



***THE WORLD'S MOST  
ADVANCED SAFETY BEACONS***



***BE SEEN***



***BE SAFE***



**Eflare** is a trusted supplier of safety technology to Emergency Services, Transport and Logistics, Mining, Industrial and Utilities professionals in over 20 countries.

Our LED safety beacons use the latest lens and LED technology to ensure your people stay safe at work, even in the most challenging conditions.

We have worked passionately for over 20 years to bring safety technology into the 21st century.

As a pioneer in LED and lens technology, we have both the experience and the expertise to understand your unique requirements, and work alongside you to design and develop safety beacons that serve your needs.

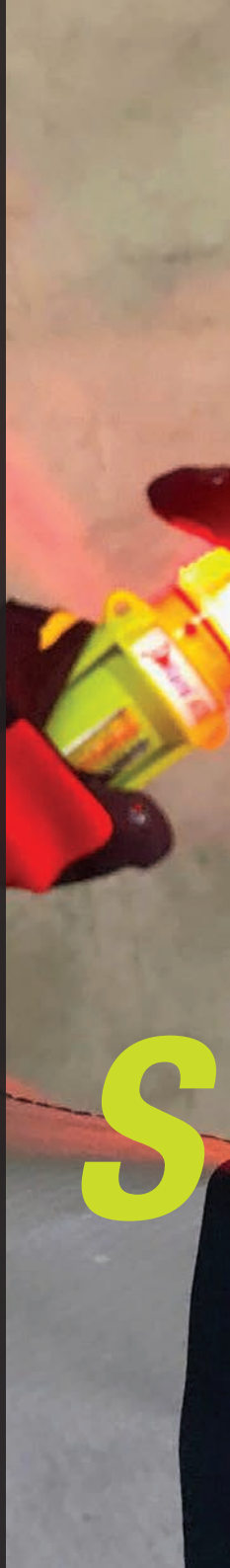
# ***Why choose Eflare Beacons?***

Versatile, compact and practically indestructible our LED flares and warning lights will see your workers through the darkest of nights.

We've spent over 20 years evolving the Eflare design so they're compact and easy to store, quick and easy to use deploy, and last for over 20 hours on a single set of batteries.

Our safety beacons are visible from over 1 kilometre at night, so you can feel confident working in even the most challenging, low-visibility conditions.

- Versatile, compact and practically indestructible
- Warranted against product defects for 5 years
- Over 500,000 units sold in 20 countries
- Visible from over 1 kilometre at night
- Uses standard AA or D Cell batteries
- Intrinsically safe
- Easy to deploy
- Lightweight





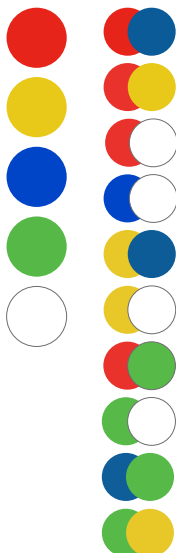
***TAND OUT  
BE SEEN***



# Design and Technology

- > State-of-the-art LED with pure colours
- > Clear Fresnel lens with specialised high-performance design/360° visibility
- > No night vision, point fixation or distance judgement issues
- > Flashing and/or steady-on options and dual flash combinations available
- > Rotate lens for on/off with failsafe positive activation
- > Body made of quality ABS long-life plastic that resists heavy damage
- > AA or D cell battery life up to 60 hours (varies by model)
- > Easy to replace batteries (some models have low battery warning light)
- > LEDs have a life of over 100,000 hours
- > Circuitry maintains light brightness to maximise batteries

Single colour & dual flash options available



# ***Our Warranty***

Eflare Corporation Pty Ltd warrants that Eflare beacons will be free from defective materials and workmanship under normal and intended use for five years from the date of purchase by the original end-user. This warranty replaces all statutory rights, but only to the extent that they cannot be excluded by law.

If the original end-user purchaser detects any defect in the materials or workmanship, the beacon must be returned, with proof of its purchase, directly to place of purchase. Eflare Corporation Pty Ltd will repair or replace, at its sole discretion, any product found to be defective in material and workmanship in that five-year period. Where possible, repair or replacement will be made using identical components; however, this may not be possible and in such an instance Eflare Corporation Pty Ltd will replace the items with products or parts that are comparable in quality and value.

# ***Accreditations***

Eflare Beacons are compliant with the publications IEC 60079 Part 0 (General requirements) and Part 11 (Intrinsic Safety "i") and as listed below:

- > *IEC60079-0: 2011 Edition 6.0*
- > *IEC60079.11: 2011 Edition 6.0*
- > *IEC60529: 2001 Edition 2.1*

## **Eflare accreditation**

- > *Accreditation Level - Ex ic IIC T4 Gc IP66*
- > *ATEX Certificate No. – ITS10ATEX27129*
- > *IECEx Certificate No. – IECEx TSA 11.0023*





## ***Emergency Services***

Eflare emergency warning beacons are trusted by police, firefighters, EMTs, search and rescue teams to flawlessly designate accident scenes, contaminated environments, roadblocks and other hazards.





## Victoria Police, Australia

Developed in conjunction with Victoria Police, the Red/Blue dual flash beacons are widely used throughout the force for Random Breath Tests (RBT), accident scenes, warning devices and roadblocks.

## Department of Health, UK

Eflares are used in England, Scotland and Wales in mobile decontamination units. A green and white dual flash model for use at incidents which may involve contaminated casualties and environments.

## Royal Canadian Mounted Police, Canada

For over 10 years, the RCMP has used Eflares to improve safety for its officers. Our single colour flash beacons are used for emergency sites and patrol work where low visibility and difficult weather conditions are common.

## Country Fire Authority, Australia

The CFA relies on safety products like the Eflare red and blue dual flash to perform their duties safely and efficiently. Now this product has been certified Intrinsically Safe to ATEX certification it is also used safely in hazardous environments.

## Applications

- > *Police, Fire, Ambulance, Rescue*
- > *DUI Checkpoints/Random Breath Tests*
- > *Accident/Collision Scenes*
- > *Member Safety*
- > *Traffic Road Blocks*
- > *Major Events*
- > *Traffic Control*



Add more flexibility to your Eflare with our range of accessories.



Everything you need to get started. Grab a pack from your local distributor.



## ***Industrial & Utilities***

Our LED beacons shine for over 20 hours on a single set of batteries, for an intensely bright, and portable safety light to keep your people safe at work, anytime, anywhere.



## **PSE&G, USA**

Each maintenance vehicle carries a kit of 4 beacons and during maintenance activities at night they are deployed around the work zone to increase worker safety.

## **Fulton Hogan, Australia**

Amber / white dual flash beacons are used at work sites to increase the visibility and warn oncoming traffic of the work zone.

## **Warehousing**

Red or amber flashing beacons are used in warehouses to warn forklifts that workers are active in an aisle therefore avoiding potential injuries.

## **Vehicle loading and forklift operations**

Amber or red flashing beacons are used to denote vehicle loading or forklift operations to create a safety zone around the working area.

## **Applications**

- > *Worker Safety*
- > *Truck/Container Loading area identification*
- > *Backup Forklift light*
- > *Warehouse Pick/Pack operations*
- > *Hazard Identification*
- > *Fuel Delivery Truck unloading/loading operations*
- > *Service Station Fuel Tank Dipping Identification*
- > *Site Safety*
- > *Gas main repair*
- > *Telephone Cable repair*
- > *Electricity maintenance work*



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## Rail

We've spent over 20 years developing an LED safety beacon that is intrinsically safe, portable and easy to use, even in confined spaces. We're trusted to keep workers safe in every corner of the globe, including the New York City subway system.





## New York City Transport, USA

Eflare was asked to customise a beacon for NYCT to meet stringent safety specifications around light beam profile, durability, battery life and lens/body design. The NYCT beacon has been formally approved for use by NTCT and independently accredited to an ATEX and IECEx certification.

## Toronto Transit, Canada

TTC have been using the Eflare beacons for over 10 years in track maintenance and construction of new track.

## Washington Metro, USA

Washington Metro use Eflare beacons to keep their workers safe during regular track maintenance.

## Applications

- > *Safety Flagging*
- > *Track Closures*
- > *Emergency Welding*
- > *Shunting*
- > *Worker Safety*
- > *Site Inspections*



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## ***Transport & Logistics***

Toll Group trust Eflare's latest LED technology to illuminate vehicles, work-sites or road hazards so they can be seen from over 1 kilometre away at night.



## Toll Group, Australia

Toll Group use the intrinsically safe Eflare beacons when unloading fuel at service stations at night. The beacon along with cones create a safe working area for the driver and give a highly visible warning to the public.

## Vehicle loading and forklift operations

Amber or red flashing beacons are used to denote vehicle loading or forklift operations to create a safety zone around the working area.

## Truck Breakdown

Using the Eflare beacons in conjunction with the standard road triangle creates a proactive warning for oncoming traffic making the truck driver safer and also other road users.

## Road Recovery Vehicles

Fixing a broken-down vehicle on the roadside or loading onto a truck can be dangerous at night, using Eflare to create an effective warning system for oncoming traffic means that not only is the recovery vehicle operator safer but also other road users.

## Applications

- > *Vehicle Breakdown*
- > *TB10R, TF250R, AT290R, AT290A, AT293AW, AT280R, AT280A*
- > *TOLL CONTRACT LOGISTICS*
- > *Road Maintenance*
- > *Cootes Transports Group*
- > *Road Closure*
- > *Hazard identification*
- > *DUI checkpoint*
- > *Accident/Collision Scenes*



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## ***Mining***

With high-tech features and a colour range that meets stringent industry safety specs, Eflare safety beacons help keep people safe above and below ground on mining sites across Australia.





## Roxby Downs, South Australia

BHP Billiton's Olympic Dam mine at Roxby Downs uses amber Eflares as part of its underground workings. The company says the flashing beacons when used to emphasize signs, increase the effective visibility and so raise safety levels.

## Cannington, QLD

BHP Billiton's Cannington Vale underground mine positions white Eflare beacons at all access points for loaders, either on their own, at ground level, with the standard mount, or clipped to a traffic cone.

## Applications

- > *Blasting Operations*
- > *Vehicle Breakdown*
- > *Indication of cross carts and draw points*
- > *Boom Gate Identification*
- > *Vehicle Safety Kit*
- > *Hazard Identification*
- > *Fuel Spills*

## Orange, NSW

Newcrest's Cadia Valley Operations in Ridgeway have completed with adoption of Eflare red flashing beacons as bogging warning lights. With cone-mount clips, they are quickly and effectively put in place to indicate cross carts and draw points.



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## ***Aviation & Military***

Eflare LED safety beacons can be seen from over 1 kilometre away at night, and are used for signalling, illumination, or defensive countermeasures in both aviation and military applications.



## Royal Flying Doctor Service, Australia

Eflare temporary runway kits are supplied to remote bush airstrips to create a safe and highly visible runway for the RFDS.

## Helicopter Landing Zones

The Eflare beacons can easily be deployed to create a temporary highly visible landing zones to allow a helicopter to land. Police, Rescue and Air Ambulance helicopters use the Eflare beacons in situations where they need to land safely in areas, they would not normally land. Also used in firefighting to locate water sources at night.

## Applications

- > *Temporary/Emergency Runway*
- > *Helicopter Landing Zone*
- > *Drone Landing Zone*
- > *Airport maintenance*

## Military

Militaries around the world operate in areas where a runway or helicopter landing zone may only be temporary, the ruggedness and visibility of the Eflare beacon provides them with an effective lighting system that is easily deployed to create a safe landing zone for fixed wing aircraft and helicopters in any weather conditions.

## Airport Maintenance

The intrinsically safe Eflare provides an effective warning light for airports when temporary maintenance is required. The beacons can also act as a back up runway system for the airport if needed.

## COMPLIANCES: exceeds photometric requirements as specified in -

- > *ICAO Annex 14 Volume 1, Chapter 5, Paragraph 5.3.2 Emergency Lighting*
- > *FAA Advisory Circular AC150/5345 50 Spec for Portable Runway Lights L-863B, L-863R, L-863G*
- > *STANAG Specification 3543 Annexes A and B*
- > *CASA Manual of Standards Part 139, Chapter 9, Section 9.18.3 Unserviceability Lights*



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