

SAFETY PATH

SAFETY PATH PL LINEMARKING & PAVEMENT MARKING BROCHURE | V.1

Illuminated by

Smarterlite®

TECHNOLOGY



'Lights off'

'Lights on'



PHOTOLUMINESCENT **LINE MARKING & PAVEMENT MARKING**

Carbon Friendly Renewable Light

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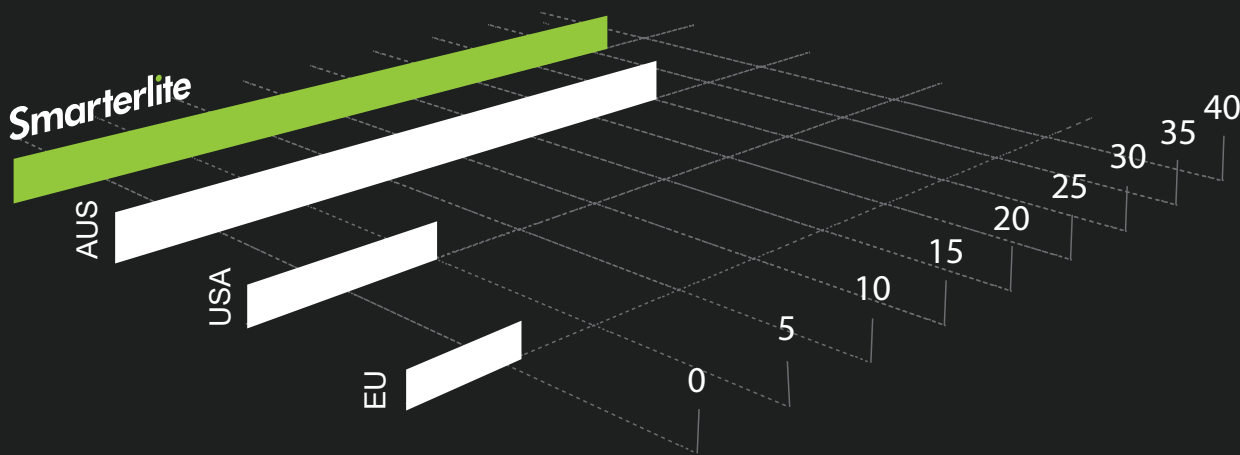
www.smarterlite.com

WHY PHOTOLUMINESCENT LINEMARKING & PAVEMENT MARKING

Safety Path's linemarking and pavement markings utilise Smarterlite technology to absorb and store daylight and electric light. When light levels fall, the Safety Path linemarking and pavement marking emits the stored light creating a line or marking with enhanced visibility compared to standard painted lines. Available in pre-form or extrusion.

Smarterlite technology exceeds highest standards globally.

Photoluminescence developed to comply with National Construction Code.



SmarterLite
36mcd/m² for 90 mins

Australia
30mcd/m² for 90 mins

USA
5mcd/m² for 90 mins

Europe
2.8mcd/m² for 60 mins



**Life saving
technology**



**Safety in the
dark, reduce
injury on site**



**Visible in night
and low-light
conditions**



**Environmentally
safe & sustainable**



**Directly replace
existing
technology**



**Fast to
Install**



**Easy to
maintain**

SMARTER ROAD SAFETY

Safety Path high visibility PL linemarking and pavement marking on roads, bicycle lanes, paths, car parks and industrial sites. Using the natural science of photoluminescence, in darkness Safety Path PL lines emit stored light to guide people to safety.

Safety Path PL lines for roads are for applications where the lines are not directly illuminated by headlights, such as small radius curves and intersections. The lines incorporated approved glass beads for retro reflectivity, as required by road agency specifications.

Typically applied to:

- Linemarking on dark winding high-risk roads & intersections
- Pavement marking (arrows, messages, etc.)
- Night crash Blackspots
- Kerbs of raised concrete islands
- Walkways
- Unlit walking paths/shared paths
- Unlit bicycle paths/lanes
- Walls
- Interactive public art
- Passive lighting
- Industrial facilities
- Shopping centres
- Multi-storey car parks
- Indoor car parks
- Outdoor car parks



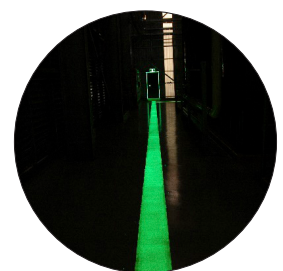
Saves lives in dark and low light sites



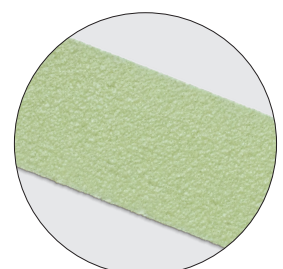
Affordable alternative to electric lighting, no electricity, no batteries



Smarterlite technology provides highest luminance standard globally



Enhances existing egress solutions



Preform PURELITE

HOW IT WORKS

Safety Path PL Linemarking absorbs and stores daylight and electric light. When light levels fall, Safety Path PL Linemarking emits that stored light creating a line or marking with enhanced visibility compared to standard painted lines. Safety Path PL Linemarking is suitable for bitumen, asphalt and concrete, indoors and outdoors. Available as WhiteLite™ and PureLite™, each with differing degrees of whiteness in daylight and the resultant brightness of the line at night.

When used on roads, bicycle lanes and in car parks, the headlights of every passing vehicle re-energises the Safety Path PL Linemarking, extending the longevity of the enhanced visibility line.

In daylight and bright moonlight, Safety Path PL linemarking looks and functions like ordinary Linemarking, but in dark conditions it emits stored light enhancing its visibility and the consequential safety benefits for road users, workers and the public.

On off-road paths, the enhanced visibility of Safety Path PL lines will assist riders with following an unlit path.

AFFORDABLE ALTERNATIVE TO ELECTRIC LIGHTING

A significant advantage of Safety Path PL Linemarking on roads is that it is more visible than ordinary Linemarking, and is significantly cheaper to install and operate than electric road lighting. There's no electricity emissions, and no roadside poles that become new roadside hazards.

It gives road agencies, road managers and Councils an option for affordability treating dark high-risk roads without the design, construction and operating costs of electric road lighting.

What types are there?

Safety Path PL linemarking is available as waterborne paint and extended preform thermoplastic.

SPECIAL SAFETY APPLICATIONS

Bicycle Lane And Bicycle Path Safety

With bicycle lights often not bright enough to light the road or path surface far ahead for the speed of the rider, using Safety Path PL linemarking for the lane or path edge line and centre line can guide

riders along unlit bicycle lanes and bicycle paths during their evening commute or fitness ride home from work.

Industrial/Commercial Buildings And Sites

When the power or lighting fail within industrial or commercial buildings and sites, workers may be trapped in a high-risk environment, or even in complete darkness within an enclosed area. When Safety Path PL Coatings are used as a guide line to mark the extent of safe walkways, or to paint walls trapped workers can still find their way to safety.

Car Parks

Indoor and outdoor car parks may be poorly lit and your employees and customers may not feel safe. By using Safety Path linemarking, pavement marking and pedestrian crossings, drivers and pedestrians can still safely find their way when they leave work after-dark or when the lighting has failed. Safety Path linemarking can be complemented by our range of Safety Path PL Warning Signs that remain visible in darkness. This reduces the risk of pedestrians being hit by vehicles, and enables drivers and pedestrians to clearly see car parking bays, car park aisles, pavement arrows, pedestrian crossings and tripping hazards.

Using Safety Path PL Linemarking is substantially cheaper to install and operate than lighting an outdoor car park, or installing backup power systems for existing lighting.

Road And Path Linemarking/ Pavement Marking

Safety Path PL for linemarking and pavement marking on roads makes vital lines and markings more visible in poor light conditions and darkness. It is suitable for sites where there is a history of night-time crashes, or a high-risk of night-time crashes, that could be reduced by improved delineation.

Safety Path PL Coatings can be applied to the kerbs of raised concrete islands, and on concrete crash barriers, as well as road surfaces. Our complimentary range of Safety Path Photoluminescent Warning Signs increases the visibility of vital warning messages. Safety Path PL linemarking is suitable for bitumen, asphalt and concrete.

For further specification details contact: