



Intelligent Transport Systems

# Type Approval

<b>Certificate No:</b>	<b>ITS-TAN000010</b>
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Issued to:

**TYCO Traffic and Transportation**

For:

<b>LED Traffic Signal Lantern</b>			
<b>RMS Specification:</b>	<b>R3452</b>	<b>Version:</b>	<b>1.0</b>

Summary Scope:

Sizes: **200mm**

Models: **Two Aspect Pedestrian**

Model Number: **8959 105 00100**

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

<b>Evaluation Reference:</b>	<b>ITS-EV00068</b>	<b>Approver:</b>	<b>Manager TSI</b>
<b>Approver Signature:</b>	<i>Steven Shaw</i>	<b>Date:</b>	<b>03/08/2018</b>

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

LED lantern 200mm Two-aspect Pedestrian (complete lantern models: 8959 105 00100), comprising:

- Two section 5251 grade aluminium housing, matt black powder coat finish;
- Black polycarbonate doors and tinted polycarbonate convex and diffused lens – UV stabilised;
- Red Standing Man aspect TSL-08B-AM, 6.5 Watts and 80 LEDs (5mm LEDs: Lite-On Technology LTL2H3SEKS-032A);
- Green Walking Man aspect TSL-08B-CM, 6 Watts and 72 LEDs (5mm LEDs: Lite-On Technology LTL2H3TCKS7);
- Aspect optical chamber ingress protection rating – IP65;
- The pedestrian mask is formed on the exterior lens using black UV paint.

**B) Summary of deviations from specified requirements:**

Nil.

**C) Relevant Specifications, Drawings and Standards:**

RMS Specification R3452 specifies that the traffic signal lanterns shall comply with all the requirements of AS 2144:2002, except as varied in R3452.

**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.

**E) Related Certification History:**

Certificate Number	Issued	EV Number	Description or change details
0801-R3452-PED	22/01/2008	n/a	0801-R3452-PED has been renewed and superseded by this certificate