

Certificate of Acceptance

Certificate No: PA05/01515 Issue: 5 Date: 01/02/2010
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Product: LED Searchlight Long Range Signal Colour Light Module.

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

Accepted for use on Network Rail's infrastructure as a Long Range Colour Light Signal in accordance with NR/SP/SIG/10062. May be operated from 110V ac or 120V dc (nominal) supplies.

Specific Conditions:

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

Authorised by:



Eur. Ing. Steve Hailes MA, CEng, MIET, FIRSE
Professional Head, Signal & Telecommunications



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SPECIFIC CONDITIONS

MANUFACTURER

- All "Right Hand" modules must be supplied with a conspicuous label attached indicating that they are only for use in signals mounted to the right of the centre of the running line.
- 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

- 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. 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.



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PRODUCT CONFIGURATION

System or Complete Assembly

Part No.	Description	PADS No.
CLSM/3RYG/1P/LU	LED Colour Light Signal Module, 3 aspect, Red, Yellow, Green, 110V ac / 120V dc, lamp proved, left upper quadrant	086/009200
CLSM/4RYG/1P/LU	LED Colour Light Signal Module, 4 aspect, Red, Yellow, Green, 110V ac / 120V dc, lamp proved, left upper quadrant	086/009201
CLSM/4Y--/1P/LU	LED Colour Light Signal Module, 4 aspect, Yellow, 110V ac / 120V dc, lamp proved, left upper quadrant	086/009202
CLSM/3RYG/1P/RU	LED Colour Light Signal Module, 3 aspect, Red, Yellow, Green, 110V ac / 120V dc, lamp proved, right upper quadrant.	086/009203
CLSM/4RYG/1P/RU	LED Colour Light Signal Module, 4 aspect, Red, Yellow, Green, 110V ac / 120V dc, lamp proved, right upper quadrant	086/009204
CLSM/4Y--/1P/RU	LED Colour Light Signal Module, 4 aspect, Yellow, 110V ac / 120V dc, lamp proved, right upper quadrant	086/009205
CLTM/4RYG/1P/BH	LED Colour Light Ground/Tunnel Signal Module, 4 aspect, Red, Yellow, Green, 110V ac / 120V dc, lamp proved, bottom half quadrant	086/009207
CLTM/4Y--/1P/BH	LED Colour Light Ground/Tunnel Signal Module, 4 aspect, Yellow, 110V ac / 120V dc, lamp proved, bottom half quadrant	086/009208

ASSESSED DOCUMENTATION

Reference	Title	Date and Applies to Cert. issue No.	
AR TE EST0011 (Issue 1)	Amey Rail & Dorman Traffic Products Ltd Safety Case submission	June 2002	1
OPT/01397	Scientifics Ltd: "Report of Optical & Temp. testing"	July 2002	1
-	Amey Rail Trial Review 1	07/08/2002	1
-	Amey Rail Trial Review 2	06/01/2003	1
-	Amey Rail Trial Review 3	21/02/2003	1
-	Dorman Traffic Products Ltd letter	14/08/2003	2
	Report on trial commissioning : Belsize Tunnel	23/12/2004	3
Cert. of Test 14444	Dorman Traffic Products Certificate of Test in respect of Dorman colour light signals CLSM/4RYG/1P/LU	10/04/2005	4
OC 0062, Report 01, Issue 1	Report of Readability Tests on Dorman Traffic Products LED LRCLS ('Yellow Aspect with Improved Beam') Durley Moor, 09 May 2005	20/05/2005	4



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Reference	Title	Date and Applies to Cert. issue No.	
-	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	5
PA05/03663	Photo Transistor	N/A	5
PA05/03661	CLS Lens	N/A	5
PA05/03662	Yellow LED	N/A	5
PA05/03664	Power transistor	N/A	5

CERTIFICATE HISTORY

Issue Number	Date	Issue History
1	28/02/2003	First accepted for use.
2	24/09/2003	Re-issued to include right upper quadrant modules.
3	24/12/2004	Re-issued to include bottom half quadrant modules.
4	19/08/2005	Allows for 120V dc operation.
5	29/01/2010	Re-issued to include the following: <ul style="list-style-type: none">• Photo Transistor (PA05/03663)• CLS Lens (PA05/03661)• Yellow LED (PA05/03662)• Power transistor (PA05/03664)



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DISTRIBUTION

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