

MEGALUX V2



The MEGALUX V2 is the **premium model in the MEGALUX range**. This stud showcases Cryzal's wealth of technical know-how and experience:

- Better-designed shape to withstand road traffic
- Stud volume ensures easy installation and optimised installation costs
- Innovative design for improved resistance to light and heavy vehicle traffic, including on motorways
- Excellent optical performance thanks to High Power LEDs providing unparalleled lighting, even during the day
- Completely watertight stud and electronic module

■ APPLICATIONS



Dynamic road channelling



Pedestrian crossings



Dangerous bends



Road narrowing



Toll booth lane marking



Cycle paths



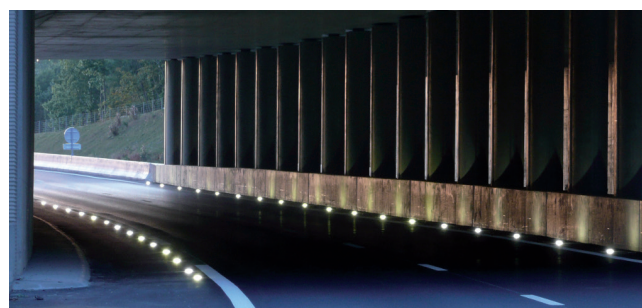
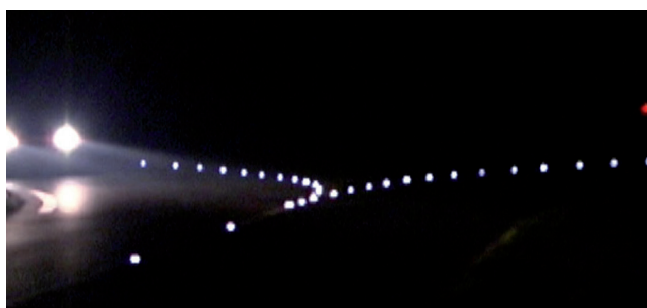
Covered roadways & tunnels



Wrong way



Roads with snow

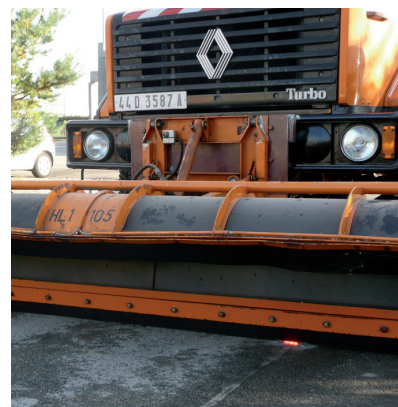


■ DETAILS

- Option of adapting the High Power LEDs' light intensity to ambient light levels
- Option of installing markings over large distances (km)
- Studs can be delivered with individual connectors (vampire connector for tape cable) or in pre-wired bunches
- Stud available in **STD version** or **SV version** (winter).
- Power supply 12V to 48V

■ ADVANTAGES

- **Excellent performance day and night**
- Even if current is lost along the line, the light flow is not affected
- High Power LED advantages: **long life and energy-saving** (e.g. Nine 1 watt 100 lumen High Power LEDs produce the same light intensity as one 50 watt halogen bulb)
- Smaller dimensions for better traffic resistance
- Resistance to heavy traffic including heavy vehicles
- Standard and SV versions resistant to snow clearing work
- **SV version resistant to snow ploughs' steel blades**
- IP68 stud (4 bars according to Cryzal's protocol) and IP68 electronic module (tested for 3 months operating underwater)



■ TECHNICAL INFO (contact us for SV version)

Mechanical

MATERIAL	Body: Aluminium / Lens: Polycarbonate
DIMENSIONS	Diameter: 150mm / Height: 55mm
WEIGHT	1.15kg
PROTRUSION ABOVE ROAD	5mm
MOUNTING	Embedding with resin in a core drilled hole 152mm in wide and 50mm deep

Optical

OPTICAL PRINCIPLE	High Power LEDs with collimator reflectors
OPTICAL EFFICIENCY	Light intensity that can be directed and adapted to client needs
COLOURS	White, red, blue and amber
PRODUCT LIFE	LEDs > 50,000 hours
NUMBER OF LEDs	Mono-directional: 3 LEDs - Bi-directional: 2x3 LEDs

Quality

COMPRESSION/IMPACT RESISTANCE	> 40 metric tons / 25 Joules
WATERPROOFNESS	IP68 (enclosed electronic module also IP68)
WARRANTY	2 years under normal conditions of installation and use

Electricity

VOLTAGE	12-48 volts
CONNECTOR/CABLE	2x1.5mm ² Asibus or similar (vampire connector) or 2x2.5mm ² assembled in the workshop
POWER	Mono-directional < 4.5 watt - Bi-directional < 8.5 watt

CRYZAL

The warranty is activated if the stud stops working under normal conditions of use. Mechanical damage is not covered. The installer is responsible for being aware of the installation recommendations and instructions, and ensuring these products are correctly installed by qualified staff.

