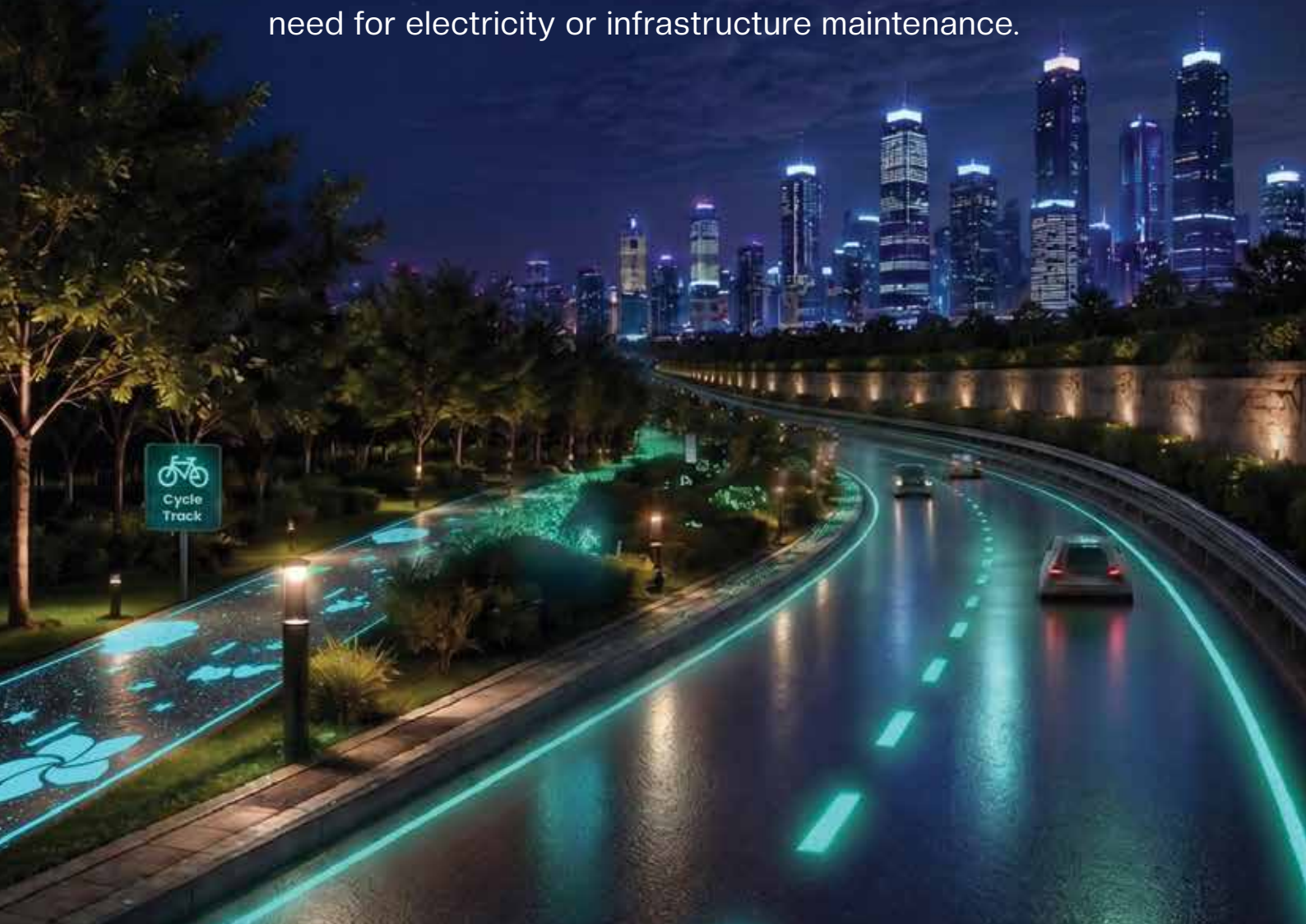


Glowing Roads without Power

Self-Luminous Tiles, Particles and Paints

Introducing revolutionary self-luminous technology for a safer, sustainable future. Enhance visibility and guidance, without the need for electricity or infrastructure maintenance.



Highway



Park & Walkways



Fire & Safety



Tunnel



Egress Tape

Product Overview



Inorganic self-luminous Tiles



Inorganic self-luminous Powder

A New Light for Infrastructure

At SUPERLITE Electronics Inc. (SEI), we are proud to introduce a new generation of Self-Luminous Infrastructure Solutions that enhance visibility and safety without consuming electricity. By harnessing Self-Luminous technology, our products absorb natural or artificial light and emit a long-lasting glow in darkness, providing reliable guidance when it is needed most.



Inorganic self-luminous Particles

Our portfolio includes self-luminous ceramic tiles, road-marking particles, paints, adhesive safety tapes, decorative pebbles and safety signages. Designed for roads, highways, smart cities, industrial facilities, public buildings, parks, transport hubs and emergency evacuation systems, these products combine functionality with sustainability.

Beyond enhancing night-time visibility, it empowers architects, planners and infrastructure developers to create public spaces that are safer, smarter and environmentally responsible.

This catalogue showcases our range of advanced products and their diverse applications. We hope it inspires engineers, architects, consultants, government authorities and industry leaders to embrace technologies that contribute to a safer and more sustainable future.

Luminescence Theory

1 ABSORB LIGHT



All visible light, including sunlight in both sunny days and rainy days.

2 STORAGE



Take 5-30 minutes the stroger the light, the shorter the storage time.

3 RELEASE LIGHT



Glowing in the dark for more than 10 hours, warm and guide 24-hour in all situations.

Product Applications

It is made of inorganic minerals and is fused at a high temperature of more than 1000oC. It is widely used in indoor and outdoor situations.



Physical Properties: Anti-aging, high hardness, wear-resistant, high and low temperature resistant, stable optical performance, graphics never fades or falls off.



Physical Properties: Anti-corrosion, non-poisonous, no radiation.



Others: Zero maintenance cost, long service life, easy installation.

Day View



Night View



Process & Making

Inorganic self-luminous particle for road marking

The new type of inorganic self-luminous marking line utilizes patented inorganic self-luminous particles and a specialized marking machine developed through patent research. The construction process is simple, with marking, shaking, and embedding flattened in one step, ensuring precision, saving materials, and guaranteeing the embedding of particles into the base material for neat lines. It relies on natural light during the day and emits light autonomously at night, truly illuminating the marking lines.

Day View



Night View



Reduces the risk of slipping and falling in wet conditions



High durability and wear resistance



Excellent performance in wet and rainy conditions



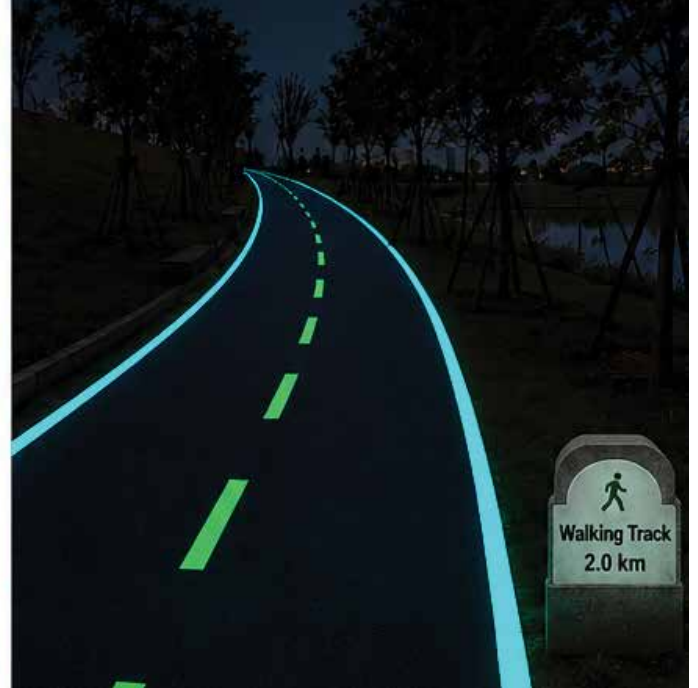
Striped or spotted design available

Applications - Roads

Day View



Night View



Applications - Landscape

Day View



Night View



Applications - Signage

Day View



Night View



Applications - Singage

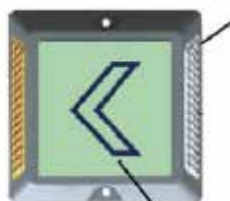
Day View



Night View



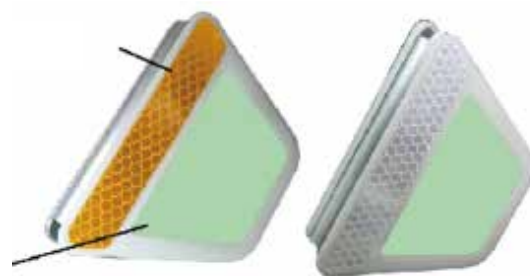
Back



Front

Reflective beads and 3M film
guide the vehicle

inorganic self-luminous materials
guide the pedestrian

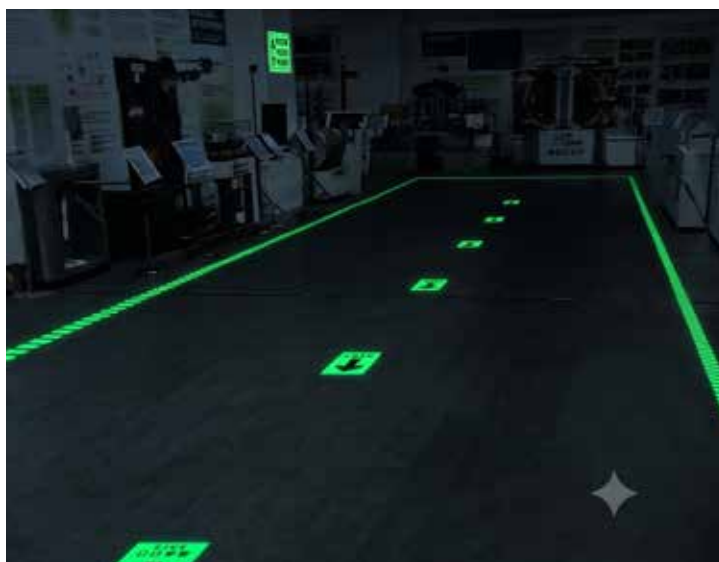


Applications - Factory

Day View

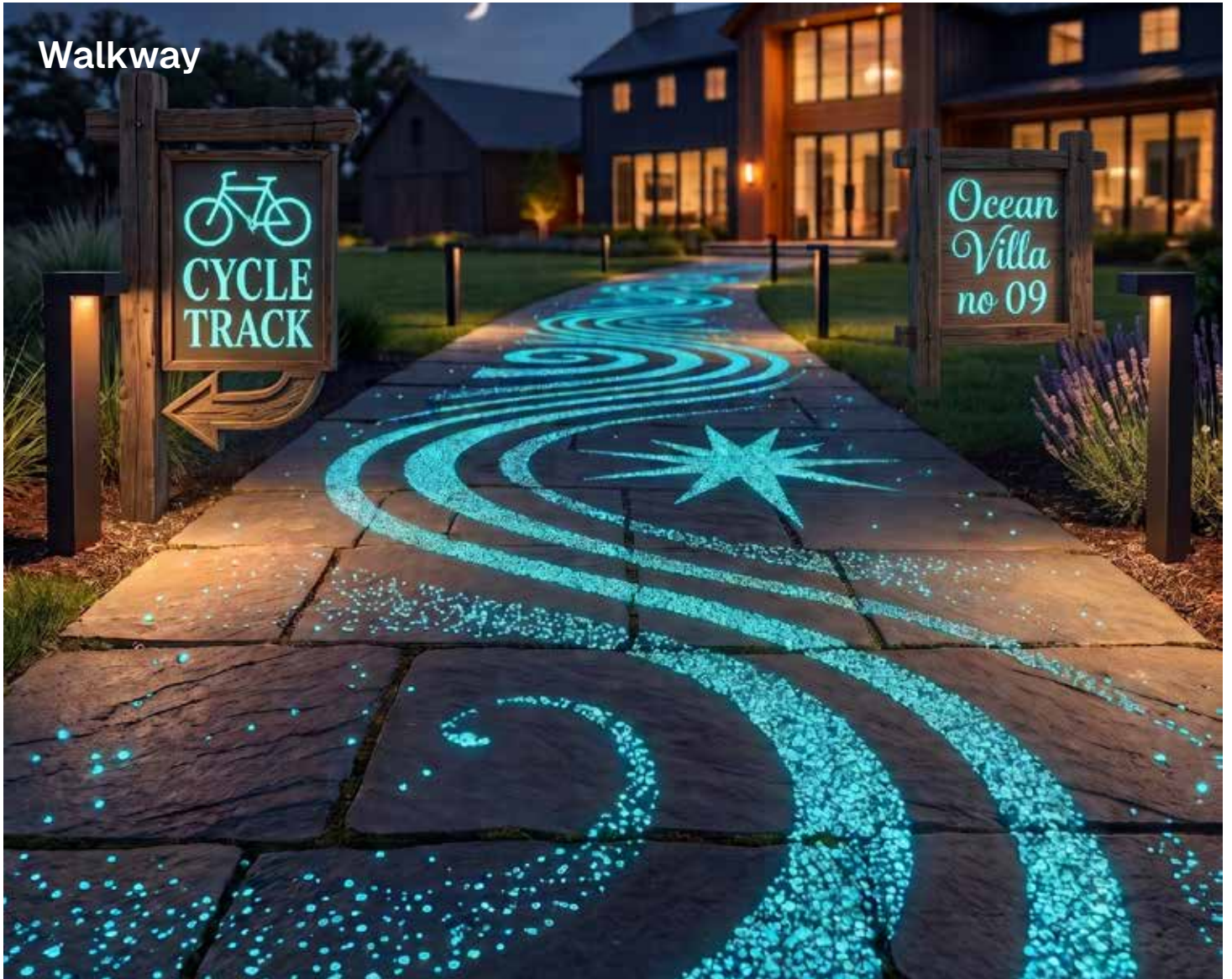


Night View



Applications - Farmhouse / Villa

Walkway



Dining Table



Flower Vase



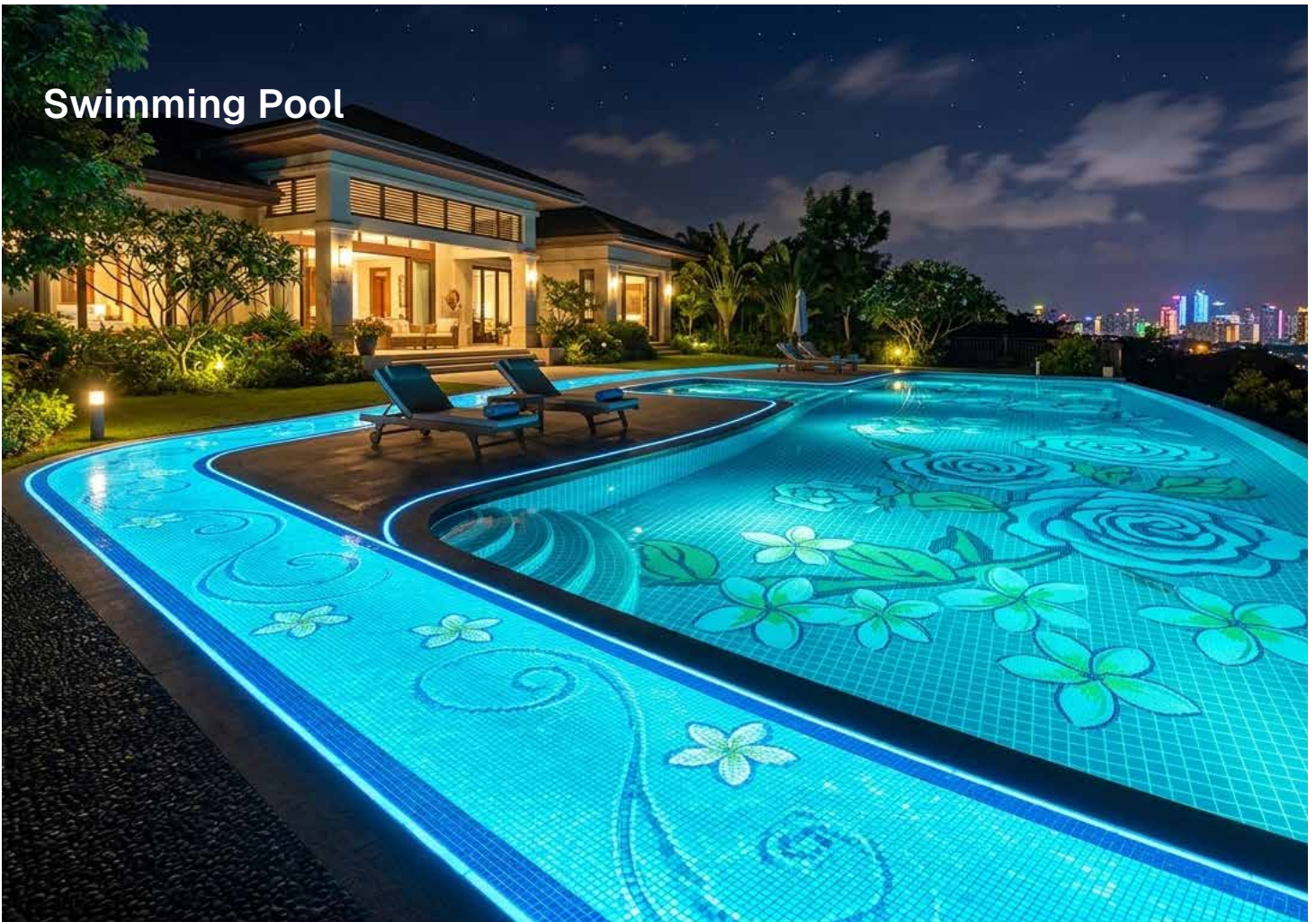
Cobbles



Pebbles



Swimming Pool



**All the above illuminations without power supply, with self glowing luminous tiles / particles.
(Except the Farmhouse).**

Applications - Signboard



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