TRAFFIC
TECHNOLOGIES

GO GREEN

NEW PRODUCT

ENVIRO LANTERN HOUSINGS

GO GREEN ENVIRO LANTERN HOUSING –
SUSTAINABLE, ECO-FRIENDLY, ECONOMIC COST BENEFITS

GO GREEN Enviro Lantern's Housing robust design is equivalent to typical aluminium and polycarbonate lantern housings, withstanding the harsh Australian weather and traffic conditions within cities and suburbs.

- ✓ ECONOMIC COST BENEFITS
- ✓ 100% AUSTRALIAN MADE
- ✓ 100% RECYCLABLE
- ✓ 32% LIGHTER THAN ALUMINIUM
- ✓ DURABLE AND LONG LASTING
- ✓ SUSTAINABLY SOURCED
- ✓ PASSES ALL TRAFFIC SIGNAL REQUIREMENTS
- ✓ FLAME RETARDANT
- ✓ UV STABILISED

TTL (Traffic Technologies Ltd) has developed the **GO GREEN Enviro Lantern Housing** incorporating eco-design principles and considering stringent traffic signalling requirements. This eco-friendly housing not only meets the necessary Australian Standards (**AS-NZS-5377** and **AS-2144**) but contributes towards global sustainability by reducing CO2 emissions from product manufacture and energy reduction.

The **Enviro Lantern Housing** is both ***recyclable*** and ***lightweight*** providing a durable solution without compromise. By choosing Go Green, customers are making an environmental and responsible choice. **GO GREEN makes ECO-sense.**

TTL METHODOLOGY

TTL follows a sustainable methodology to minimise landfill waste from toxic products and reduce environmental pollution. When the broken or obsolete lantern assemblies are sent for dismantling, TTL recovers the commodity materials; nylon, resin, metals and all other recyclable compounds from these assemblies. The materials are subsequently recycled and repurposed for the manufacture of the **Enviro Lantern Housings** and other TTL manufactured traffic products.

GO GREEN ENVIRO LANTERN HOUSING

MATERIAL DESCRIPTION

- Black - Flame Retarded
- Non-Halogenated, Non-Phosphorous Fire Retardant
- High Flow
- Heat Stabilised
- UV Stabilised

FEATURES

- Economic cost benefits
- 100% recyclable as per Australian Standards: **AS-NZS-5377** and **AS-2144**
- Extremely light construction - **32% lighter** than aluminium
- Light field insert diameter 200 or 300 mm
- Developed under eco-design principles
- Sustainable reduction of CO2 emissions
- Optimized strength and stability
- Vertical and horizontal installation
- High resistance to vandalism

TECHNICAL SPECIFICATION

Ingress protection :	Water – (**IP35**) and dust-proof – (**IP55**)
Housing colours :	**RAL 9005** black
Insert Diameter :	**200**mm and **300**mm
Mounting :	as per **AS-2144**
Approval Certicate No :	**ITS-TAN000134**
Approval Standards :	**AS-2144, TSI-SP-045**

ENVIRONMENTAL TESTING	CERTIFICATE		
Change of Temperature	EN 600068-2-14	✓	Pass
Cyclic Damp Heat	EN 600068-2-30	✓	Pass
Random Vibration	EN 600068-2-64	✓	Pass
IP5X	IEC 60529	✓	Pass
Salt Mist	EN 60068-2-52	✓	Pass

TRAFFIC
TECHNOLOGIES

Traffic Technologies Ltd

12 - 14 Leeds Street
Rhodes NSW 2138

www.trafficltd.com.au

NSW
P: +61 2 9701 9900
e: info@trafficltd.com.au

VIC
P: +61 3 9430 0222
e: info@trafficltd.com.au

SA
P: +61 3 9430 0266
e: info@trafficltd.com.au

NT
P: +61 8 8947 0733
e: info@trafficltd.com.au

ACT
P: +61 2 6299 7922
e: info@trafficltd.com.au

WA
P: +61 8 9248 1002
e: info@trafficltd.com.au

QLD
P: +61 7 3184 2000
e: info@trafficltd.com.au

TAS
P: +61 3 6273 1177
e: info@trafficltd.com.au

UNITED KINGDOM
P: +44 (0) 1159 223 797
e: info@aldridgetraffic.co.uk

BESTPRACTICE CERTIFICATION ISO45001 OH&S MANAGEMENT SYSTEM
BESTPRACTICE CERTIFICATION ISO9001 QUALITY MANAGEMENT SYSTEM
BESTPRACTICE CERTIFICATION ISO14001 ENVIRONMENT MANAGEMENT SYSTEM
NATA WORLD RECOGNISED ACCREDITATION Accreditation No. 10378

its australia SILVER MEMBER
ZHAGA Associate Member
IPWEA INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA
TALQ ASSOCIATE MEMBER

22/08/23 Ref: Go Green V.8.0