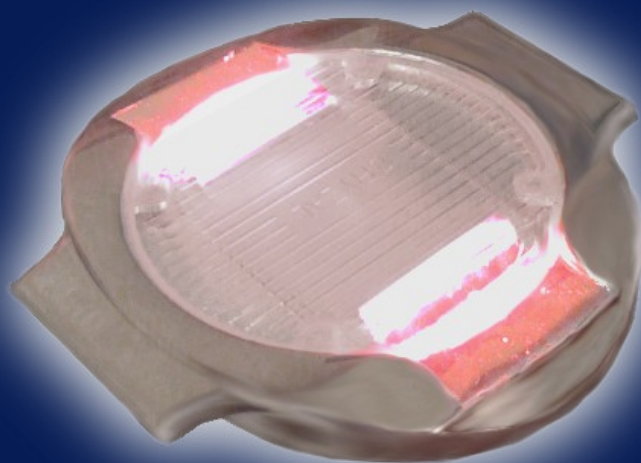


CRYZAL



MEGALUX is a luminous road marker efficient in both daytime and nighttime. It is equipped with High-Power-LEDs. Its construction allows for great resistance in heavy traffic, including heavy vehicles.

MEGALUX SV

APPLICATIONS



Dynamic roadway channeling



Tunnels and covered roadways



Sensitive pedestrian crossings



Ghostdriving prevention on motorway exits



Roadway narrowing



Dangerous curves



Toll line channeling



Bicycle lane



CHARACTERISTICS

- ◇ **Hi-power LED solution, which can be adapted depending on the ambient light :**
10% Output by night
50% Output during winter daytime and rainy conditions
100% Output by sunny summer days
100% Output on fog conditions (with an option to set up a flash mode to strengthen the signal)
- ◇ **Resist heavy traffic**
- ◇ **Tensions ranging between 8 Volts and 48 Volts**
- ◇ **Two setups available :**
Setup 1: MEGALUX with "vampire connector" and ASI-type central power cable
Setup 2: MEGALUX with pre-cabling done in the factory (only with beforehand determined number of studs, according to the project's requirements)
- ◇ **Marking of long ways possible**

ADVANTAGES

- ◇ **Excellent performance by day and night**
- ◇ **Even of the tensions ranging, the luminous output is not affected**
- ◇ **Advantages of Hi-Power LED : long lifetime and very low consumption (E.g : 9 SUPER LEDS OF 1 WATT 100 LUMEN produce the same light as a 50 WATT HALOGEN LIGHT BULB)**
- ◇ **The 2 aluminium ears guarantee a perfect stability in the ground and prevent the stud from any sinking or rotation due to intense traffic. As result, the alignment of the studs is always optimal**

TECHNICAL DATA

MECHANICAL	
MATERIAL	Body : Stainless steel with 2 stability ears Lens : Polycarbonate 14mm thick, fixed by 4 CHc M5 inox A2 screws
DIMENSIONS	Diameter : 150 mm / Height: 50mm
WEIGHT	4,5 Kg
GROUND LEVEL HEIGHT	8 mm
FIXATION	Drilling (for cable 10mm wide and 30mm deep; for stud 202mm wide and 50mm deep) and glue
OPTICAL	
OPTICAL PRINCIPLE	High Power LED coupled to a collimator for flux concentration and optical prism in the lense
OPTICAL EFFICIENCY	Programmable light output with maximum values ranging to 900 lux
LIFESPAN	LEDs > 50 000 hours
NUMBER OF LIGHT BULBS	Mono-directional: 3 LEDs / Bi-directional: 2 x 3 LEDs
COLOR OF LIGHT	White or Red (other colors on demand)
ELECTRICAL	
POWER	Mono-directional: < 4,5 W / Bi-directional: < 8,5 W
VOLTAGE	Supply tension between 8 VDC and 48 VDC
CABLE/CONNECTION	2x1,5 mm ² type ASIBUS (with vampire type connection) / 2x2,5mm ² factory assembled
QUALITY	
COMPRESSION RESISTANCE	> 40 Tons
SCHOCK RESISTANCE	> 20 Joules
WATERPROOFNESS	IP68, 3 waterproof barriers (o-joint / lip seal / silicon)
SNOWPLOWRESISTANCE	YES
GUARANTEE	2 years in normal conditions of use and installation

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