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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPLICATION OF THE COUNCIL DIRECTIVE OF 20 JUNE 1972 ON THE APPROXIMATION OF THE LAWS OF THE MEMBER STATES RELATING TO A TYPE OF COMPONENT<sup>(1)</sup> WITH REGARD TO RADIO INTERFERENCE SUPPRESSION (72/245/EEC) AS LAST AMENDED BY 2006/28/EC

Type Approval No: e11\*72/245\*2006/28\*4607\*01

EC type-approval mark to be affixed on ESA: e11 03 4607

Reason for Extension: To cover:-

- 1) Change to manufacturer's name and address
- 2) Additional trade names
- 3) Change address of assembly plant
- 4) Correction to directive level

SECTION I

0.1 Make (trade name of manufacturer): Vision Alert Automotive Ltd, ECCO Group, ECCO Hazard, Lucas, Preco, Delta Design,

0.2 Type: VigiLED LED Beacon  
The VigiLED LED Beacon is intended as a visual warning beacon for use in road going vehicles

0.3 Means of identification of type, if marked on the component Adhesive Label

0.3.1 Location of that marking: Base of unit

0.4 Name and address of manufacturer:

Vision Alert Automotive Limited  
No 5 Victoria Industrial Park  
Victoria Road  
Seacroft  
Leeds  
LS14 2LA  
United Kingdom

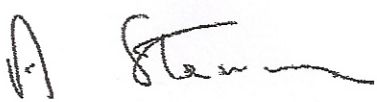
EAJ198032

An executive agency for the Department for Transport



- 0.5 Name and address of authorised representative, if any: Not applicable
- 0.7 In the case of components and separate technical units, location and method of affixing of the EC type-approval mark: Self adhesive label on base of the unit
- 0.8 Address(es) of assembly plant(s): See section 0.4

**SECTION II**

1. Additional information (where applicable): Not applicable
2. Technical service responsible for carrying out the tests: Intertek Testing Services
3. Date of test report: As before (17 March 2008)
4. Number of test report: As before (EM07024445-5)
5. Remarks (if any): See Appendix
6. Place: BRISTOL
7. Date: 24 FEBRUARY 2009
8. Signature:  A. W. STENNING  
Head of Technical and Quality Group
9. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.





**APPENDIX**

to EC Type Approval Certificate No: e11\*72/245\*2006/28\*4607\*01

concerning the type approval of an electric/electronic sub-assembly with regard to Directive 72/245/EEC as last amended by Directive 2004/104/EC

1. Additional information
  - 1.1 Electrical system rated voltage: 12 and 24dc
  - 1.2 This ESA can be used on any vehicle type with the following restrictions: None
    - 1.2.1 Installation conditions, if any: Not applicable
  - 1.3 This ESA can only be used on the following vehicle types: Not applicable
    - 1.3.1 Installation conditions, if any: 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 1X): Not applicable
  - 1.5 Laboratory accredited to ISO 17025 and recognised by the Approval Authority (for the purpose of this Directive) responsible for carrying out the test: Intertek Testing Services
5. Remarks: None
  - (1) *Delete as applicable*
  - (2) *If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document/type-approval certificate, such characters shall be represented in the documentation by the symbol '?' (e.g. ABC??123??).*





## VigiLED DR4TXDV/LED



Certified to EMC directive 2004/104/EC.

CE – complies with EMC directive 89/336/EEC.

High voltage transient and polarity reversal protection fitted.

Operating temperature:  $-30^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$  ( $-30^{\circ}\text{C}$  lower limit subject to intermittent and non-continuous use at temperatures below  $-20^{\circ}\text{C}$ ).



>80cd (amber) >80cd (red) >76cd (blue) >80cd (white)	75/min	triple flash	120mA	65mA	IP67	170gms

### Features:

Surface mount or bracket mount triple flash LED directional.

- Dual voltage 12/24V (10 – 30Vdc)
- High brightness 100,000 hour rated LEDs
- Multiple beacons may be connected together to provide synchronous or alternate flash patterns
- Clear lens with coloured LEDs
- Ultra low power consumption
- Integral electronics – no need for separate power supply or control unit
- IP67 rated
- 3 year guarantee

### Applications:

Suitable for many vehicle applications including fleet, cars, delivery, refuse trucks, large vehicles, road maintenance, recovery, utilities and road safety.

### Materials:

Polycarbonate lens and base.

Amber	Red	Blue	White
497022	497023	497024	497021