

# FORKLIFT ACCESSORIES



 Cisco-Eagle

**VISIBILITY • SAFETY • VERSATILITY**

[www.cisco-eagle.com/forklifts](http://www.cisco-eagle.com/forklifts)

# ENHANCE YOUR FORKLIFTS

ATTACHMENTS, LIGHTS, AND SYSTEMS FOR BETTER, SAFER OPERATIONS

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“Cisco-Eagle helps make forklifts safer, more productive and easier to operate. We'll help you with sensors, lights, cameras and leveling systems that increase visibility and safety. We also help with attachments to help make forklifts more versatile and suited to specific load types. Count on our professional safety team to help you design efficient ways to separate and control forklift traffic.”

—Armando, Employee-Owner Since 2014  
AisleCop & Safety Specialist

”



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# FORKLIFT WARNING LIGHTS

## RED OR BLUE FORKLIFT WARNING LIGHTS

### Exceptionally bright lights with a lifetime warranty

Pedestrians might not see a forklift rounding a corner, emerging from a rack aisle or backing out of a trailer, but warning lights give them advance notice by projecting a super-bright, 18" disc of light onto the floor as the forklift moves. Lights are wired to forklifts and draw only 7 watts of power. 12-110V voltage range means they will run on almost any standard forklift. Since they move when the lift does, lights help pedestrians understand if a forklift is moving. Mount directly onto the forklift or through a magnet mount.



Visit [www.cisco-eagle.com/bluelights](http://www.cisco-eagle.com/bluelights) for videos and detailed information



## SIDE ZONE LIGHTS

### Draw the line in bright red light

Draw a high-visibility line around your forklifts with side zone lights that helps people stay away from the forklift. The Red-Zone LED warning light helps lower the chances of workers getting hit by the rear end swing of a turning lift or their feet getting run over by illuminating a safe zone. Installation is simple; all necessary hardware included with the light to set a safe perimeter for any size machine. One light creates one line, so add another to guard both sides of your forklift. Comes with a lifetime warranty and 100,000 hour life expectancy.

### 180° Degree Arc Lights

Help pedestrians stay out of the path of approaching vehicles they may not hear or see. These super bright, super durable LED lights cast a 180° light arc on the ground to indicate the danger zone in front of or behind the vehicle. For enhanced 360° safety awareness, mount to the front and back of your forklifts and other industrial vehicles.



# FORKLIFT WARNING LIGHTS



“Cheap lights can cost you plenty. They’re duller, fade over time, are less reliable—and eventually fail. Look for a light that has high lux ratings (not lumens) and a lifetime warranty. We stock these lights and ship them out fast, so you can equip your forklifts with the brightest, longest-lasting, most reliable light in the business.”

—Tina, Employee Owner Since 2012  
Sales Support & Service

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Visit [www.cisco-eagle.com/bluelights](http://www.cisco-eagle.com/bluelights) for videos and detailed information

## CHEAP LIGHTS CAN COST YOU PLENTY—HERE ARE THE MINIMUM SPECS



Warning lights are ubiquitous, and many are inexpensive—some costing under \$30. Your lights should work every day, all day for years. They must be reliable, bright and long-lasting. Dim, cheap lights that don't last may be counterproductive.

- **High lux ratings make the light crisp and visible.** Intensity is measured by lux, which is the amount of perceivable light projected onto a surface. Don't focus on lumens. Your light should have at least 900 lux so it will be intense, bright and visible.
- **Long-term warranties are a sign of quality.** Some lights have no warranty at all, or just a year—avoid them. Quality lights have at least four years, and lifetime is even better.
- **Insist on excellent heat dissipation.** The lights will last longer and won't fade as quickly as cheap lights.

- **Choose high voltage range lights.** A light that has 12-110V DC will work on practically any forklift or vehicle. That's one part to manage for an entire fleet. Most cheap lights are 12-48V DC.
- **Don't buy a power hog:** The lower the power consumption the better because more consumption means more strain on the forklift's electrical system.
- **Insist on UL Recognition:** Many inexpensive lights are not UL Recognized, and should be avoided.
- **Moisture resistance:** Choose lights with IP67 or IP68 if your forklift might be exposed to elements, weather or moisture.

### Why floor projection?

Warning lights are projected at the floor because people perceive movement on the ground easier than at eye level. Ground lights warn workers a lift is coming, while strobes are hidden around the blind corner while the forklift is behind it.

### Movement is critical

Movement on the ground makes the lights easier to see than if they were at eye level, hanging on the wall or off the ceiling.

# SET LIGHTS UP THE RIGHT WAY



## MOUNTING FORKLIFT WARNING LIGHTS

People near forklifts who aren't paying attention are at risk. That's why warning lights are essential.

### Combine training and warning lights

Most experts agree that the key is training for pedestrians and forklift drivers, but that training should be enhanced. Forklift warning lights, often called "blue lights" are an inexpensive and effective way to help pedestrians see forklifts emerging from rack aisles, truck trailers, around corners and other low-visibility spots.

### Blue lights are effective because they're disruptive

Unlike tape, paint lines or static signage, they aren't always there. They don't blend into the background as easily as safety precautions that are seen all day, every day.

### The right settings are critical

Since blue lights are installed on so many forklifts, it's important to understand exactly how to mount them for maximum effectiveness.

### Keep distances consistent

People get used to a certain distance will rely on the way your lights are set, so keep the distance uniform for your fleet.

### Recommendations

- **Placement:** Front and Rear of the vehicle
- **Beam Pattern Intensity:** 830+ Lux on the ground
- **Mounting Height:** 6'8" - 8'4" (2.0m - 2.5m)
- **Beam Pattern Distance** (from Vehicle): 14'9" - 17'11" (4.5m - 5.5m)



# 360° PEDESTRIAN DETECTION



## ZoneSafe® detects pedestrians and warns drivers—even through solid walls or rack aisles

ZoneSafe® uses identification and detection technologies, audible alarms and flashing lights to help protect pedestrians from forklift accidents. This RFID-based system creates a 360° detection zone around equipped vehicles and alerts drivers when a pedestrian is detected. ZoneSafe® can also activate warning lights on walls, bollards, or other fixed locations.

Visit [www.cisco-eagle.com/zonesafe](http://www.cisco-eagle.com/zonesafe) for videos, articles and details



### Applications

- **Pedestrian protection:** pedestrians wear detectable tags that trigger forklift drivers with audiovisual alarms
- **Walkway alert systems:** warn at intersections and around blind corners to help prevent collisions
- **Asset protection:** Safety cone transponders alert drivers of equipment and machinery in the zone
- **Vehicle access control:** gates restrict all vehicles except those with authorized transponder tags

# SAFER LOADING & UNLOADING



“Forklift drivers sometimes are asked to navigate their forks blind. When you’re dealing with high-bay racks or loads blocking their sight lines, drivers have to pick and place pallets in spots they can’t see. Cameras, laser markers, tilt indicators and other aids make this easier and safer, but should always be paired with driver training and safety processes.”



—Rodney,  
Employee-Owner Since 2013  
Sales Director



## FORKLIFT-MOUNTED COLLISION SENSOR WITH AUDIBLE ALARM



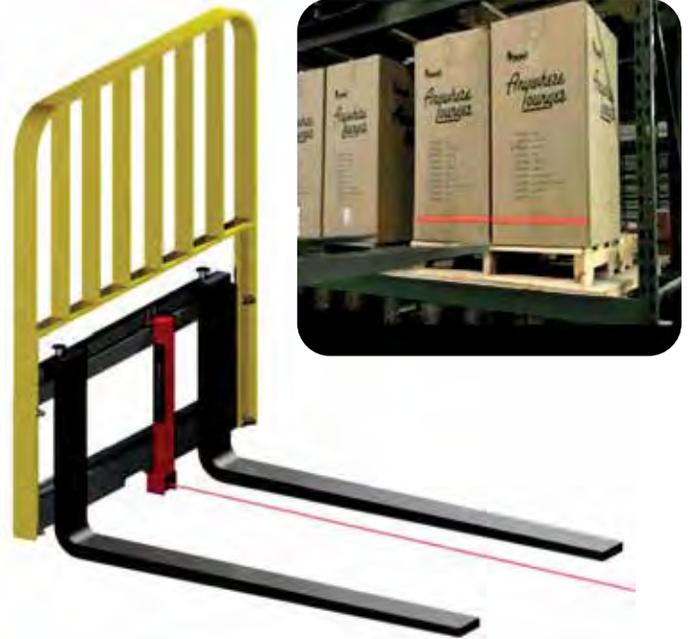
Forklift-mounted sensors help make drivers aware of objects and pedestrians behind them by using light signals and an audible alarm. Within 16’ of an obstruction, red LED lights in the cab flash slowly to alert the driver.

Within 10’, they flash faster. And at 6’, they stay on continuously and an audible alarm sounds. It’s powered by the forklift, so you won’t have to worry about charging the unit.

## LASER TINE GUIDE SYSTEMS

### Faster, safer pallet placement and removal

Tine guide lasers guide drivers as they pick or place pallets, significantly reducing the chances of tines breaking open bags, punching holes in cartons or damaging goods. Single laser aligns with forks; dual lasers include one laser for fork alignment and one laser for carriage alignment with rack to prevent damage. Some models power up based on height, while others power up based on the vibrations of a running forklift. Powers with either forklift or batteries.



# IMPROVE DRIVER VISIBILITY

## FORKLIFT SAFETY CAMERA SYSTEMS



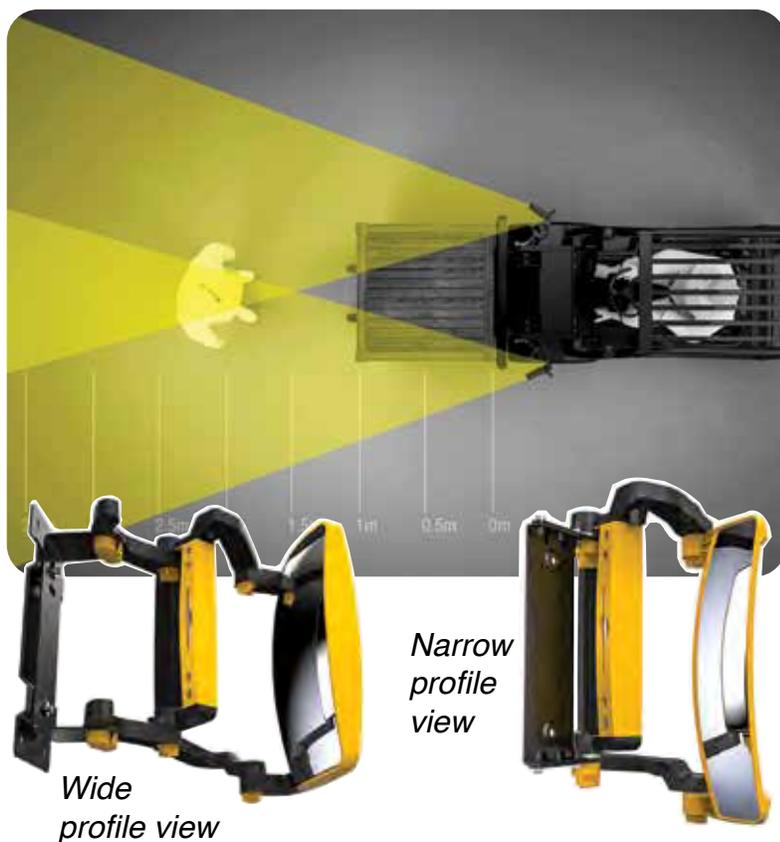
Wireless camera systems give forklift drivers better visibility of areas they typically can't see. Mount them on the back of the forklift as a back-up camera, on the overhead guard or on the carriage for fork/pallet alignment. Up to four cameras can be displayed on a single monitor to give the driver plenty of views. 7" or 9" LCD display monitors, provide night vision which provides an exceptionally clear picture.

### FORWARD PERSPECTIVE MIRRORS

Mirrors help drivers see their tines and the area in front of the vehicle for surer, safer tine placement during unloading.

Because loads can block drivers' line of sight, this helps improve safety and avoid collisions.

Mirrors require no batteries or wiring and deliver visual information in real time. Constructed from impact and shatter-resistant materials, they fold back when struck and are easily repositioned. Choose wide or narrow profile mirrors.



# SAFER FORKLIFT OPERATIONS

## HELP DRIVERS SEE BETTER



- Eliminate distracted driving. Don't allow drivers to use cell phones, wear headphones, drink, eat, etc. while they're operating forklifts. They should be entirely focused on safe driving and loading.
- Warehouses, particularly in the cavernous aisles between rack rows, can get dark. There are many energy efficient lighting solutions that can help you increase overall visibility (and save money). Make sure areas where drivers operate are bright and visible. You can also mount lights on the forklift to help the driver. The general guideline is that you need forklift lights if your ambient lighting is less than 2 lumens/square foot.
- Clutter in aisles or around dock doors contributes to poor visibility, which is a significant contributor to accidents. Don't let pallets, stacks of cartons, or other obstacles sit in your lanes and aisles.
- Vision-test your drivers every year to be sure they can safely operate forklifts.



People blame drivers for most forklift accidents, but environmental factors may be the real problem. 25% of forklift accidents might be avoided by improving lighting, spacing, clutter and training.

—Patrick, Employee-Owner  
Since 2022  
Account Executive



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## LED FORKLIFT LIGHTS



### **Illuminate dark aisles, coolers, other areas**

LED headlights improve visibility in dimly lit trailers or warehouses. Choose 1,500 or 500 lumens of lights, wired to forklift power.

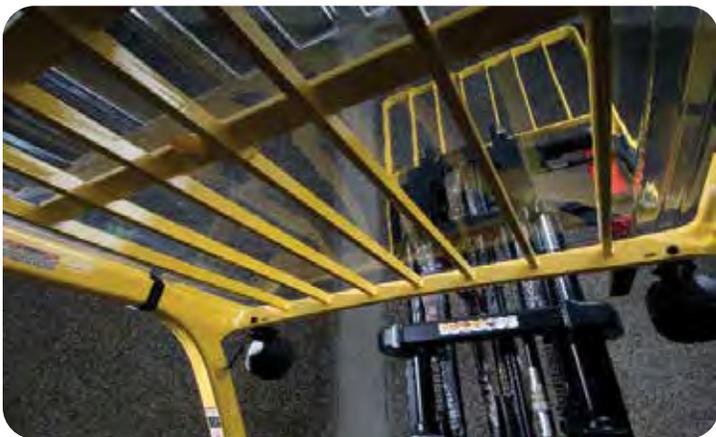
# PROTECT DRIVERS & LOADS

## FORKLIFT OVERHEAD CAB COVERS PROTECT DRIVERS, ALLOW VISIBILITY



### Protect drivers from moisture, falling debris

Cab covers help shield drivers from rain, falling dust and light debris. Domed roof, formed channels and gutters divert water, dirt, dust and debris away from drivers. Because the cap is clear, it doesn't impede overhead view. ClearCaps™ comply with OSHA standard 1917.43 (e)(1)(ii): which states "Overhead guards shall not obstruct the operator's view."



## GENIE GRIPS



### Anti-Slip Rubber Fork Covers

Treaded rubber fork covers' grippy surface helps prevent load sliding off during turns or quick stops, and also prevent sharp metal tine ends from damaging finished goods.



### Rubber Fork Caps

Rubber caps blunt tine ends. They're an inexpensive way to reduce costly damage. Easy to install and constructed from non-marking, steel-reinforced compound rubber sturdy enough to handle tough loads in temperatures from -40° to 230°F. Caps may be used with fork back bumpers for more complete protection.



### Rubber Back Bumpers

Rubber bumpers absorb the impact of loads hitting the forklift tine backs during loading and transport, which reduces the chances of load damage.

# ATTACHMENTS ADD VERSATILITY



Forklift Fork Extensions



Drum Handling Attachments



Rug Rams/Carpet Poles



Hoisting Hooks



Forklift Boom Cranes

Sweepers & Cleaning Attachments

