ILLUMIN8 LED SIGNAGE

Model: MV ILM8 C060B

Harding Traffic Ltd

The Company and Technology

Harding Traffic Ltd, (HTL) has been installing traffic control systems since 1963. Over the past 50 years, HTL has broadened its activities to many sectors of the industry including traffic control, traffic management, car park solutions and street furniture.

Formed in 1959 as H.K.M Industries Ltd the company was involved in the manufacture of the first electronic sewing machines in NZ through the Bernina brand. The Company name was changed in 1966 to Harding Signals to reflect the company's core business at that time, electronic traffic signalling. It is, by this name we are still often referred as over 80% of New Zealand traffic signals were supplied and installed by the company over a period of 34 years

HTL has grown into a traffic company with unrivalled New Zealand experience in the design, manufacture and installation of traffic systems, electronic road signage, variable message signs (VMS), Smartstud systems, car park systems and vehicle analytics for NZTA, local authorities, commercial companies 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
BELISHA DISC

Our range of Illumin8TM signs are compliant to NZTA standards and are used to highlight or enforce road condition or rules in environments where retro-reflectivity on its own does not suffice.

The edge-lit signs use high quality LEDs with a lifespan in excess of 100,000 hours and feature DG3 retro-reflective sheeting, so when not illuminated it ensures the road signs have a high standard of visibility day / night and low light conditions. These signs are suited for high-risk areas such as no entry, no right turn or wrong way applications.

A solar powered or solar assisted option is available so that even in areas with no mains power, increased visibility can be achieved without the prohibitively high cost of providing a power supply over long distances. All Illumin8TM signs feature Signfix mounting channel on the reverse to take advantage of the wide range of Signfix mounting options.

FEATURES

- Low maintenance costs
- Energy cost savings
- Environmentally friendly
- Low carbon footprint
- Environmentally friendly
- Improved road safety
- Robust construction
- Vandal resistant
- Passively safe
- Visible from wide angles
- Easy to install
- Designed for New Zealand conditions

SPECIFICATIONS

Sizes Available:	600mm diameter
Operating voltage:	12V DC 3 Amp max
Input:	12v DC is the standard,
	230V AC 50 Hz 0.7 Amps Max (Also available on request)
Input power(loading):	Approx. 25W
Output:	12VDC, 1.5Amp
Operating temperature:	-20c to +50c
Humidity:	0-95% RH
Construction:	2.0mm Aluminium
Light Output:	1000-2000 cd/m2 (colour dependent)

Image Options

No Left Turn   No Right Turn   No U-Turn   No Pedestrians   No Cycling

NO EXIT   EXIT ONLY   ENTRY   ENTRY ONLY

Generic Direction Signs – Red   Generic Direction Signs - Green

Wiring and Installation

The sign can be installed by a registered electrician.

Additional Options

SMALL EXTERNAL SOLAR/BATTERY KIT

Harding Traffic's solar systems are matched to each sign type. Our solar systems a calculated to power a sign without sunlight for a minimum of two days and to recharge the batteries within one normal sunlight day. They use industry standard solar power components housed externally within a secure box (including batteries). The solar panel is affixed to the top of the pole that the sign is mounted on

- **HTL Code:**   MV EBSKS100
- **Battery Box Cabinet Size:** 515H x 415W x 230Dmm
- **Cabinet IP Rating:**   IP66
- **Weight:**   Approx. 25kg w/ batteries
- **Total Batteries:**   3 x 12V20Ah
- **Solar Charger:**   MPPT 10A
- **Solar Panel Size:**   1200H x 540W x 35Dmm
- **Solar Max Power Voltage:**   18 V
- **Solar Max Power Current:** 5.56 A
- **Solar Power Tolerance:**   0~3W
- **Solar Cells:**   Monocrystalline Silicon Cells
- **Solar Front Face:**   3.2mm, Low Iron, Tempered Glass
- **Solar Junction Box:**   IP67
- **Solar Operating Temp:**   -40 ℃∽ +85°C

All features, benefits and specifications are subject to change.