LUXENE

ORIENTATION LIGHTING

Light, built into the road.

Luxene turns road markings into a continuous, controllable light line.
Light is generated beside the road and carried optically into the marking.



Vaarlesedreef, Helmond · permanent demonstration location · October 2026

WHY LUXENE

Continuous guidance

An active light line reveals the course of the road, rather than relying only on reflected headlights.

Light where it matters

Orientation along the marking, without illuminating the entire surrounding environment.

Equipment beside the road

The light source and electronics stay in roadside cabinets, concentrating access and maintenance.

Control by section

Switching and brightness adjustment for individually addressable sections in configured installations.

KEY SYSTEM SPECIFICATIONS

≤400 m	16 × 25 m	12 × 18 mm	15 mm
maximum span	addressable sections	groove width × depth	transparent surface strip

Span is supplied from both ends. Layout and installation details are project-specific.

Nexus · digital control

Online switching, brightness and section control where configured. Broader adaptive capabilities are in development; availability depends on the installation.

APPLICATIONS Roads · Cycle paths · Pedestrian paths · Sites & campuses

See Luxene in person.

Request a demonstration in Helmond or discuss your project.

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Request a demo

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