

RISK REDUCTION DURING ON-ROAD WORK TRUCK OPERATIONS

How Vehicle Warning Lights Reduce the Risk of Accidents in Work Zones

Every second in a work zone matters to protect crews and motorists. Work truck operators face risk while performing essential tasks near traffic. Proper use of warning lights on work trucks provide clear, visual alerts that help drivers and pedestrians detect, recognize, and respond—reducing the risk of accidents and improving overall work zone safety.

It is all about safety in the moment—reducing accidents and making work zones safer.



WHAT ARE THE RISKS?

Risks to work truck operators and the public during an emergency response include:





Physical Risks
Risks of injury or death due to vehicle accidents

Financial Implications
Increased property damage, increased insurance premiums, and downtime for out of service work trucks

Legal Exposure
Potential for lawsuits

4 ELEMENTS OF RISK REDUCTION

An understanding of the factors associated with effective work truck warning light solutions that can minimize risks

Awareness of Human Factors

Humans process signals in three phases: detection, recognition, and response.

Proper Installation, Operation, and Maintenance

Ensuring the right system is installed, operated, and maintained for optimal safety.

Suitably Engineered Equipment

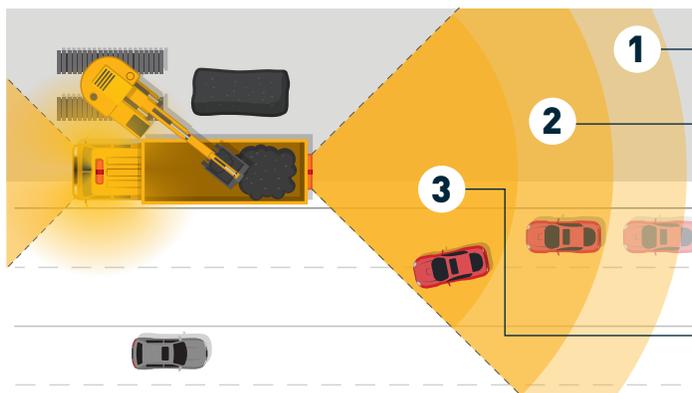
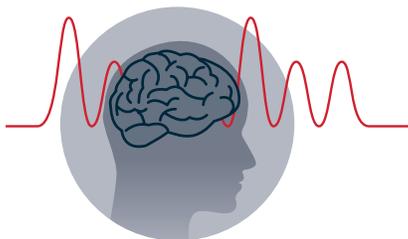
Choose and specify the products and technologies designed and best suited for your vehicle's specific vocation or application.



Knowledge of Industry Standards

Become familiar with the organizations that have established minimum performance standards for warning light devices.

HUMANS PROCESS SIGNALS IN THREE PHASES



Detection:
The driver's initial awareness of a signal

Recognition:
The driver determines what the signal is and what it means

Response:
The driver modifies behavior