

The Halo Light™ — Innovation Description

The Need for Innovative Safety Products

Safety concerns are a natural part of many outdoor human experiences, across many jobs and industries including construction, mining, and emergency services, as well as many day-to-day activities such as biking, hiking, and running. One common consistency across these varied experiences is the need to see and be seen in low light and low-visibility conditions. Today, we are still relying on the reflective vest as the primary means for illuminating a person at risk – a product that came out in the 1970s and hasn't significantly changed in over 40 years – creating a need for safety products that matches today's demands for safer work environments.

This void in the market creates an opportunity to deliver a better experience through innovative products; products that radically improve the safety of people working in risky environments, making them more visible and more productive by alighting their personal work area better. Doing so has the potential to increase productivity and reduce on-site accidents, which in turn would reduce worker compensation claims and lower insurance costs. For these reasons, ILLUMAGEAR founder and CEO Max Baker invented The Halo Light™ in 2012.

The Halo Light™ is a personal active safety system that produces a ring of light around the wearer, enabling him or her to see and be seen in all directions at all times and helping keep him safe so he can focus on his job. The Halo Light™ attaches to any hard hat, illuminating the wearer 360° and enabling him or her to see the task area and to be seen by others in all directions at all times, especially in low light conditions.

Unlike standard reflective gear, The Halo Light actively illuminates the worker and is not dependent on a secondary source of light reflecting at the right angle. Unlike headlamps, The Halo Light is designed specifically for a hard hat, lights the entire task area without adjustment, and illuminates the worker in all directions. And unlike area task lights, The Halo Light is portable and personal, illuminating the task area without shadows regardless of where the worker moves. There really is no other product available out in the market that is like The Halo Light, it is unique in the market place.

The Halo Light is built for construction. It installs in seconds on any hard hat, weighs little more than current headlamps while spreading the weight evenly across the head, and is built to survive in rough environments.

Since its launch early this year, The Halo Light has been purchased by some of the world's leading construction companies including GLY Construction and Skanska, to name just a few, and is in use in the field – at road construction projects and other high-risk environments – helping to protect workers and ensure their safety.

