ALDRIDGE

GO GREEN

ECO FRIENDLY

NEW PRODUCT

ENVIROLITE - LANTERN HOUSING
Sustainable and 32% Lighter than aluminium

GO GREEN ENVIROLITE LANTERN HOUSING – 100% RECYCLABLE
SUSTAINABLE, ECO-FRIENDLY, 32% LIGHTER THAN ALUMINIUM, PLUS COST BENEFITS

GO GREEN **Envirolite Lantern 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 Envirolite 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 CO_2 emissions from product manufacture and energy reduction.

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

TTL METHODOLOGY

TTL follows a sustainable methodology to minimise landfill waste from toxic products and reduce Envirolitenmental 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 **Envirolite Lantern Housings** and other TTL manufactured traffic products.

GO GREEN ENVIROLITE LANTERN HOUSING

MATERIAL DESCRIPTION	FEATURES
▪ Black - Flame Retarded	▪ Economic cost benefits
▪ Non-Halogenated, Non-Phosphorous Fire Retardant	▪ 100% recyclable as per Australian Standards: **AS-NZS-5377** and **AS-2144**
▪ High Flow	▪ Extremely light construction - **32% lighter** than aluminium
▪ Heat Stabilised	▪ Light field insert diameter 200 or 300 mm
▪ UV Stabilised	▪ Developed under eco-design principles
	▪ Sustainable reduction of CO2 emissions
	▪ Optimized strength and stability
	▪ Vertical and horizontal installation
	▪ High resistance to vandalism

IP35 IP55 ♺ IK08 FLAME RETARDANT UV STABILISED HEAT STABILISED

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**	

ENVIROLITE 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**

Aldridge Traffic Systems

Unit 38, 38-46 South St.
Rydamere NSW 2116
Australia

www.trafficltd.com.au

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

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

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

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

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

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

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

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

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

Accreditation No.
10378