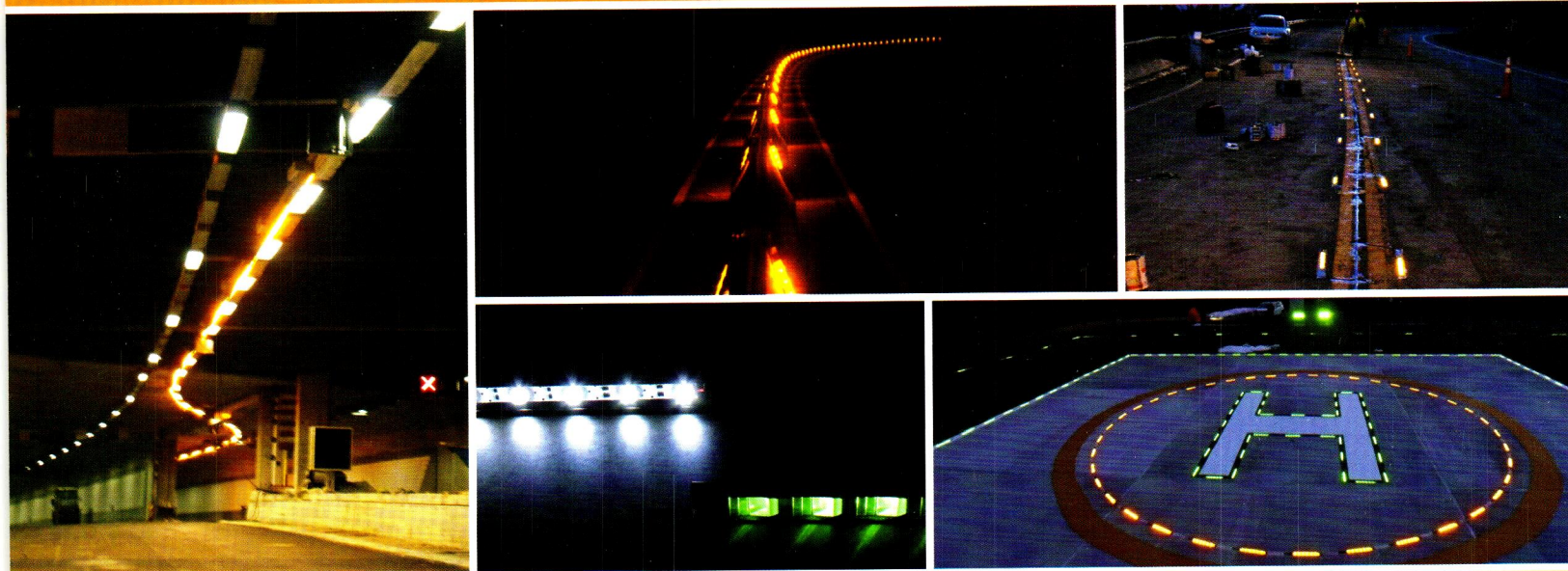


LEDline® Guidance Safety Lighting Systems

Guiding the Way to Safety



HIL-Tech's LEDline® is the industry-leader in Guidance Safety Lighting System design and installation. Its advanced LEDline® safety lighting is measurably the world's toughest LED visual-aid lighting system.

Since 1999, this highly-specialized Canadian company has been customizing superior safety lighting solutions for a broad range of elite clients. Compared to other in-pavement guidance lamps, HIL-Tech's advanced lighting technologies guarantees improved guidance, which should improve safety and regardless of application, provides increased product resilience.

HIL-Tech's diverse slate of satisfied customers confirms the company's commitment to innovation and design-driven solutions. LEDline® offers solid value and is significantly less costly to purchase and install as much as 60% less-than other airfield LED safety lighting visual aids.

LEDline® Guidance Safety Lighting Systems are currently in operation and dramatically enhancing the safety and efficiency of:

Roads &
Barriers

Helipads &
Airfields

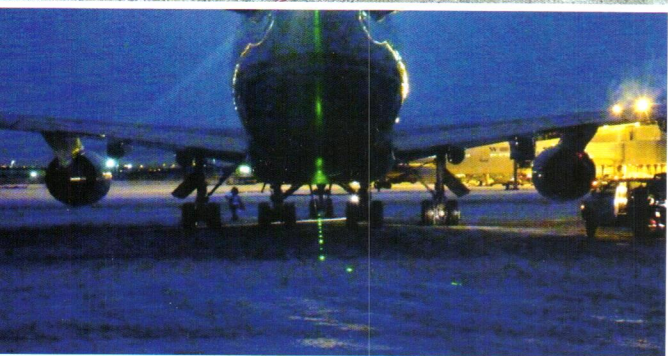
The Marine
Industry

The Military
Logistics &
Equipment

The LEDline® Difference

LEDline® Guidance Safety Lighting System features include:

- Lighting that is linear, so it provides both positional and directional guidance which significantly improves safety, especially in challenging weather. (If bad weather conditions interfere with how many lit points can be seen at one time, point source guidance only provides positional guidance).
- Extraordinary durability in a wide-variety of challenging settings.
- Exceptional tolerance for extreme weather conditions.
- Superior resistance to corrosive chemicals including road and airfield salt, hydrocarbons, glycol and other airport de-icing pad chemicals.
- Long-term reliability with some installations in continual operation for twelve plus years.
- Increased energy-efficiency even when compared to other LED-based systems.



LEDline® Guidance Safety Lighting Systems consistently performs when tested!

- LEDline® can tolerate a 10-ton (20,000 lbs.) roller even when LEDline® is actually placed on top of the pavement, setting it apart from most, if not all, other light sources.
- LEDline® guidance safety lighting offers increased energy efficiency as it is the only LED light source that can melt snow and ice without requiring any additional heating elements.
- Regardless of weather, LEDline®'s safety guidance visibility is comparable to standard ICAO/FAA airfield taxiway lights. However, its linear directional qualities were preferred by the pilots at Anchorage International Airport when navigating in challenging weather conditions.
- The FHWA successfully tested earlier LEDline® safety guidance lighting to 88,000 lbs. direct loading without the lighting incurring any damage. Additional testing suspended the lamp section between two supports where it was subjected to 1050 lbs. direct loading in its middle. LEDline® was bent approximately 75mm (3") out of true yet the solid LEDline® matrix failed to crack and the lamp continued to function normally.
- When testing the lighting for the escape chambers of submarines, fully submersible LEDline® guidance lighting has performed successfully for the Canadian Navy. Earlier versions were successfully pressure tested to seawater depths of 300m (approx. 1000ft.) and have now done thousands of pressure tests as the lighting lights the interior of the test pressure chamber.
- Linear LEDline® guidance safety lighting, is far more versatile than other in-pavement guidance lamps as it can easily create LIT in-pavement numbers and signs.

For your organization's guidance safety lighting challenges, contact HIL-Tech's team of lighting safety experts today.

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