



Vehicle Administration
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DECISION

Pelican Products Inc.
Bruce Tennant
23215 Early Ave.
Torrance, CA 90505 USA

Date 17.09.2008
Index no. 875/206/2008
Reference Application 30.06.2006

Subject Type-approval

Type-approval number 0012

Regulations concerned Act on Vehicles 11.12.2002/1090 and Government
Decree on Vehicle Approvals 19.12.2002/1244.
The Agreement Concerning the Adoption of Uniform
Conditions of Approval and Reciprocal Recognition of
Approval for Motor Vehicle Equipment and Parts
(Agreement 70/76; Geneva Agreement) and Revision 2 of
the Agreement.
ECE Regulation No. 10/02

Type and general description 8060 LED; Charger for hand held lamp

Trade name or names Pelican Products

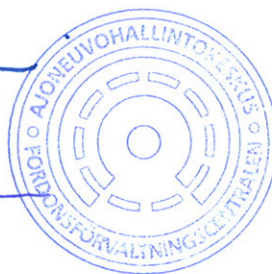
Each product meant by this decision must be equipped with markings required by the regulations on which this decision is based. The product equipped with the approval marking must correspond to the device which passed successfully the approval tests. The approval can be withdrawn if it is found that the products carrying the approval marking do not comply with the requirements of the regulations on which this decision is based.

Head of Unit


Marko Sinerkari

Senior Officer


Timo Kärkkäinen



Charge

450 €

ATTACHMENTS

Pages

Type-approval certificate
number

0012 (R10/02)

3

COMMUNICATION

E 17 10 R - 02 0012

concerning:

APPROVAL GRANTED
~~APPROVAL EXTENDED~~
~~APPROVAL REFUSED~~
~~APPROVAL WITHDRAWN~~
PRODUCTION DEFINITELY DISCONTINUED

of a type of electrical/electronic sub-assembly with regard to Regulation No. 10 as amended by the 02 series of amendments.

Approval No. **0012**

Extension No. -

- | | | |
|------|---|--|
| 1. | Make (trade name of manufacturer): | Pelican Products |
| 2. | Type and general commercial description(s): | 8060 LED; Charger for hand held lamp |
| 3. | Means of identification of type, if marked on the vehicle/component/ separate technical unit : | Type label |
| 3.1. | Location of that marking: | At the bottom side of the unit |
| 4. | Category of vehicle: | Not applicable |
| 5. | Name and address of manufacturer: | Pelican Products, Inc.
23215 Early Avenue
Torrance, CA 90505 USA |
| 6. | In the case of components and separate technical units, location and method of affixing of the ECE approval-mark: | Device's type label, a sticker attached to the bottom side of the unit |
| 7. | Address(es) of assembly plant(s): | Pelican Products, Inc.
23215 Early Avenue
Torrance, CA 90505 USA |
| 8. | Additional information (where applicable): | See Appendix |



9. Technical service responsible for carrying out the tests: SGS Fimko Ltd.
P.O. Box 30
FI-00211 Helsinki, FINLAND
10. Date of test report: 16.06.2008
11. No. of test report: 251648-1
12. Remarks (if any): See Appendix
13. Place: Helsinki
14. Date: 17.09.2008
15. Signature:


Marko Sinerkari
Head of Unit

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
- Test report no. 251648-1, 16.06.2008, 8 pages
 - Information document no. 8060, 11.04.2008, 6 pages + annexes:
 - Annex 1, Circuit diagram, 1 page
 - Annex 2, Parts list, 2 pages
 - Annex 3, Layout diagram, 8 pages

 **10 R - 02 0012**

APPENDIX

to type-approval communication form No. 0012 concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10 as amended by the 02 series of amendments.

1. Additional information

- | | | |
|--------|--|--|
| 1.1. | Electrical system rated voltage: | 12/24 V pos/neg ground |
| 1.2. | This ESA can be used on any vehicle type with the following restrictions: | 12 V power supply |
| 1.2.1. | Installation conditions, if any: | - |
| 1.3. | This ESA can only be used on the following vehicle types: | Not applicable |
| 1.3.1. | Installation conditions, if any: | - |
| 1.4. | The specific test method(s) used and the frequency ranges covered to determine immunity were: | Not applicable (See item 2.Remarks) |
| 1.5. | Approved/accredited laboratory (for the purpose of this Regulation) responsible for carrying out the test: | SGS Fimko Ltd.
P.O. Box 30
FI-00211 Helsinki, FINLAND |
| 2. | Remarks: | The functions of this ESA are not involved in the direct control of the vehicle (UNECE Regulation No. 10/02, Section 6.8.2). |

