



Intelligent Transport Systems

# Type Approval

**Certificate No:**

**ITS-TAN000069**

Issued to:

**J1-LED Intelligent Transport Systems**

For:

**Illuminated Flashing Arrow Signs**

**RMS Specification:**

**FAS/5**

**Version:**

**1.0**

Summary Scope:

**Model: Type – B Arrowboard Single-Sided**

**Model Number: JL-D-0128**

**Arrow Controller: JL-D-0128**

**Software: JLD0128124**

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

<b>Evaluation Reference:</b>	<b>ITS-EV00117</b>	<b>Approver:</b>	<b>Manager TSI</b>
<b>Approver Signature:</b>	<i>Raj J Rajchoudhry</i>	<b>Date:</b>	<b>15/10/2018</b>

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

LED flashing arrow sign – type ‘B’ (models: JL-D-0128), comprising:

- Black sign board with fifteen (large element) 130mm High Intensity LED lamps (LED Lamp PCB 0225-0130-0001 with 84 LEDs) and visors on the front panel;
- LED lamp optical chamber ingress protection rating – IP65;
- Dimming control of LED lamps intensity using a photocell;
- Arrow controller (models: JL-D-0128);
- 12V and 24V input power capability with fuse;
- Sign board ingress protection rating – IP45.
- Electric actuator for raising and lowering of the 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
1708-FAS5-0-1B	9/08/2017		1708-FAS5-0-1B has been renewed and superseded by this certificate.