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L.J. Star Introduces the First LED Sight-Glass Light for Craft Brewing

'Green' LED light is twice as bright as a traditional sight glass light, offering finer control over processes



Portland, Oregon – April 14, 2015 – At the Craft Brewery Conference L.J. Star, Inc. is introducing the LumiStar1000™, the first LED sight-glass light designed to give brewers a better view of their processes and a green-energy alternative to conventional halogen lights. Mounted over a sight glass on a mash tun, brew kettle, fermenter, bright beer tank or serving tank, the new light gives brewers a better view of processes with light that is 2x brighter than a typical sight-glass light.

The new luminaire, which is capable of outputting 1000 lumens at full brightness, produces twice the light output of a standard 100W halogen luminaire with less energy and heat. It consumes less than 11W of power at full brightness, one tenth the energy versus a traditional halogen light.

According to L.J. Star president David Star, weak lighting makes it hard to inspect the characteristics of a brew. "Mounted over a sight glass, the LumiStar1000 LED light allows craft brew masters to clearly see and fuss over their products, while at the same helping them cultivate an environmentally conscious brand," he said.

The stainless-steel washdown-rated luminaire is equipped with a total internal reflection (TIR) lens with a 23° beam angle, which is ideal for vessel illumination through a sight glass because it maximizes light output by keeping output loss to less than five percent. Its cool-white (5500K color temperature) LEDs maximize visibility in stainless-steel vessels.

Unlike an ordinary light, the LumiStar1000 has built-in microchip intelligence. The “smart” design allows brew masters to choose from four modes of operation: flashlight mode, timed mode, continuous mode, and an optional dimmer mode. Its unique technology makes possible continuous mode, which is not available with other lights in its class. The LumiStar1000 is designed for cool operation with temperature-based current limiting and automatic dimming. An over-temperature shutdown function enhances workplace safety.

It operates on 24V AC/DC or 110/220V AC power. An industry-standard 5-pin M12 connector for power and remote switch can also be provided.

For more information, visit <http://bit.ly/117vTLA>.

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, Visual 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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