



Light and Audio  
Signalling Specialist



On-board Multiplexed  
Electronic Task  
Management Systems

MERCURA

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*Don't Save  
On Security!*

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**Energy Saving - High Brightness**



\* Photo non contractual

2008 sees MERCURA's launch of the **Gyroled®**, stemming from its research and experience in the signalling field and marking MERCURA's 30th Anniversary as leader on the market.

Having obtained the R65 Approval in the rotating and flash modes, the **Gyroled®** produces a higher brightness in comparison to strobe and halogen lighting technology, while at the same time, consuming 5 times less.

The **Gyroled®** is fully maintenance-free and its life-span exceeds that of the vehicle.

Its compact size enables easy mounting of the **Gyroled®** on vehicles and has the added advantage of reducing the vehicle's fuel consumption.

The 0db noise level provides user comfort which is second to none.

As from today, MERCURA's light-bar range is entirely fitted with the **Gyroled®**.

*(See technical details overleaf)*

**FREE QUOTATION ON REQUEST**

For further information, our sales team can be contacted on  
00 33 2.54.57.52.52

PRODUCT MADE IN FRANCE

## ELECTRIC CHARACTERISTICS

### POWER SUPPLY

- 12 to 24 VOLTS in direct current

### CONSUMPTION

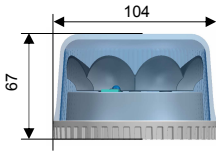
- Average Consumption at 13,5 volts : 900 mA
- Average Consumption at 27 volts : 450 mA

### ENVIRONMENTAL CONDITIONS

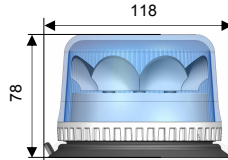
- From -40°C to +85°C

## MECHANICAL CHARACTERISTICS

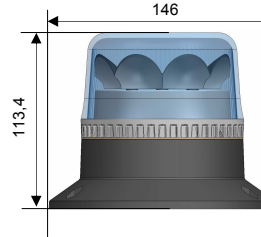
MAGNETIC BASE FIXING SYSTEM



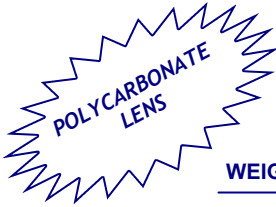
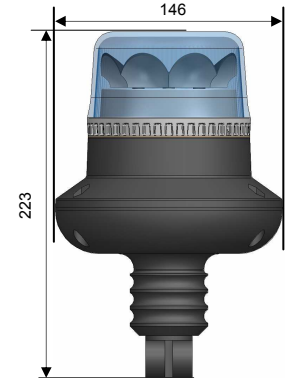
ISO BASE FIXING SYSTEM



ISO BASE FIXING SYSTEM



PIPE MOUNT FIXING SYSTEM



### WEIGHT

- Weight : 500g

### WATERPROOF PROPERTIES

- IP66 - IK08

## APPROVAL OBTAINED

### EMC APPROVAL

- DIRECTIVE 2006/28 n°e2\*72/245\*2006/28\*08036
- Complies to CISPR25 (2002) class 3

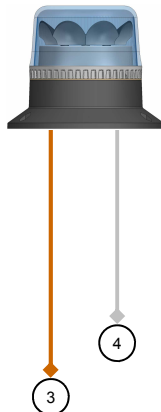
### PHOTOMETRIC CHARACTERISTICS

- Approval according to R65
- Approval in Blue : EUR **TB1 E2 00 08064** in rotating mode (rotating light) - EUR **TB1 E2 00 08088** in flash mode (flash type)  
90 candelas : minimum value guaranteed at 360° on the 0° horizontal plane  
200 candelas : maximum value on the 0° horizontal plane

### ELECTRICAL CHARACTERISTICS

- ISO 7637-2(2004) , PSA B21 7110 (2001) & Renault 36-00-808/\_\_\_E (2001) Specifications

Functioning in Stand-alone



1- YELLOW WIRE : SYNCHRONIZATION OUTPUT  
 2- GREEN WIRE : SYNCHRONIZATION INPUT  
 3- BROWN WIRE : + 12 VOLTS : LED ROTATOR  
 4- WHITE WIRE : EARTH: LED ROTATOR

Coupled and Synchronised Functioning

