

L.J. Star Announces the First Cordless LED Sight-Glass Luminaire

New light snaps over sight glass fittings on portable vessels



Twinsburg, Ohio – January 6, 2011 – L.J. Star has introduced the first LED luminaire that is completely cordless, allowing operators to illuminate vessels conveniently while eliminating cord tripping hazards, power supply transformers, and the need to have an outlet nearby.

The FLBP-LED luminaire is ideal for illuminating bioreactors, laboratory mixers, filters, visual flow indicators and other portable vessels used in batch processes. Having a watertight, 316 stainless-steel construction, the luminaire is compatible with pharmaceutical, biotech and food applications that require sanitary connections and washdown cleanings.

The new luminaire is designed to mount over a MetaClamp® sight-glass port via a special collar fitting. Because it is easily detached and moved to other vessels, one luminaire can be used for multiple vessels, reducing costs.

Using high-intensity LEDs that output 120 Lux of bright light, this new luminaire is an improvement on cordless halogen luminaires. LEDs have a long service life – up to 50,000 hours – which reduces maintenance costs. Because the LEDs create light without heat and are not susceptible to vibration, the FLBP-LED is better suited than halogen for heat-sensitive and vibration-prone processes.

The luminaire can be used as part of a light/sight port combination (single port version) or used with separate sight glass and light port (dual port version).

L.J. Star's FLBP-LED luminaire uses two standard 3V batteries and meets the NEMA 4 and 4X standard for dust and waterjet-tight enclosures. It is rated for non-hazardous locations.

Broad Line of LED Luminaires

The FLBP-LED is one of several LED luminaires from L.J. Star that help companies lower energy consumption and meet green initiatives. LED luminaires are available with aluminum or stainless steel housings, conventional or explosion-proof ratings, and in conventional or fiber optic styles. Beyond luminaires, L.J. Star offers a complete line of process observation equipment including sight glasses, sight flow indicators, video camera systems, and level gages.

Availability

The FLBP-LED luminaire is available from stock. . For additional information, contact L.J. Star Incorporated at: web www.ljstar.com/pubs/33.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. L.J. Star is the exclusive North American supplier of the number-one-selling Metaglas[®] 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[®] 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. Website: www.ljstar.com.

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