

TRAFFIC
TECHNOLOGIES

GO  **GREEN**



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 CO2 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 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 **EnviroLite Lantern Housings** and other TTL manufactured traffic products.



MATERIAL DESCRIPTION	FEATURES
<ul style="list-style-type: none"> Black - Flame Retarded Non-Halogenated, Non-Phosphorous Fire Retardant High Flow Heat Stabilised UV Stabilised 	<ul style="list-style-type: none"> 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 :	200mm and 300mm
Mounting :	as per AS-2144
Approval Certificate 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



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