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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/SEPARATE TECHNICAL UNIT<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\*4328\*01

EC type-approval mark to be affixed on ESA: e11 03 4328

Reasons for Extension: To cover:

- 1) Extension to the trade names
- 2) Addition of LP Sync – LP4XDV/5 as a model range
- 3) Change to manufacturer's name and address
- 4) Correction to directive level
- 5) Change to address of assembly plant

### SECTION I

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

0.2 Type: Beta Star, Gamma Star, Durastrobe and LP4XDV/5

The product is comprised of flashing beacons of various base mouldings supporting a xenon Light source enclosed by a lens. It is intended to provide a visual warning beacon for use in road going vehicles. The beacons use a xenon light source with nominal flash rate of 75 flashes per minute.

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

0.3.1 Location of that marking: Label on the base of unit



0.5 Name and address of manufacturer:

Vision Alert Automotive Limited  
Victoria Industrial Park  
Victoria Road  
Seacroft  
Leeds  
LS14 2LA  
United Kingdom

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 unit

0.8 Address(es) of assembly plant(s): See section 0.5 above

## 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 and 7 August 2007

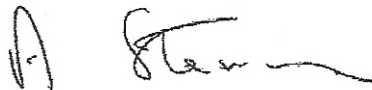
4. Number of test report: As before and EM07024445-3

5. Remarks (if any): (See Appendix)

6. Place: BRISTOL

7. Date: 24 APRIL 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\*4328\*01  
concerning the type approval of an electric/electronic sub-assembly with  
regard to Directive 72/245/EEC as last amended by Directive 2006/28/EC

1. Additional information
  - 1.1 Electrical system rated voltage: 12-24V dc
  - 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 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



## Gamma Star RC4XDV/6



### Features:

A 6W Xenon beacon with flexible single bolt base.

- Dual voltage 12/24V (10 – 32Vdc)
- Vibration protected circuit and impact resistant lens
- Flexible EVA single bolt mounting base
- Very low power consumption
- Long life
- Maintenance free
- 12 months' guarantee

### Applications:

Applications include fleet, road maintenance, agriculture, construction plant, utilities, large vehicles and refuse trucks.

Lens Colour	Single Bolt
Amber	468092

### Materials:

Polycarbonate lens, ABS base, EVA flexible mounting base.

## Durastrobe RD4XDV/5A



### Features:

A 5W Xenon beacon with flexible pole mount base.

- Dual voltage 12/24V (10 – 32Vdc)
- Vibration protected circuit and impact resistant lens
- Flexible EVA pole mounting base to DIN 14 620
- Very low power consumption
- Long life
- Maintenance free
- 12 months' guarantee

### Applications:

Applications include construction plant, contracting and agricultural vehicles.

See page 43 for accessories.

Lens Colour	Pole Mount
Amber	466002

Gamma Star	60cd (amber)	75/min	single flash	356mA	280mA	IP55	0.325kg
Durastrobe	50cd (amber)	75/min	single flash	348mA	186mA	IP65	0.325kg

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: -20° to +55°C.

