

L.J. Star Announces LED Ex Light for Sight Glass Illumination



.Sight glass light is first high-power LED luminaire with explosion proof rating

[L.J. Star](#) introduces the Series 55-EX, an LED luminaire that can be used for viewing inside process vessels and pipelines in hazardous areas, reducing maintenance costs and allows companies to meet green initiatives.

Before now, the only explosion-proof rated LED luminaires available was very low power, providing little light for viewing. Now companies who want to reduce their carbon footprint can obtain a high-power, EX-rated LED luminaire

that gives operators a well-lit glare-free view of processes through a sight glass. This luminaire is available with an aluminum housing (ASL55-EX) or for harsh environments with a stainless steel housing (ESL55-EX).

Compared to traditional halogen luminaires, the new green-technology LED Lumiglas® luminaires from L.J. Star produce cool light and have an exceptionally long life, making them ideal for heat-sensitive processes and use in [sight glass](#) applications where exceptional reliability and low maintenance are required.

These new luminaires have an operating life of approximately 50,000 hours... more than five and a half years of maintenance-free operation – 50 times that of a halogen bulb. In addition, LED's are not susceptible to shock and vibration from the process system, which substantially reduces or immediately terminates the life of a filament based halogen. A major pharmaceutical company estimated it will save \$5000 in maintenance costs over 5-1/2 years due to the longer life of the LEDs compared to halogen bulbs. With these savings, the premium cost of the luminaire is recouped within 1-1/2 years (not including the savings in energy.) What's more, there will be fewer interruptions in process viewing that could adversely affect a high-value process media.

The ability to produce light without heat, plus an exceptionally long life make the new green-technology LED Lumiglas® luminaires from L.J. Star ideal for heat-sensitive processes and use in sight glass applications where exceptional reliability and long operating life are required.

Complete Sight Glass Product Line

In addition to the LED Series 55-EX luminaire, L.J. Star offers a wide variety of conventional and explosion-proof luminaires for lighting the interiors of tanks, pipes and vessels. Beyond luminaires, L.J. Star offers a complete sight glass product line including sight glasses, sight flow indicators, stainless sanitary fittings, and camera systems. .

Availability

The LED Ex Luminaire Series 55-EX is available from stock. For additional information, contact L.J. Star Incorporated at: web www.ljstar.com/pubs/30.htm; phone: 330-405-3040; fax: 330-405-3070; email: view@ljstar.com.

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. Website: www.ljstar.com.