

Certificate of Acceptance

Certificate No: PA05/01133 Issue: 6 Date: 01/02/2010
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Product:	Universal Version Ground Position Light (GPL) Signal Light Modules in Light Emitting Diode (LED) form: Red, White, Green, Red/White switching forms, yellow and yellow/white switching forms.
Manufacturer:	Unipart Rail – Dorman Wennington Road, Southport PR9 7TN

The product above is accepted for use on railway infrastructure for which Network Rail is the Duty Holder (as per the ROGS regulations) within the defined Scope of Acceptance and any specific conditions in the certificate. Where the product is to be used as part of infrastructure for which NR is not the duty holder (e.g. Leased station), this certificate may be taken as evidence that the product is compatible with NR infrastructure (within the Scope of Acceptance), however it shall not absolve the sponsor from complying with any product acceptance requirements of that duty holder before committing that product to use.

Failure to abide by the certificate requirements may lead to acceptance by Network Rail becoming invalid.


Scope of Acceptance

The version covered by this issue is suitable for use with SSI, GETS VHLC or relay-based control. For use in Position Light Signals (PLS) generally complying with Specification RT/E/S/10110 and other suitable applications.

Specific Conditions:

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by:



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Professional Head, Signal & Telecommunications



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SPECIFIC CONDITIONS

MANUFACTURER

- Ensure that the latest relevant standards/ drawings are available and worked to, and that the product is compliant.
- Notify Network Rail Technology Introduction Group:
 - Within 48 hours, of any deficiencies affecting the product quality, functionality and safety integrity of the product (including corrective action undertaken or proposed).
 - Of any intended change to the accepted product. Changes include:
 - a) a change to the product configuration (to the actual product or its application);
 - b) a variation to or addition of manufacturing locations or processes; and
 - c) a change in the name or ownership of the manufacturing company.
- Provide all documentation in the English (UK) language.
- Provide operating and maintenance manuals to purchasers/users of the product.
- Provide training manuals and an appropriate level of training to purchasers/users of the product.

USER CLAUSES

- Where it has been decided to retrofit a PLS head with these Modules then the PLS will be fitted with a full complement of Modules.
- Where a non standard arrangement of more than one PLS head is mounted on the same post or structure, then all PLS heads on that post or structure will be fitted with a full complement of Modules.
- Yellow and yellow/white switching forms are for use only for conversion or replacement of existing shunt signals showing a yellow 'on' aspect. The yellow/white switching module should only be arranged to show a yellow pivot light when all other GPL signals in the locality show a red or yellow pivot light when 'on'.
- Use of Modules in other than PLS heads shall be covered by an application-specific Certificate of Acceptance for the housing arrangement

GENERAL

- Users of the product are responsible for ensuring compliance with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- Users are responsible for ensuring that the product is fit for purpose and that the application of use complies with the scope of acceptance. Any product defect should be taken up immediately with the supplier. If the defect is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway this shall be reported in writing to Network Rail Technology Introduction Group.
- Anyone becoming aware of a change to the product configuration (to the actual product or its application) should inform Network Rail Technology Introduction Group in writing.
- All staff required to use the equipment shall be suitably trained and, where appropriate, qualified as competent to use it.
- Products shall be maintained in accordance with the manufacturer's recommendations.
- Products shall be repaired / serviced by the manufacturer or its nominated agent only.
- Where the product is to be used in areas where Network Rail is not the Duty Holder (e.g.



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Leased Stations), the sponsor shall obtain formal consent from the Duty Holder for the locality where the equipment is to be installed in compliance with Railway Group Standard GE/RT8270 to deploy that equipment on, or about, or as part of that party's on or about their infrastructure. The decision of that party is absolute, and cannot be overridden except through the escalation processes established in the ROGS regulations.

PRODUCT CONFIGURATION

Part No.	Description	PADS No.
SLM2/R-/1/P/G	LED Module, Ground Mounting. Red	086/001294
SLM2/W-/1/P/G	LED Module, Ground Mounting. White	086/001295
SLM2/Y-/1/P/G	LED Module, Ground Mounting. Yellow	086/001296
SLM2/RW/1/P/G	LED Module, Ground Mounting. Red/White	086/001297
SLM2/YW/1/P/G	LED Module, Ground Mounting. Yellow/White	086/001298
SLM2/G-/1/P/G	LED Module, Ground Mounting. Green	086/001299
SLM2/R-/1/P/O	LED Module, Overhead Mounting. Red	086/001300
SLM2/W-/1/P/O	LED Module, Overhead Mounting. White	086/001301
SLM2/Y-/1/P/O	LED Module, Overhead Mounting. Yellow	086/001302
SLM2/RW/1/P/O	LED Module, Overhead Mounting. Red/White	086/001303
SLM2/YW/1/P/O	LED Module, Overhead Mounting. Yellow/White	086/001304
SLM2/G-/1/P/O	LED Module, Overhead Mounting. Green	086/001305

ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
AR TE EST0005 (Issue 1)	Amey Rail & Dorman Traffic Products Ltd Safety Case submission	June 2001	1
AR TE EST0005S	Supplementary Test Results for the Production Versions of Position Light Signal Lamp Modules in Light Emitting Diode Form: Universal Module	February 2002	2
AR2	Proposal for product acceptance	23/08/2000	1
OPT/01268	Scientifics Ltd report "Report of Optical testing on one Position Light Signal Aspect constructed using LED Technology"	06/12/2001	3
AR TE EST0007	Amey Rail & Dorman Traffic Products Ltd Safety Case submission	March 2002	3
Test Cert. 1420	Type Test reports for Green Modules	07/07/2005	5
-	Unipart Rail Dorman, LED Colour Light Signal – Independent Safety Assessment for Product Acceptance, Review of Type Test Reports for LED Colour Light Signal Component Changes.	22/07/2009.	3
PA05/03663	Photo Transistor	N/A	3
PA05/03662	Yellow LED	N/A	3
PA05/03664	Power transistor	N/A	3



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CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	31/08/2001	First accepted for use.
2	08/02/2002	Clarification of scope of acceptance
3	29/07/2002	Addition Of Yellow and Yellow/White modules
4	21/03/2005	Additional application – GETS VHLC.
5	27/07/2005	Addition of Green Modules and extension of scope.
6	01/02/2010	Re-issued to include the following component changes: <ul style="list-style-type: none">• Photo Transistor (PA05/03663)• Yellow LED (PA05/03662)• Power transistor (PA05/03664)



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DISTRIBUTION

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