



LASER SAFETY HALO™

About Incident Zero

At Incident Zero, we believe that everyone should be able to go to work and arrive home safely, every day. It is our mission to reduce workplace incidents to zero.

Rooted in neuroscience, the Safety Halo™ induces safe behaviours of both the operator and the pedestrian to prompt a reduction of human-machine incidents to zero.

As our signature product, the Safety Halo™ identifies the 'kill zone' area of machinery by utilising low-powered red laser lighting to create a clearly-defined exclusion zone around the mobile plant.

Intuitive, the 'red zone' signals obvious danger and induces the innate response of humans to remove themselves from the area. Little training is required as it is simply understood, irrespective of language or education level.

About Laser Safety Halo™

Our Laser Safety Halo™ is the world's first exclusion zone for large-scale mobile plant that leverages neuroscience to positively affect human behaviour and induce safety. Projecting large distances, small in size, with a low current draw, and built to withstand the rigours of large-scale machinery, the Laser Safety Halo™ is the most effective exclusion zone system for mobile plant.

Features

- Robust design withstanding vibrations and designed with corrosion-resistant 6063 aluminium and 304 stainless steel.
- Small, lightweight, and simple.
- Low current draw—can wire into existing lighting circuits.
- Can project long distances not possible with other lighting technologies.
- Highly saturated colour for an intensely visible exclusion zone.
- Well-defined, clear lines.



Models

Red: LSHR-A1
Green: LSHG-A1

Specifications

- Laser class: Class 2 per AS/NZS IEC 60825.1:2014
- Line width: 1:1 (e.g. light projecting 3 m from the ground will provide a 3 m long line)
- Light travel distance: < 10 m
- Voltage: 12 VDC to 48 VDC
- Current: < 250 mA at 12 VDC, < 75 mA @ 48 VDC
- Cable length: 1.2 m
- Waterproof rating: IP68
- Certifications: CE, EMC (EU), FCC (US & Canada), IP68 (dust and water), DO160 (Explosive Atmospheres), Laser Safety (U.S.A.) EN/IEC 60825-1:2014 via FDA CDRH Laser Notice No. 56
- Fuse: 1 A (slow blow) ea.
- Weight: 0.380 kg
- Housing: 6063 aluminium
- Bracket: 304 stainless steel
- Dimensions (including bracket): 92 mm (width) x 62 mm (height) x 41 mm (depth)

Available in plug and play kits

Kit features

- Fast installation plug and play kit.
- No engineering required with no-drill mounting brackets.
- Junction box with surge protection provides maximum longevity.

Kit inclusions

Lights with DT2 Deutsch Connectors, junction box with surge protection, no-drill mount with 3M VHB Structural Adhesive and Scotch connectors.

Kit models

2 light kit: Red: LSHR-20PPK, Green: LSHG-20PPK
3 light kit: Red: LSHR-30PPK, Green: LSHG-30PPK
4 light kit: Red: LSHR-40PPK, Green: LSHG-40PPK
5 light kit: Red: LSHR-50PPK, Green: LSHG-50PPK
6 light kit: Red: LSHR-60PPK, Green: LSHG-60PPK
7 light kit: Red: LSHR-70PPK, Green: LSHG-70PPK

Warning

Laser light—Do not stare into beam. Class 2 laser product.

