLight Work Lamp with Mounting Bracket costs \$150 and one hour of labor.

For More Information Contact:

Michael Ewigman at Michael.ewigman@modot.mo.gov or (660) 258-7297.

Additional photos can be seen by accessing the Innovations Challenge homepage at:
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.