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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED OF A TYPE
OF ELECTRONIC SUB-ASSEMBLY WITH REGARD TO
REGULATION NO: 10 AS AMENDED BY THE 03 SERIES OF
AMENDMENTS

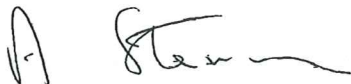
Approval No: 10R-035214 Extension: Not applicable

1. Make (trade name of manufacturer): Britax PMG Limited
2. Type and general commercial description(s): 13604 Series, 13605 Series & 13606 Series LED modules to be fitted singly into a range of beacons and multiples into a range of lightbars.
3. Means of identification of type, if marked on the component: Part number on label
- 3.1 Location of that marking: The base/body of the product
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Britax PMG Limited
Bessingby Industrial Estate
Bridlington, East Yorkshire
YO16 4SJ
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: Adhesive label on the body of the product
7. Address(es) of assembly plant(s):

Britax PMG Limited
Bessingby Industrial Estate
Bridlington, East Yorkshire
YO16 4SJ
United Kingdom



8. Additional information (where applicable): See Appendix
9. Technical service responsible for carrying out the tests: SGS UK Limited
10. Date of test report: 11 August 2009
11. Number of test report: AUT128360/GH/09.
12. Remarks (if any): See Appendix
13. Place: BRISTOL
14. Date: 20 AUGUST 2009
15. Signature:  A. W. STENNING
Head of Technical and Quality Group
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension: Not applicable

**Appendix to Type Approval Communication Certificate No: 10R-035214
concerning the type approval of an electrical/electronic sub-assembly under Regulation No: 10**

1. Additional information
 - 1.1. Electrical system rated voltage: 12/24 V negative ground
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
 - 1.2.1. Installation conditions, if any: Not applicable
 - 1.3. This ESA can be used only on the following vehicle types: Not applicable
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were (Please specify precise method used from Annex 9): 20 to 2000MHz at 30 V/m, free field.
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the test: SGS UK Limited (Durham).
2. Remarks: None

⁽¹⁾ Delete where inapplicable

REG 10.3

ANNEX 2B.

INFORMATION DOCUMENT

FOR TYPE-APPROVAL OF AN ELECTRIC/ELECTRONIC SUB-ASSEMBLY WITH RESPECT TO ELECTROMAGNETIC COMPATIBILITY

The following information, if applicable, shall be supplied in triplicate and must include a list of contents. Any drawings shall be supplied in appropriate scale and in sufficient detail on size A4 paper or in folder of A4 format. Photographs, if any, shall show sufficient detail.

If the systems, component or separate technical units have electronic controls, information concerning their performance shall be supplied.

1. Make (trade name of manufacturer): Britax PMG limited.
2. Type: 13604 Series, 13605 Series & 13606 Series LED modules to be fitted singly into a range of beacons and multiples into a range of lightbars.
3. Means of Identification of type, if marked on the component/~~separate technical unit~~:
Part number on label.
- 3.1. Location of marking: The base/body of the product.
4. Name and address of manufacturer: Britax PMG Limited, Bessingby Industrial Estate, Bridlington, East Yorkshire, YO16. 4SJ, UK.

Name and address of authorized representative, if any: N/A.
5. In case of components and separate technical units, location and method of affixing of the approval mark: Adhesive label on the body of the product.
6. Address(es) of assembly plant(s): As section 4 above.
7. This ESA shall be approved as a Component ~~/STU~~.
8. Any restrictions of use and conditions for fitting: None.
9. Electrical system rated voltage: 10-49VDC Neg Ground.

Appendix 1.

Description of the ESA chosen to represent the type (electronic block diagram and list of main components constituting the ESA (e.g. make and type of microprocessor, crystal etc.).

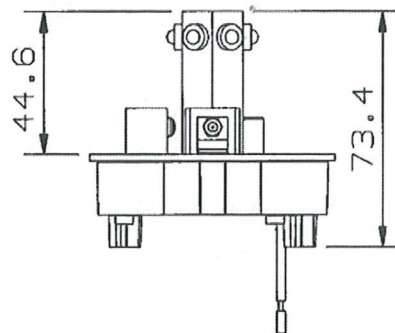
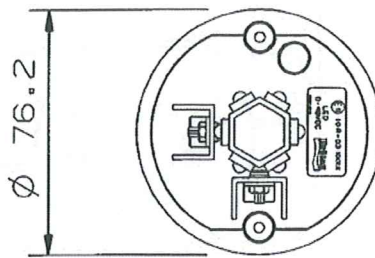
Appendix 2.

Relevant test report(s) supplied by the manufacturer from a test laboratory accredited to ISO 17025 and recognized by the Approval Authority for the purpose of drawing up the type approval certificate.



LED BEACON MODULE

13604
SERIES

[illegible]**Britax**

BRITAX PMG LTD,
BESSINGBY INDUSTRIAL ESTATE
BRIDLINGTON
EAST YORKSHIRE
YO16 4SJ

BS1293

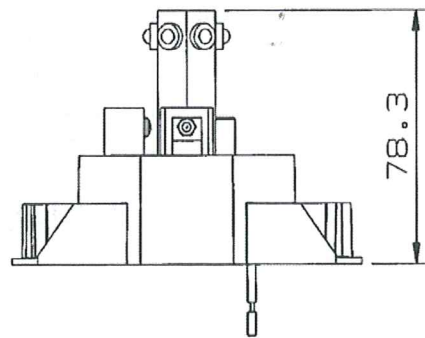
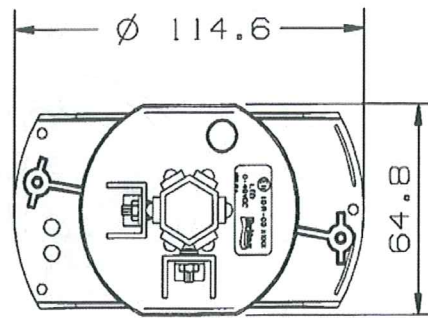
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20-Aug-09



13605
SERIES



25031	PRE	PROD	REL	1	J.W.
MOD	NO	REFERENCE	ISS	DATE	BY

Britax

BRITAX PMG LTD,
BESSINGBY INDUSTRIAL ESTATE
BRIDLINGTON
EAST YORKSHIRE
YO16 4SJ

BSI 293

Sht 2 of 4

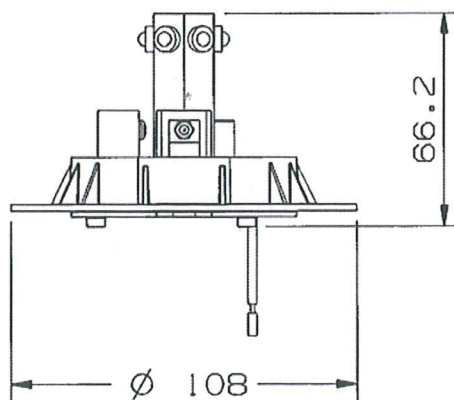
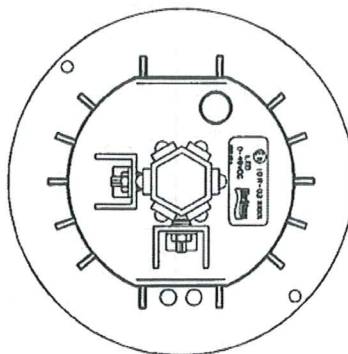


20-Aug-09



LED BEACON MODULE

13606
SERIES



26031	PRE	PROD	REL	1	16/07/09
MOD No	REFERENCE	ISS	DATE	BY	J.W.

Britax

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BESSINGBY INDUSTRIAL ESTATE
BRIDLINGTON
EAST YORKSHIRE
YO16 4SJ

BSI 293

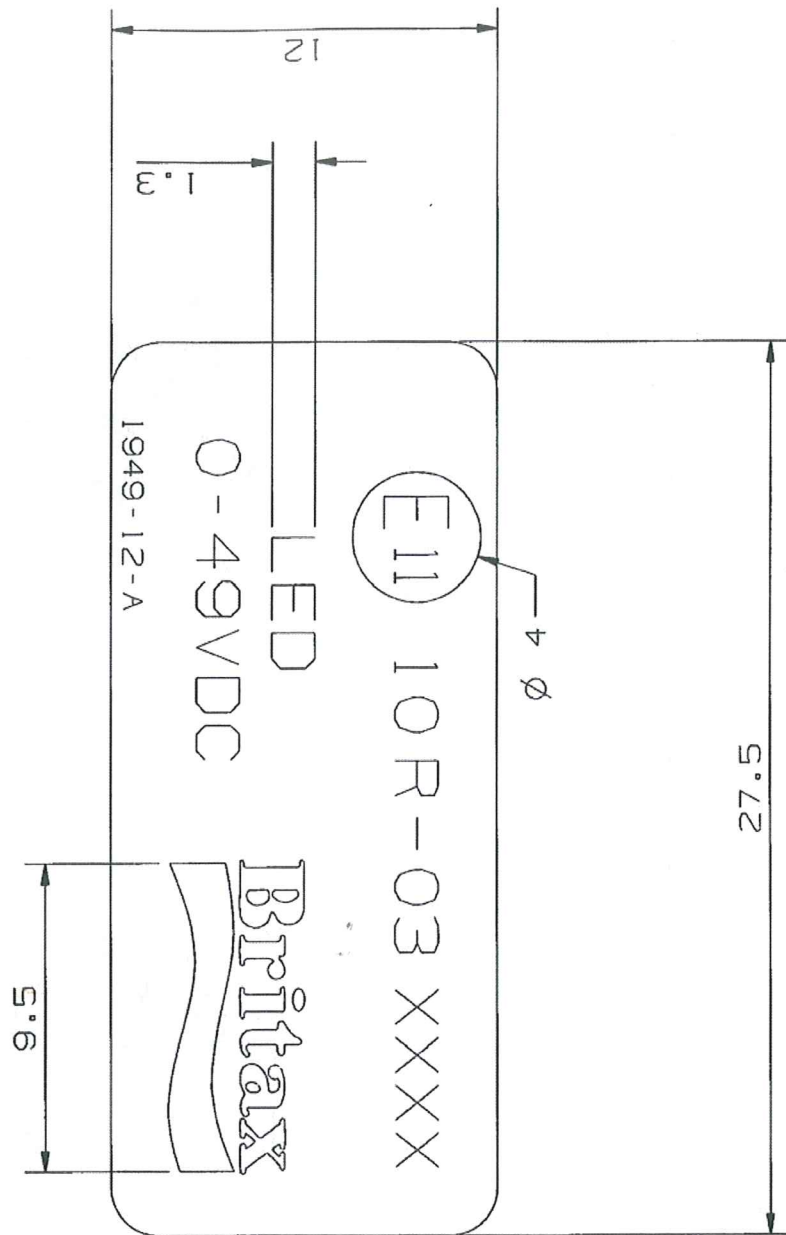
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20-Aug-09



LED BEACON MODULE



MOD No	PRE PROD REL	ISS	DATE	BY
26031	1	16/07/09	J.W.	

Britax

BRITAX PMG LTD,
BESSINGBY INDUSTRIAL ESTATE
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EAST YORKSHIRE
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BS1293
Sht 4 of 4

