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L.J. Star LED Sight-Glass Light Receives ATEX Approval

Exceptionally bright, 6-diode LED light with stainless steel housing is now available for use with sight glasses in hazardous environments



Twinsburg, Ohio – July 30, 2013 – [L.J. Star](#) announced that a six diode version of its award-winning ESL55-EX LED [sight glass light](#) has received ATEX approval, making an extra -bright LED light available for hazardous environments that require stainless steel housings. The new light has twice as many LEDs as the standard version.

ATEX is a directive mandating the stringent testing and certification of equipment used in potentially explosive atmospheres established by the European Union in 2003.

The explosion-proof ESL55-EX sight glass light, which features six high-power LEDs in a stainless steel housing, is ATEX certified as safe to use near gas (within ATEX Zones 1 & 2 and Group IIC) as well as safe to use in environments that contain dust (within ATEX Zones 21 & 22 and Group IIIC). A design that will not create a spark and a sealed enclosure make the ESL55-EX sight glass light ideal for use in environments where the potential exists for the presence of explosive gas or an explosive dust.

The ESL55-EX produces an extremely bright light that can illuminate less transparent process media and give operators a clear view of their processes as well as provide a well-lit view of the interior of process vessels such as tanks, reactors, hoppers, silos and pipelines. The stainless steel housing of the ESL55-EX sight glass light is well-suited for use in the biotechnology, pharmaceutical, and petrochemical industries. It is also available with aluminum housing (model ASL55-EX).

Employing state-of-the-art green technology, the ESL55-EX sight glass light produces light without transferring heat to the process, and it has an exceptionally long operating life— more than five and a half years of maintenance-free operation— 50 times that of a halogen bulb. These features make it ideal for heat-sensitive processes and use in sight glass applications where exceptional reliability and low maintenance are required. In addition, its lack of fragile filaments make it impact and vibration resistant.

An operating life of approximately 50,000 hours significantly reduces the need for maintenance, which is particularly costly in those hazardous areas where power must be shut off before a bulb can be replaced.

To learn more about the ESL55-EX sight glass light, visit <http://bit.ly/16LxsKS>.

To download high-resolution image, control-click: <http://www.ggcomm.com/LJStar/ESL55sight.JPG>

Complete Sight Glass Product Line

In addition to the ESL55-EX sight glass light, 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 ESL55-EX sight glass light is available from stock. For additional information, contact L.J. Star Incorporated at www.ljstar.com, 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.

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