



Intelligent Transport Systems

Type Approval

Certificate No:	ITS-TAN000082
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Issued to:

Global Traffic Equipment Pty Ltd

For:

Illuminated Flashing Arrow Signs			
RMS Specification:	FAS/5	Version:	1.0

Summary Scope:

Model: **Type – B Arrow board Double-sided**

Model Number: **LDC-ABD**

Arrow Controller: **Arrow Board Switch AC4S**

Software: **V1.2**

Note: Conditions of approval are on the reverse side of this certificate.

Evaluation Reference:	ITS-EV00116	Approver:	Manager TSI
Approver Signature:		Date:	15/10/2018

A) Description and itemisation of the equipment covered by the type approval:

LED flashing arrow sign – type ‘B’ (models: double-sided LDC ABD), comprising:

- Black sign board with fifteen (small element) 100mm High Intensity LED lamps on the front panel and fifteen (small element) 100mm High Intensity LED lamps on the rear panel (LED Lamp PCB Model: GTE-10650-12-01B with 50 LEDs) and visors;
- LED lamp optical chamber ingress protection rating – IP65;
- Dimming control of LED lamps intensity using a photocell;
- Arrow controller (models: Arrow Board Switch AC4S);
- 12V and 24V input power capability with a Combination Isolator Switch and Circuit Breaker;
- Sign board ingress protection rating – IP45;
- Electric actuator (12V or 24V) for raising and lowering of sign board.

B) Summary of deviations from specified requirements:

NIL.

C) Relevant Specifications, Drawings and Standards:

RMS Specification FAS/5 specifies that the traffic signal lanterns shall comply with all the requirements of AS 4192:2006, except as varied in FAS/5.

D) Conditions of use:

Certificate users shall verify with RMS whether this certificate is current, valid, and applies to the latest RMS specification version, when using in situations where current validity is required.

The Type B illuminated flashing arrow sign board is designed for use in Region A, Terrain Category 2 and a maximum viewing distance of 860m.

E) Related Certification History:

Certificate Number	Issued	EV Number	Description or change details
1401-FAS5-0-1B	22/06/2016		1401-FAS5-0-1B has been renewed and superseded by this certificate.