

Certificate of Acceptance

PA05/01873

Manufacturer:
Unipart Dorman

Issue : 11
Valid From : 20/08/2018

Housing and Associated fittings for mounting Colour Light Signal LED Modules.

Product Description

This covers a range of housings and fittings for the Dorman LED Classic signal.

Product Image

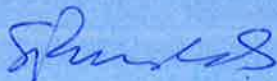


Scope of Acceptance

Full Acceptance

Accepted for use on Network Rail's infrastructure in conjunction with Colour Light Signal Modules in accordance with certificate numbers PA05/01515 and PA05/02706 and other accepted units, in permissible configurations.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use and trial use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.
Authorised by:



Steven Rennolds
Product Acceptance Specialist, Safety, Technical & Engineering



Jerry Morling BEng MSc, CEng, MIET, MIRSE
Head of Signalling

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Specific Conditions

The following Conditions are specific to the approved product/s contained within this Certificate. These conditions must be adhered to in addition to the Network Rail General Conditions contained within the "General Terms and Conditions" section. Failure to adhere to these conditions may result in the withdrawal or suspension of Acceptance of some, or all of the items contained within the accepted configuration.

Manufacturer

- 1) See generic conditions
- 2) All new signals shall be fitted with the factory fit Pivot bar retainer plate from the serial numbers listed in D7 of Document 8D-001 Dorman Classic & CLS LITE LED signal E0Clip 8D Version E.

User

- 1) D86.85277 (retrofit e-clip bar) shall be fitted in accordance with the installation instructions provided. Ref. C64.65499 Iss 0

Product Configuration

System or Complete Assembly

Part No.	Description	Catalogue No.
D86.85004	Two Aperture Housing for 4 Aspect LRCLS	086/009220
D86.85003	One Aperture Housing for 3 Aspect LRCLS	086/009221
D86.85010	One Aperture Housing for 3 Aspect LRCLS (Short)	086/009222
D86.85018	Two Aperture Housing for 4 aspect Tunnel LRCLS	086/009223
D86.85087	CLS 40mm offset mounting plate assy. for A frame	086/009001
D86.85056	CLS 40mm offset mounting plate assembly	086/009002
B20.19183	CLS Lower Backboard Extension, 25mm joggle	086/009003
D86.85057	CLS Full Upper Backboard Extension, 25mm joggle	086/009004
D86.85058	CLS (POS 3JI) Upper Backboard Extension, 25mm joggle	086/009005
D86.85059	CLS (POS 6JI) Upper Backboard Extension, 25mm joggle	086/009006
D86.85060	CLS (POS 3+6) Upper Backboard Extension, 25mm joggle	086/009007
B86.85019	75mm Long Colour Light Signal Visor.	086/009008
B20.19104	300mm Long Colour Light Signal Visor.	086/009009
B86.85014	550mm Long Colour Light Signal Visor.	086/009010
B86.85024	550mm long 3/4 round Colour Light Signal Visor.	086/009011
B20.19108	4 Aspect Backboard – tall housing	086/009012
D86.85007	3 Aspect Backboard – tall housing	086/009013
B20.19156	Short 3 Aspect Backboard	086/009014
B20.19123	Backboard Extension	086/009015
B86.85023	Lens Blanking Plate	086/009016
D86.85052	Colour Light Signal Outer Lens Replacement Kit	086/009017
D86.85178	CLS bracket & 1110mm high backboard **	086/009018
D86.85177	CLS bracket & 1040mm high backboard **	086/009019
D86.85170	CLS bracket & 616mm high backboard **	086/009020

** Denotes items that are restricted to use in the Paddington – Ladbroke Grove area only

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Hardware (Maintenance Spares and Line Replaceable Units)

Part No.	Description	Catalogue No.
D86.85225	Stainless Steel E Clip, pack of 10 #	0086/009021
D86.85218	Stainless Steel M10 external vibration proof washer, pack of 10	0086/008734
D86.85224	Stainless Steel M10 x 40 hex hd set screw, pack of 10	0086/009111
D86.85277	CLS Pivot Bar Retainer (Retrofit) – Fitting Kit QTY 10	0086/000045

Items marked # should no longer be fitted and 0086/000045 CLS Pivot Bar Retainer (Retrofit) should be fitted in its place.

Assessed Documentation

Reference	Title	Doc. Rev.	Date and Applies to Cert. issue No.	
CLSH/RGY/1P/LU	Dorman drawing, 4 Aspect Colour Light Signal.		20.03.03	1
CLSH/3RYG/1P/LU	Dorman drawing, 3 Aspect Colour Light Signal.		12.05.03	2
DOR0143	Certificate of testing		20.03.03	3
D86.85003	Dorman drawing: 3 Aspect CLS 1 Aperture Frame Assy		12.05.03	3
D86.85004	Dorman drawing: 4 Aspect CLS 2 Aperture Frame Assy		08.04.03	3
CLSH/SRYG/1P/LU	Dorman drawing, 3 Aspect Colour Light Signal (Short)		11.10.03	3
D86.85010	Dorman drawing: 3 Aspect CLS 1 Aperture Frame Assy (Short)		11.10.03	3
D86.85018	Dorman drawing: 4 Aspect 2 Aperture Tunnel Signal Assy		02.08.04	4
B20.19182	CLS 40mm offset mounting plate		17.03.05	5
D86.85056	CLS 40mm offset mounting plate assembly		17.03.05	5
B20.19183	CLS Lower Backboard Extension, 25mm joggle		18.03.05	5
B20.19184	CLS Full Upper Backboard Extension, 25mm joggle		18.03.05	5
B20.19187	CLS (POS 3JI) Upper Backboard Extension, 25mm joggle		18.03.05	5
B20.19188	CLS (POS 6JI) Upper Backboard Extension, 25mm joggle		18.03.05	5
B20.19189	CLS (POS 3+6) Upper Backboard Extension, 25mm joggle		18.03.05	5
B20.19194	CLS 40mm Offset Plate for A frame		06.07.05	5
	E-mail (Jessica Bignell) – Critical review report on Trial Installations.		28.10.05	6
D86.85178	Dorman drawing - 1110mm high backboard		05.12.07	8
D86.85177	Dorman drawing - 1040mm high backboard		05.12.07	8
D86.85170	Dorman drawing - 616mm high backboard		05.12.07	8
C64.65491	CLS Frame Pivot Bar E-Clip Replacement Using CLS Pivot Bar Retainer (B20.19513) Installation Instructions	0	10.05.18	10
8D	Dorman Classic & CLS LITE LED Signal E-Clip 8D	-	10.05.18	10
8D-001	Dorman Classic & CLS LITE LED Signal E-Clip 8D	E	18/7/18	11
D86.85277	CLS pivot bar retainer (retrofit) Kit	0	23/07/18	11

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Certificate History

Issue	Date	Issue History
1	27.03.03	First accepted for use.
2	09.05.03	Acceptance for the 1 aperture housing.
3	03.11.03	Acceptance for the 1 aperture (Short) housing
4	05.08.04	Acceptance for the 2 aperture Tunnel Signal housing
5	26.09.05	Acceptance for the use with Medium Range Modules
6	01.11.05	Acceptance of mounting plates and backboard extensions
7	09.07.07	Acceptance of visors and backboards
8	05.12.07	Addition of bracket for mounting on Collis type brackets
9	09.06.17	Addition of Part numbers to support the release of SIN 162
10	10.05.18	1) Addition of the e-clip replacement pivot bar retainer – for trial 2) Addition of user clause 1
11	27.07.18	Addition of e-clip pivot bar retainer kit and amendment of user clause 1 to update the clip and instructions.

Contact Details

Manufacturer

Unipart Dorman
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Lead Reviewing Engineer

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General Terms & Conditions

1) General

1) This certificate can only be amended by Network Rail Product Acceptance, the Professional Head or nominated delegate. Any alterations made by a other persons will invalidate the entire certificate.

2) Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.

3) Upon the review date this certificate and the product it relates to is invalid and not accepted for use. Manufacturers are to make an application for a review prior to the review date.

2) Manufacturer

The Manufacturer shall:

1) Ensure that all products supplied comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for the relevant certificate number.

2) Notify Network Rail Product Acceptance:

a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).

b. Of any intended change to the accepted product; changes include:

i. a change to the product configuration (to the actual product or its application);

ii. a variation to or addition of manufacturing locations or processes;

iii. a change in the name or ownership of the manufacturing company;

iv. any changes to the ability or intention to support with technical services, spares or repairs.

3) The Manufacturer shall provide Network Rail Product Acceptance or National Supply Chain (NSC) at least 12 (twelve) months notice of its intention to discontinue supply or to provide such notice as is reasonable if such discontinuance is outside its control and will offer the opportunity of a Last Time Buy to Network Rail together with date for last order placement and supply of the parts affected. The introduction of proposed alternative products shall be communicated to Network Rail Product Acceptance.

4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).

5) Provide further copies of training manuals and an appropriate level of training to purchasers or users of the product as necessary.

6) Where applicable, specialist technical support, repairs and servicing of the product shall be carried out by the Original Equipment Manufacturer (OEM) or authorised agent only.

7) Network Rail may request information from the manufacturer to prove product compliance with clauses 1 and 2 above and reserve the right to suspend and/or withdraw any application where information is not forthcoming within a reasonable timeframe.

8) In accordance with Network Rail's Quality Assurance Policy Statement 2011, where the specification and/or Product Acceptance Certificates specify quality assurance classifications (QA1 to QA5) for the products, the manufacturer shall comply with the specified level of quality assurance for each product and allow Network Rail access to carry out its quality assurance checks.

9) The manufacturer shall give Network Rail's representatives access at all reasonable times to its premises and allow them to inspect its quality systems and production methods and, if requested, to inspect, examine and test the products both during and after their manufacture and the materials being used in their manufacture.

3) Conditions of Use

Specifiers, installers, operators, maintainers, etc. using the product shall:

1) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Product Acceptance.

2) Check that the application of use complies with the relevant certificate's scope of acceptance.

3) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Product Acceptance.

4) Inform Network Rail Product Acceptance in writing of a change to the product configuration (or to the actual product or its application).

5) Operate, maintain and service the product in accordance with Network Rail standards and Operation and Maintenance manuals as appropriate.

6) Be appropriately trained and authorised for the installation, maintenance and use of the product.

7) Only send products for repair or reconditioning to the Original Equipment Manufacturer (OEM) or authorised agent.

8) Users are to be aware that Product Acceptance is not a substitute for design approval.

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4) Compliance

Railways and Other Guided Systems (ROGS) Regulations

1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations

2) As required in Railway Group Standard GE/RT8270, at each use of this product the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with:

- a. All rail vehicle types that have access rights over the area affected by the change
- b. Infrastructure managed by others
- c. Neighbours.

Railway Interoperability Regulations

3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI) where appropriate.

4) An authorisation from the national safety authority (i.e. the Railway Safety Directorate of the Office of Rail Regulation) is required before the equipment is to be used in revenue earning service.

5) Supply Chain Arrangements

1) Certificates of acceptance do not imply any particular quantity of supply nor any exclusivity of supply.

2) Products may be purchased by Network Rail or its agents, suppliers or contractors.

3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.