

# HARDING

## TRAFFIC



## HTL INDUSTRIAL TRAFFIC LIGHTS

**Model:** 100mm/200mm/300mm

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# About Us

At Harding Traffic, we are more than just a company; we are pioneers in traffic control solutions with a rich history dating back to 1966 when Harding Signals was incorporated. This marked our venture into electronic traffic signals.

In 1997, our area of operations moved away from Traffic Signals and into Electronic Signage and Traffic Management Systems. To reflect this, we changed our name to Harding Electronic Signals Ltd. Harding Traffic's integration into the Traffitech Group in 2007 marked a new era of growth, joining a group of companies boasting a robust financial standing with \$45 million in revenue, assets exceeding \$20 million, and a dedicated team of 180 staff and 6 locations across New Zealand.



Our journey has been marked by a steadfast dedication to innovation and quality, leading the charge in traffic control technology. With 1000's of the country's traffic signs installed by Harding Traffic over 27 years, our impact is undeniable. Yet our ambition extends beyond electronic traffic signs; we've become a comprehensive provider of traffic management/warning systems, car park solutions, integrated traffic management solutions, data capture and analytics along with so much more. We are committed to enhancing urban infrastructure with our cutting-edge solutions.

Today, Harding Traffic stands as a testament to over 50 years of expertise in the traffic industry. Our capabilities extend across the design, manufacture, and installation of high quality, specialised traffic systems. This includes everything from Motorway signs and School Zone signs to Rural Interchange Advance Warning Signs, Illuminated Road Stud technologies, car park systems, electronic warning systems and off-street signage. We take pride in serving a diverse clientele that includes NZTA, local Councils and authorities, commercial entities and contractors.

## Quality Guaranteed

Harding Traffic holds AS/NZS 4801 Health and Safety Management certification, ISO 9001 manufacturing quality certification and ISO 14001 Environmental Management System certification. These certifications represent Harding's commitment to providing a consistently high level of service, delivery quality products based on sound management and process controls.

# Standard Features

## INDUSTRIAL TRAFFIC LIGHTS

Harding Traffic's industrial traffic lights are the ideal solution for off-street environments. They provide an economical alternative to highway-approved traffic lights without compromising on quality or performance. These lights are perfect for a range of commercial applications, such as warehouses, factories, private roads, and parking facilities.

### Customisable to Suit Your Needs

- **Sizes:** Available in 100mm, 200mm, and 300mm.
- **Colours:** Red, Amber, Green, or customised combinations.
- **Aspects:** Choose from 1, 2, or 3-light configurations for optimal functionality.
- **Specialised Options:** Pedestrian and cyclist warning lights available.

### Features that Make the Difference

Harding Traffic's industrial lights are built to deliver consistent performance, even in demanding environments:

- **High Luminous Output:** Bright, clear visibility in all conditions.
- **Temperature Resistance:** Operates efficiently in extreme heat or cold (-30°C to 60°C).
- **Moisture Protection:** IP65-rated for robust resistance to water and dust.
- **Durable Build:** Made with injection-moulded or aluminium pressure die-cast modular housings.
- **Energy Efficient:** LEDs are driven at low currents to enhance lifespan and minimise power consumption.
- **Longevity:** Designed for long-term reliability with minimal output degradation.



### What's Included in the Box?

- **Mounting Brackets:** Two C-Brackets for easy installation on poles or flat surfaces. Optional L-Brackets are available for specific requirements.
- **Visors:** Sun visors included for all sizes—polycarbonate visors for 100mm and 300mm models, and aluminium visors for 200mm models.



C-Bracket



L-Bracket



# Wiring and Installation

- **12VDC Operation:** Easy to install by any competent person.
- **230V Supply Option:** Requires a registered electrician for compliance when using a 230V power source.

## Size Options

### 1 ASPECT LIGHT SPECIFICATIONS

<b>Sizes Available:</b>	100mm, 200mm & 300mm
<b>Operating voltage:</b>	12VDC
<b>Colour:</b>	Red, Amber or Green
<b>LED'S:</b>	1 (100mm), 3 (200mm), 3 (300mm)
<b>Module Shape:</b>	Round
<b>Power Consumption:</b>	≤5W (100mm, 200mm); ≤9W (300mm)
<b>Housing Material:</b>	PC (UV-Stabilized Polycarbonate)
<b>Luminance:</b>	100cd (100mm); 800cd (200mm, 300mm)
<b>Operating Temperature:</b>	-30°C~60°C
<b>IP Rate:</b>	IP 65

100mm Size



200mm Size



(300mm is also available in a 1-aspect configuration)

## 2 ASPECT LIGHT SPECIFICATIONS

<b>Sizes Available:</b>	100mm, 200mm & 300mm
<b>Operating voltage:</b>	12
<b>Colour:</b>	Red/Green or Red/Amber
<b>LED'S:</b>	1*2 (100mm), 3*2 (200mm), 3*2 (300mm)
<b>Module Shape:</b>	Round
<b>Power Consumption:</b>	≤5W (100mm, 200mm); ≤9W (300mm)
<b>Housing Material:</b>	PC (UV-Stabilized Polycarbonate)
<b>Luminance:</b>	100cd (100mm); 800cd (200mm, 300mm)
<b>Operating Temperature:</b>	-30°C~60°C
<b>IP Rate:</b>	IP 65

### 100mm Size



### 200mm Size



### 300mm Size



### 3 ASPECT LIGHT SPECIFICATIONS

<b>Sizes Available:</b>	100mm, 200mm & 300mm
<b>Operating voltage:</b>	12
<b>Colour:</b>	Red/Amber/Green
<b>LED'S:</b>	1*3 (100mm), 3*3 (200mm), 3*3 (300mm)
<b>Module Shape:</b>	Round
<b>Power Consumption:</b>	≤5W (100mm, 200mm); ≤9W (300mm)
<b>Housing Material:</b>	PC (UV-Stabilized Polycarbonate)
<b>Luminance:</b>	100cd (100mm); 800cd (200mm, 300mm)
<b>Operating Temperature:</b>	-30°C~60°C
<b>IP Rate:</b>	IP 65

100mm Size



200mm Size



300mm Size

