

LUXENE

# Project overview

Verified Luxene pilots, demonstration locations and first tests — with photography, documented scope and key facts for each project.

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|---|---|---|
| GIFAS | Rheineck, Switzerland | October 2026 |
| Vaarlesedreef | Helmond, The Netherlands | October 2026 |
| Possehl | Oosterhout, The Netherlands | June 2026 |
| Hoeflake | Hedel, The Netherlands | April 2026 |
| Automotive Campus | Helmond, The Netherlands | March 2026 |
| Breevast | Amsterdam, The Netherlands | November 2025 |




DEMONSTRATION LOCATION · GIFAS

# GIFAS

## Guidance at the logistics entrance.

A light line at the logistical entrance of GIFAS's own facility in Rheineck, Switzerland — keeping the way from the road to goods receiving legible in darkness.

LOCATION
Rheineck, Switzerland

PROJECT TYPE
Demonstration location · GIFAS

DATE
October 2026

ENVIRONMENT
Logistics entrance at GIFAS's own facility

APPLICATION
Sites & campuses

DOCUMENTED SCOPE

— Light line at the logistical entrance of the GIFAS facility

— At GIFAS's own site in Rheineck, Switzerland

— Filmed at night, from the entrance sign to the goods-receiving area



The light line along the logistical entrance, at the GIFAS sign.



Aerial view of the facility at night, with the light line along the entrance.



DEMONSTRATION LOCATION · LUXENE

# Vaarlesedreef

## Experience Luxene in a real road environment.

Luxene's permanent demonstration location at Vaarlesedreef in Helmond, unveiled in October 2026. Visitors can see the light line near a junction and along a curve, alongside existing street lighting.

LOCATION
Helmond, The Netherlands

PROJECT TYPE
Demonstration location · Luxene

DATE
October 2026

ENVIRONMENT
Public road, near a junction and curve

APPLICATION
Roads

DOCUMENTED SCOPE

— Demonstration of the light line in a road setting at night

— Section near a junction, alongside existing street lighting

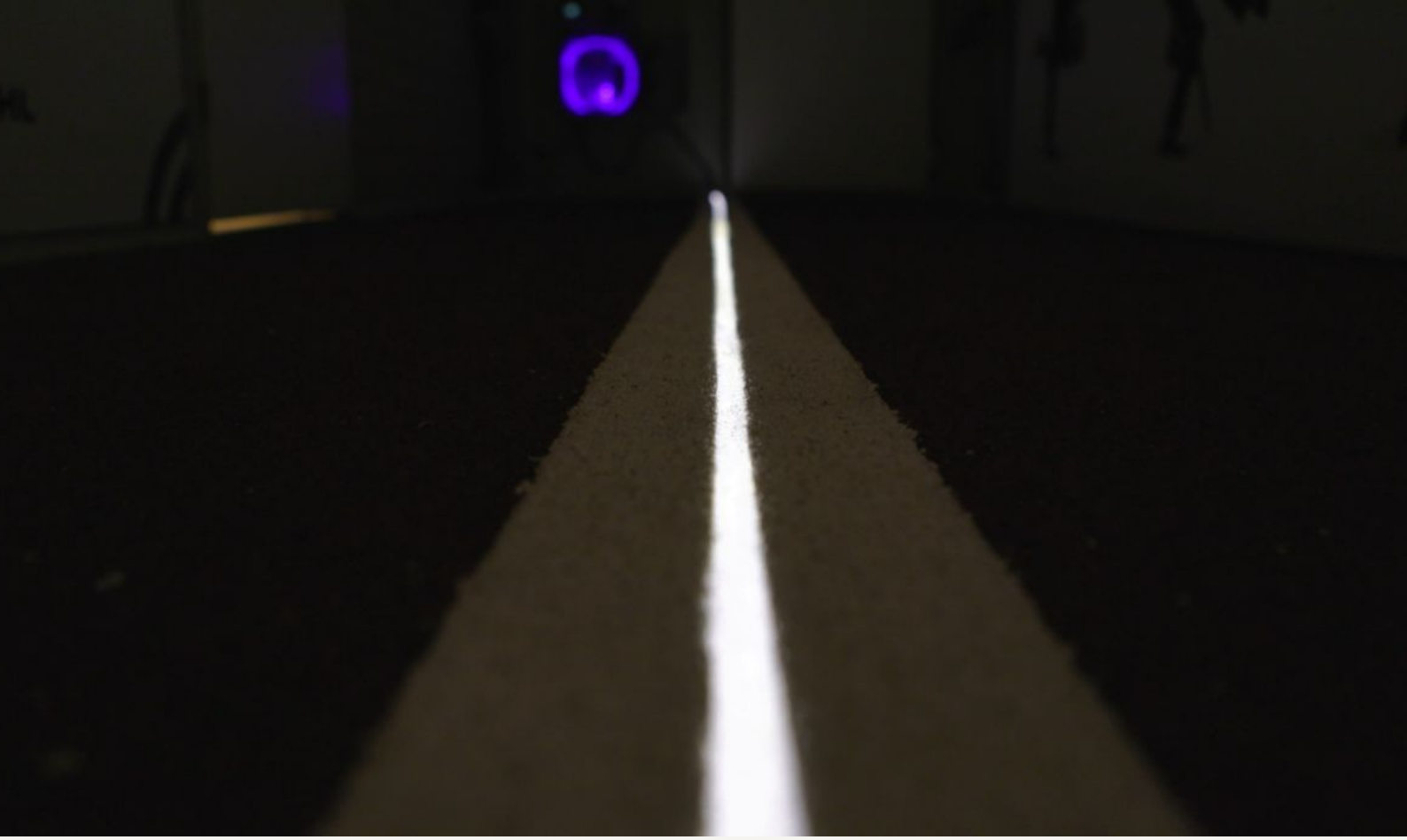
— Curve shown in different light colours



The demonstration near the junction, alongside existing street lighting.



Aerial view of the curve and the different light colours during the demonstration.



DEMONSTRATION LOCATION · POSSEHL

# Possehl

## Demonstrated on a short cycle path.

A short demonstration bicycle path inside Possehl's facility, showing the light line in combination with their material. Not an operational road.

LOCATION
Oosterhout, The Netherlands

PROJECT TYPE
Demonstration location · Possehl

DATE
June 2026

ENVIRONMENT
Short indoor demonstration cycle path

APPLICATION
Cycle paths

DOCUMENTED SCOPE

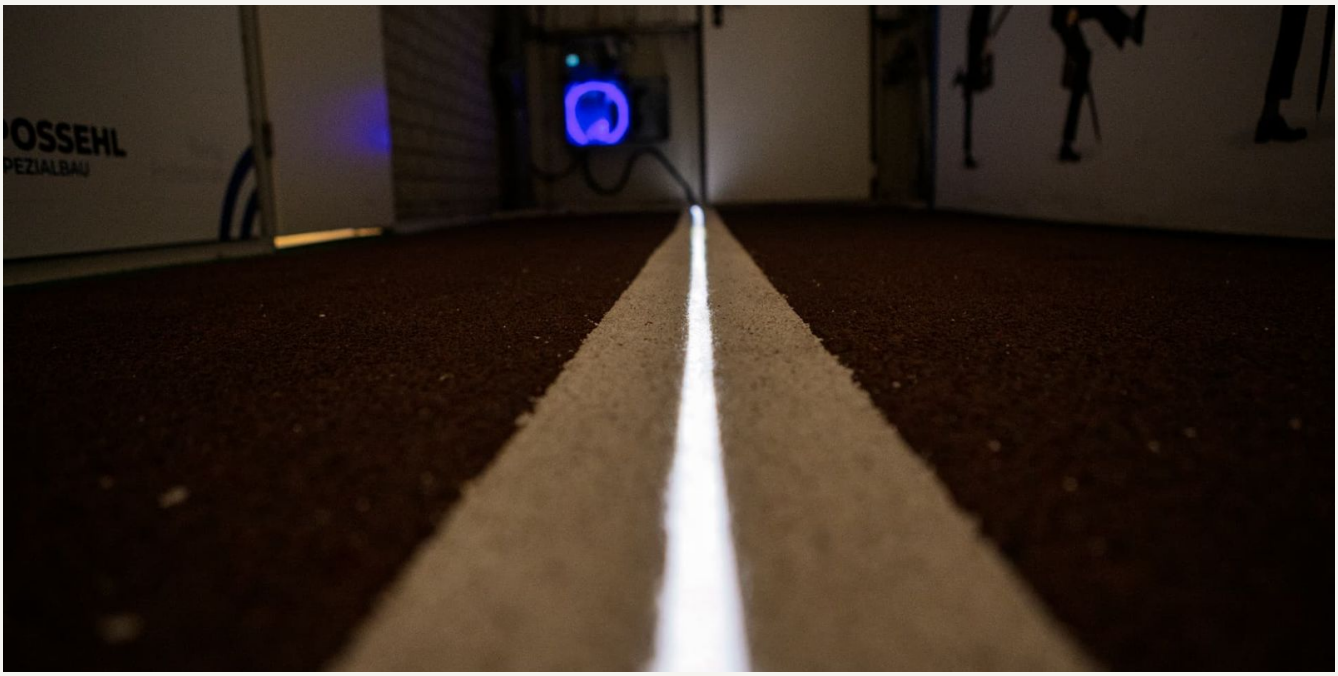
— Short bicycle path laid inside the facility

— Light line combined with Possehl's marking material

— Controlled indoor demonstration — not an operational or outdoor implementation




The demonstration bicycle path inside the facility.



Close-up of the light line within the white marking.



PILOT

# Hoeflake

## Integration, refined.

The second-generation road integration at Hoeflake in Hedel, with the light line integrated directly in the asphalt. The pilot ran at the transport entrance of Hoeflake's own site, where heavy traffic was part of the test.

LOCATION
Hedel, The Netherlands

PROJECT TYPE
Pilot

DATE
April 2026

ENVIRONMENT
Road installation in asphalt

APPLICATION
Roads

DOCUMENTED SCOPE

— Refined road-integration method

— Light line integrated directly in the asphalt

— Pilot at Hoeflake in Hedel

— Objective: to observe the integration under heavy traffic at Hoeflake's transport entrance



PILOT

# Automotive Campus

## A pilot integrated into the road.

A pilot at Automotive Campus in Helmond, with the Luxene light line integrated into the road marking.

LOCATION
Helmond, The Netherlands

PROJECT TYPE
Pilot

DATE
March 2026

ENVIRONMENT
Road marking on the campus carriageway

APPLICATION
Roads

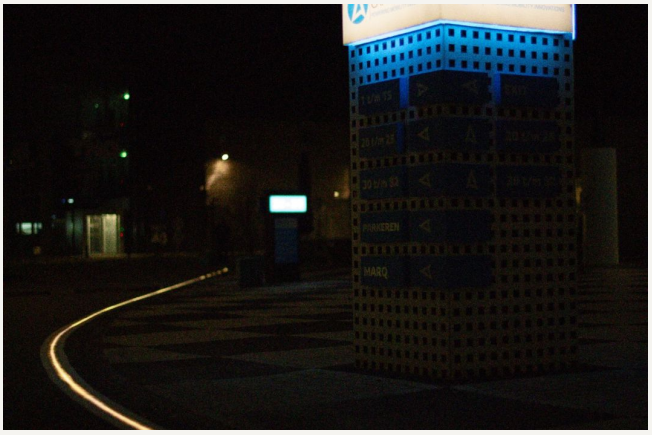
DOCUMENTED SCOPE

— Light line integrated into the road marking

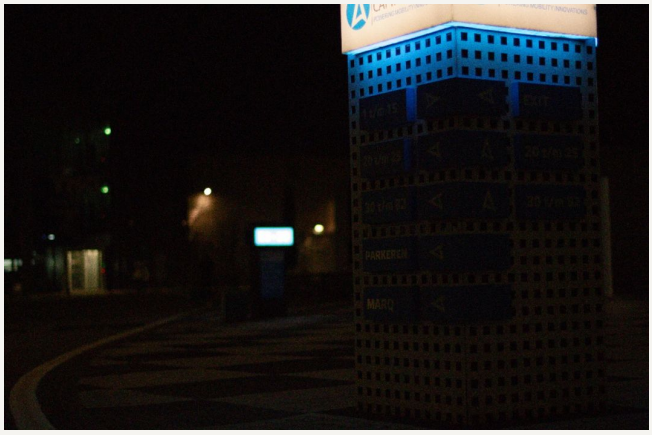
— Runs continuously along the carriageway

— Light generated in a cabinet beside the road and carried optically through the road

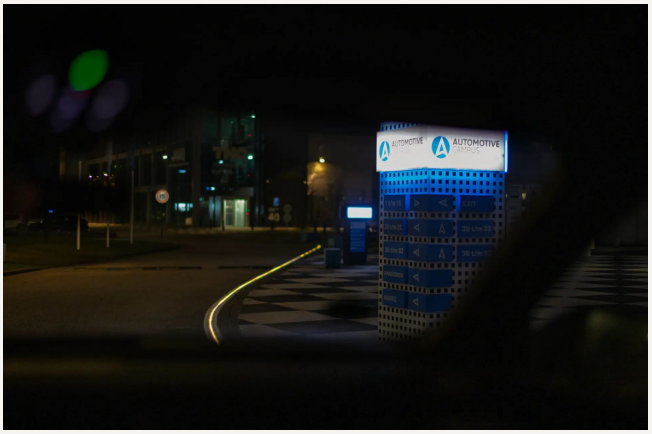
— Developed with Automotive Campus, Tpaint and Heijmans



Luxene on.



Luxene off.



The light line viewed from inside a car.



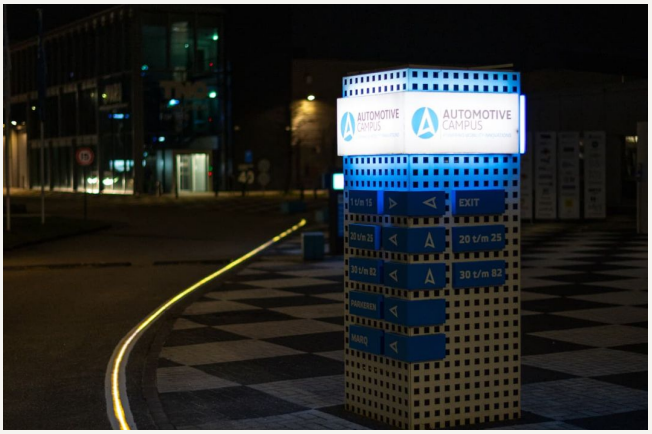
The groove with the carrier, sawn before the road marking was applied.



The road marking with the light line by day.



The light line at night, up close.




The light line at the illuminated campus entrance.



PROOF OF CONCEPT

# Breevast

## The first test, on a rooftop in Amsterdam.

Luxene's first test of the light line outside the lab: a temporary installation on the rooftop garden of the Breevast office in Amsterdam, filmed by drone at night.

LOCATION
Amsterdam, The Netherlands

PROJECT TYPE
Proof of concept

DATE
November 2025

ENVIRONMENT
Temporary rooftop garden installation

DOCUMENTED SCOPE

— Luxene's first test of the light line outside the lab

— Temporary installation on the rooftop garden of the Breevast office

— Light line following the curves of the rooftop path

— Filmed by drone at night



Aerial view of the rooftop garden, with the light line along the path.



The light line following the curve of the path.