



Intelligent Transport Systems

Type Approval

Certificate No:

ITS-TAN000055

Issued to:

Data Signs Pty Ltd

For:

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

Summary Scope:

Model: Type – C Trailer –mounted Arrow board

Model Number: Type – C Arrow Switch Rev. 1

Arrow Controller: 43020

Software: 01.00.04

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

Evaluation Reference:	ITS-EV00115	Approver:	Manager TSI
Approver Signature:	<i>Raj J Roychowdhry</i>	Date:	08/11/2018

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

LED flashing arrow sign – type ‘C’ trailer-mounted (models: Type – C Arrow Switch Rev. 1), comprising:

- Black sign board with fifteen (large element) 130mm High Intensity LED lamps (LED Lamp PCB model 43300 Rev. A with 104 LED’s) with visors on the front panel and two 100mm LED indicator lamps on the rear panel;
- LED lamp optical chamber ingress protection rating – IP65;
- Dimming control of LED lamps intensity using a photocell;
- Arrow controller (models: 43020);
- 12V battery input power capability with a fuse;
- Sign board ingress protection rating – IP55;
- Electrical equipment enclosure ingress protection rating – IPX5;
- Solar panel with solar charge controller for charging with a fuse;
- Electric actuator for raising and lowering of sign board;
- Optional 240V battery charger.

B) Summary of deviations from specified requirements:

In lieu of LED lamp elements IP65 test report, failure of elements due to moisture ingress will be covered under warranty.

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 C 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
1507-FAS5-0-1C	18/08/2015		1507-FAS5-0-1C has been renewed and superseded by this certificate.