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## **L.J. Star Video Explains LED Lighting For Industrial Sight Glass Applications**



**Twinsburg, Ohio — October 18, 2012** — L.J. Star Inc., the leading provider of process observation equipment, has released a video that explains how process operators can save money and get better lighting by using LED [sight glass](#) luminaires.

In just over two minutes, the video “Understanding LED Sight Glass Lighting,” explores the characteristics of LED lighting in industrial sight glass applications, including a demonstration

comparing the illumination of LED light to traditional halogen light.

Not only do LED luminaires give operators a well-lit glare-free view of processes through a sight glass, they also help plants achieve corporate green initiatives. LED luminaires provide more than five times the lumens per watt than incandescent luminaires. As the video points out, an incandescent luminaire converts 85% of the input power into heat, while an LED luminaire converts only 5% of its input power into heat. This exceptional efficiency also makes them ideal for heat-sensitive processes as LED sight glass luminaires won’t add heat to a process.

LED luminaires are also a good fit for high-reliability sight glass applications. Unlike halogen lights that have fragile filaments, LED lights tolerate more vibration and typically have a lifetime of more than 50,000 hours. This exceptionally long lifetime means lower maintenance costs and fewer process interruptions.

See this demonstration online: <http://www2.ljstar.com/1/12112/2012-10-16/4t7z2>

To download image, control-click: [http://www.ggcomm.com/LJStar/Sight\\_Glass\\_Lighting\\_Video2.jpg](http://www.ggcomm.com/LJStar/Sight_Glass_Lighting_Video2.jpg)

**About L.J. Star**

L.J. Star Incorporated provides an extensive line of process observation equipment – sight glasses, lights, sanitary fittings, and level gage instrumentation. Product lines include Metaglas® Safety Sight Windows, Lumiglas® Explosion Proof Lights and Cameras, Sight Flow Indicators, Sight Ports, Sanitary Clamps, Magnetic Level Gages and Gage Glass. Metaglas is the #1 selling fused sight glass, proven in thousands of installations around the world. Unlike some other sight glasses, it meets stringent DIN 7079 and DIN 7080 quality standards, and it is approved for USP Type I use. For additional information, or to request third-party documentation of standards compliance and product performance claims, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: [view@ljstar.com](mailto:view@ljstar.com).  
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