

## L.J. Star Announces LED Sight-Glass Luminaires That Cut Costs for Green Initiatives



L.J. Star has slashed the cost for company green initiatives by introducing two LED-based sight-glass luminaires (lights) at less than half the price of its previous LED models. The new luminaires use a newer LED technology that can be changed out like a halogen bulb, unlike LED luminaires that must be discarded or rebuilt after the LED component reaches the end of its useful life.

L.J. Star's Lumiglas<sup>®</sup> USL 16-LED and USL 36-LED sight-glass luminaires outshine conventional lights by providing low energy consumption, outstanding reliability and low maintenance. They incorporate an LED light source that consumes only 7 Watts of electricity, emits an equivalent of a 45 Watt halogen,

and lasts up to 50,000 hours (five and a half years of service in typical operation). The affordable LED component fits a standard E27 or GU10 socket and is easily replaced. In addition, the luminaires produce light without heat and are not susceptible to shock and vibration, making the new luminaires ideal for heat-sensitive and vibration-prone processes.

Both models have a crevice-free, stainless-steel design and may be used in sanitary and washdown applications in pharmaceutical, food processing, biotech and industrial facilities in non-hazardous areas.

Compared to traditional halogen-bulb based luminaires, the Lumiglas USL 16-LED and USL 36-LED luminaires reduce maintenance costs by needing fewer bulb changes - over 30 times less. Compared to older-style LED based luminaires, they allow quick light-source replacement, reducing the length of time that processes cannot be viewed.

The Lumiglas USL 36-LED luminaire mounts flush- to a sanitary ferrule using a MetaClamp sanitary clamp connection. The Lumiglas USL16-LED luminaire mounts using a mounting bracket and allows lighting and viewing to take place through the same sight glass.

The 316 stainless steel housing is water-jet tight to NEMA 4X and IP65. A momentary or permanent on/off pushbutton switch is optional.

### **Complete Product Line**

In addition to the Lumiglas USL 16-LED and USL 36-LED luminaires, L.J. Star offers a wide variety of conventional and explosion-proof luminaires for lighting the interiors of bioreactors, mixers, filters and the interior of tanks, hoppers, silos, agitators, separators, pipelines and other – usually closed - containers. Beyond luminaires, L.J. Star offers a complete line of process observation equipment including sight glasses, video cameras, and level gages.

**Availability**

The Lumiglas USL16-LED and USL 36-LED luminaire is available from stock. . For additional information, contact L.J. Star Incorporated at: web [www.ljstar.com/pubs/32.htm](http://www.ljstar.com/pubs/32.htm); phone: 330-405-3040; fax: 330-405-3070; email: [view@ljstar.com](mailto: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. L.J. Star is the exclusive North American supplier of the number-one-selling Metaglas<sup>®</sup> Fused Sight Glass, which uses true fused borosilicate glass and – unlike some sight glasses – meets the critical standards of USP Type 1, DIN 7079, and DIN 7080. Other product lines include Lumiglas<sup>®</sup> Explosion Proof Lights and Cameras, Visual Flow Indicators, Sight Ports, Sanitary Clamps, Magnetic Level Gages and Gage Glass. For additional information, 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). Website: [www.ljstar.com](http://www.ljstar.com).

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