

The Peterson Advantage

Innovating total solutions to make the road safer for everyone



Peterson leads the industry with the most
corrosion-resistant modular harness and
LED lighting technology available



PETERSON

Peterson protects your investment with solutions guaranteed to stop corrosion before it starts

Protect your bottom line.

Maintain your service levels.

Enhance your vehicle performance.



Corrosion is the number one reason fleets replace harness and lighting systems.

Unplanned troubleshooting and replacement increase costs that can impact every part of your organization.

Peterson safety lighting products create a brighter, safer work environment. Day or night, in any weather, we deliver exceptional performance even in the most demanding environments.

- Corrosion-proof lighting and harness systems for fleets around the world.
- Robust lighting systems for vehicles in demanding construction and mining environments.
- Reliable safety lighting performance for critical mobile equipment from ambulances to fire trucks.

DEFENDER[®] MODULAR HARNESS SYSTEM

The Peterson Defender[®] Modular Harness System with Maxi-Seal[®] technology provides the strongest defense against moisture intrusion and corrosion available. Defender carries an industry leading 10 year warranty against defects and corrosion when paired with our LumenX[®] LED lights.

Maximizing reliability

- Integrated moisture barrier protects the system from moisture wicking.
- Over-molded design of our connector reduces strain and stops moisture.
- Advanced silicone seals provide an added layer of protection against moisture intrusion.
- Our .180 bullets and receptacles feature molded in O-rings and detents offer secondary locking for improved sealing.
- Sealed ring terminals utilize adhesive-filled heat-shrink connectors. All copper conducting material is sealed for maximum corrosion protection.
- Dual-isolated grounding fights galvanic corrosion and increases amp capacity over the entire length of system.
- Heavy duty terminals minimize voltage drop throughout the system.
- The Defender[®] distribution module allows any harness to plug into any port for maximum ease of installation and maintenance.

**10 YEAR
CORROSION
WARRANTY**

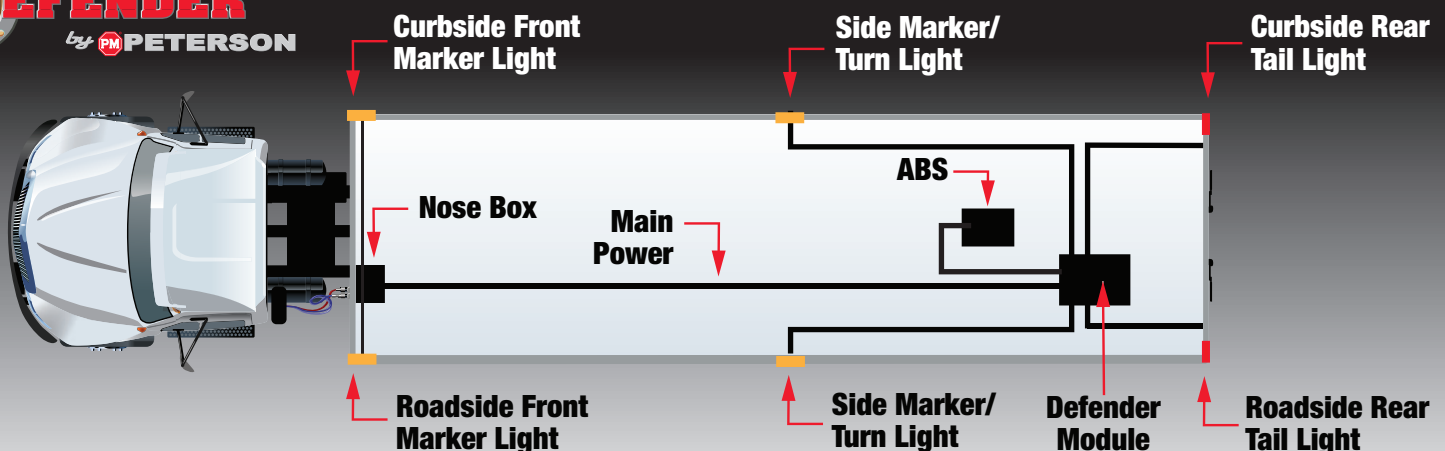


Over-molded connector



Defender[®]
harness
component

Modular design makes installation, troubleshooting and replacement easy as all cables connect to the Defender[®] Distribution Module.



(Van trailer for illustrative purposes)

LumenX® LED LIGHTING

Peterson safety lighting products provide greater visibility day or night, in any weather, making the road safer for everyone. Our LumenX® series is unsurpassed for its innovative design, quality, and optical brilliance.



LumenX®

The New Standard in LED Lens Technology

- Advanced optics disperse light so efficiently the lens illuminates fully, with no hot spots or dead zones, regardless of viewing angle.
- Optics are molded on the underside of the lens leaving the exterior surface smooth for cleaner, brighter lights in dirty environments.
- Patented Cyclops-style lamp integrates a back-up lamp reducing the need for a separate single purpose light.
- Flush mount lamps with protective recessed lens design are less likely to be damaged.

Advanced Sealed Housing Technology

- Pin connections are insert molded into the housing eliminating a source of moisture intrusion.
- The 30° angle of our space-saving plug housing allows for easy installation and reduces stress on the wire.
- Over-molded locking tab for secure wire attachment.
- No potting material behind the PCB to reduce risk of heat build-up in the light assembly, which can shorten the life of LEDs.



Cyclops-style LumenX® lamps



Pin connections are insert molded into the housing eliminating moisture intrusion



Air-gapped housing to reduce heat build up

CONTINUOUS INNOVATION & CUSTOMER SERVICE

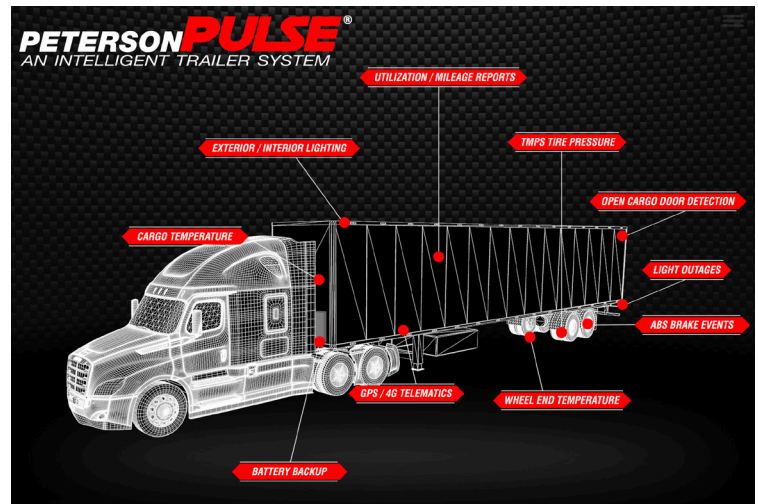
Peterson has a proud history of working with our customers to develop innovative solutions to meet their needs. We welcome the challenge to develop products that help our customers solve their biggest problems and work reliably in their most demanding environments.

A proud history of innovation delivering many industry firsts:

- **1st US lighting manufacturer to earn ISO 9001/QS-9000 certification**
- **1st multi-function Strobe & Turn LEDs for the refuse industry**
- **1st single diode 4" LED round lights for intermodal chassis industry**
- **1st to utilize insert-molding technology in trailer lighting and harness systems**
- **1st guaranteed moisture corrosion-proof harness and lighting technology for trailers**
- **1st open source whole-trailer telematics, real-time monitoring for drivers and fleet managers**

The **PetersonPULSE®** Intelligent Trailer System detects and controls the real-time status of vital trailer systems alerting drivers and fleet managers via Bluetooth and cellular communications. By constantly monitoring sensors installed throughout the trailer, it enhances the safety of drivers and cargo while also helping avoid road incidents, CSA violations, and costly fines.

PetersonPULSE® system is engineered to CAN-Bus specifications, with high-speed, twisted-pair communication wires and sensors installed throughout the trailer. All components are fully sealed, vibration tested, and built for long life.



We take listening to our customers to a new level.

- We generate many of our new product ideas by listening to customer problems.
- If you have a difficult lighting or harness safety or corrosion issue, please let us help.
- We developed Integrated back up lights for one customer and for another customer with space constraints and unusual mounting requirements we designed cove lights.
- At Peterson Manufacturing, you are part of our family, not just a number.



Our cove lights save customers space and safely illuminate cargo areas

We value our customer relationships

Don't take our word for it, see what our customers say about our award-winning customer service:

“ Customer service is excellent. One of the best of all the vendors I deal with.”

“ Great quality product and very respected product; great customer service.”



Industry-leading solutions from vertical integration, automation, and exceptional employees



Vertical integration and learning

Our vertically integrated approach provides control over the entire development process from design to delivery providing exceptional quality, speed, and efficiency. Our on-site tooling and plastics divisions work with customers in multiple industries, which brings additional knowledge and innovation to Peterson and our customers.



Automation for high volume and quality

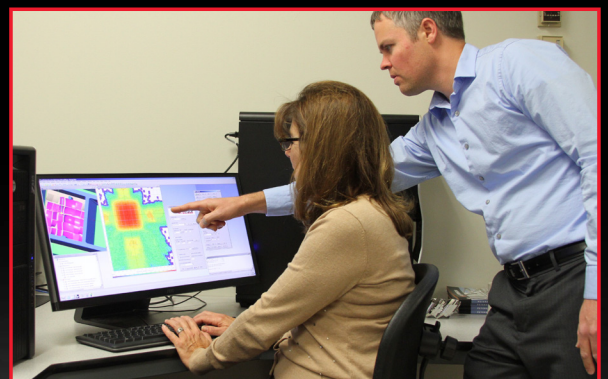
Over the years, we have built extensive automated equipment lines to increase our US production capacity and exceed our customers' quality expectations. Peterson was the first US lighting manufacturer to earn ISO 9001/QS-9000 certification. Come visit our factory in Kansas City and see it for yourself.



Our exceptional team of employees

Peterson has extremely low turn-over and long tenure giving us the ability to innovate and build quality products for our customers. Over 650 associates continue our tradition of "Made in the USA" quality, innovation, and service. Let us put our quality and innovation to work for you.

- Annual turnover rate is around 1.5% .
- Average length of employment is over 13 years.
- Many associates have been with Peterson over 25 years.
- Multiple second and third-generation family members employed.



Learn how Peterson can support your critical safety lighting needs.
Contact us at 1-800-821-3490 and info@pmlights.com or visit us at www.pmlights.com.

