

Lighting the Way in Sewer Safety: The Light Ring

Light Ring Inc

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In the rugged world of sewer maintenance and trenchless rehabilitation, safety, visibility, and efficiency are key to getting the job done right. Recognizing the need for a more effective solution on the jobsite, Shane Jacobson, a veteran of the sewer industry, developed the **Light Ring**—a 3-in-1 innovation that brings unmatched utility to sewer maintenance operations across the country.

An Operator’s Solution to Everyday Challenges

With more than 18 years of experience in the field and a lifelong connection to the trade, Shane Jacobson saw firsthand the hazards crews face during sewer maintenance: poor lighting, the risk of fall-ins, and the hassle of securing tiger tails or jetting hoses.

To solve these problems, he created the **Light Ring**—a unique device that combines:

- A **6,000-lumens of LED lighting** for unmatched visibility inside manholes,
- A **built-in rope cleat** for secure hose or tiger tail tie-off, and
- A **durable safety cover** that helps prevent fall-ins and reduces aerosol exposure.

“There was nothing on the market that offered light, safety, and anchoring in one tool,” Jacobson said. “So I made something that did—and made it field-tough.”

Field-Tested by CIT Sewer Solutions

CIT Sewer Solutions, a leading Midwest municipal sewer contractor, served as the proving ground for the Light Ring. Under Jacobson’s leadership as Vice President, CIT crews integrated the Light Ring into their daily operations—using it on hundreds of jetting and inspection jobs.

“Our crews instantly saw the benefits,” says Jacobson. “It made their jobs safer, faster, and better lit—especially during early morning or confined space work.”

Three Functions. One Compact Tool.

- **Bright LED Illumination:** Lighting up the entire manhole during cleaning and inspection.
- **Built-In Rope Cleat:** Replaces unreliable anchoring methods and keeps hoses secure.
- **Safety Cover:** Adds a physical barrier to protect workers and equipment around open manholes.

Designed with field conditions in mind, the Light Ring is **compact, rugged, and easy to deploy**. It sets up in seconds and withstands daily abuse without moving parts or complex electronics.

Now Available for Contractors and Municipalities

After years of real-world testing and refinement, the Light Ring is now available to contractors, cities, and equipment dealers looking to enhance their sewer operations. It's a **field-proven innovation** that adds value on day one—and pays for itself in safety, speed, and simplicity.