



Intelligent Transport Systems

Acceptable Product Record

Acceptance No:	ITS-AN000039
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For:

Manufacturer	Hi-Vis
Product	LEDWARNINGSIGN2018

Summary Scope:

Vehicle Activated Sign (VAS)

Evaluation Reference:	ITS-EV0159	Approver	Manager TSI
Approver Signature:	<i>Raj J Roychoudhry</i>	Date	4 th Feb 2019

A) RMS Specification, and version (if applicable):

Primary specification: TSI-SP-066 version 2.0.

Secondary specifications and standards: TSI-SP-067 v1.0, AS4852.1-2009.

B) Description and itemisation of the equipment covered:

Model: LEDWARNINGSIGN2018

C) Scope of use for which acceptance applies.

General applications of vehicle activated signs.

D) Conditions of use

- 1) Certificate users shall verify with RMS whether this certificate is current and valid, when using in situations where current validity is required.
- 2) Radar maximum range is 140m.
- 3) Solar power only, sign not equipped for mains supply.
- 4) No local facility switch provided, display may be turned off remotely by software if responsive, or if not communicating, may be turned off locally via fuses.
- 5) The VAS does not support the TSI-SP-003 communications protocol. The Hi-Vis proprietary web based monitoring system is expected to be used for maintenance and monitoring of the Hi-Vis VAS.
- 6) The luminance and luminance ratio for the yellow annulus is below that specified, although it remained visible in adverse low sun conditions from the data presented. The annulus may be less prominently visible than desirable in some lighting conditions.
- 7) The evaluation does not cover the suitability of what is shown on the sign, or the logic of placement or triggering, or recognition time and display size factors. These considerations should be discussed with the RMS principal; unless otherwise intrinsically covered by the purchasing contract.