

## SMART LANE IN-PAVEMENT LIGHT

The Smart Lane In Pavement Light (SLIPL) is an Intelligent Traffic System (ITS) device suitable for the control of:

- Tidal Flow
- Contraflow
- Road and Tunnel Closures

The SLIPL improves traffic flow and redundancy options by providing the ability to dynamically alter road and ramp lane markings for peak flows, maintenance activities, and emergency situations.

Typically installed as a set of red, white, and yellow lane markings, the SLIPL can entirely replace both painted and passive reflectors on the side of the roadway and on the edge of each lane. In this way, the light strings of the SLIPL provide asset operators with seamless control of their local lane configuration.

With various colours and both uni and bi-directional options, the SLIPL is ideal for consistent and repeatable traffic responses where changing lane configurations are required. The SLIPL offers a smarter alternative to traffic cones in just about every use case.



**ON/OFF RAMP CLOSURES**



**TUNNEL CLOSURES**



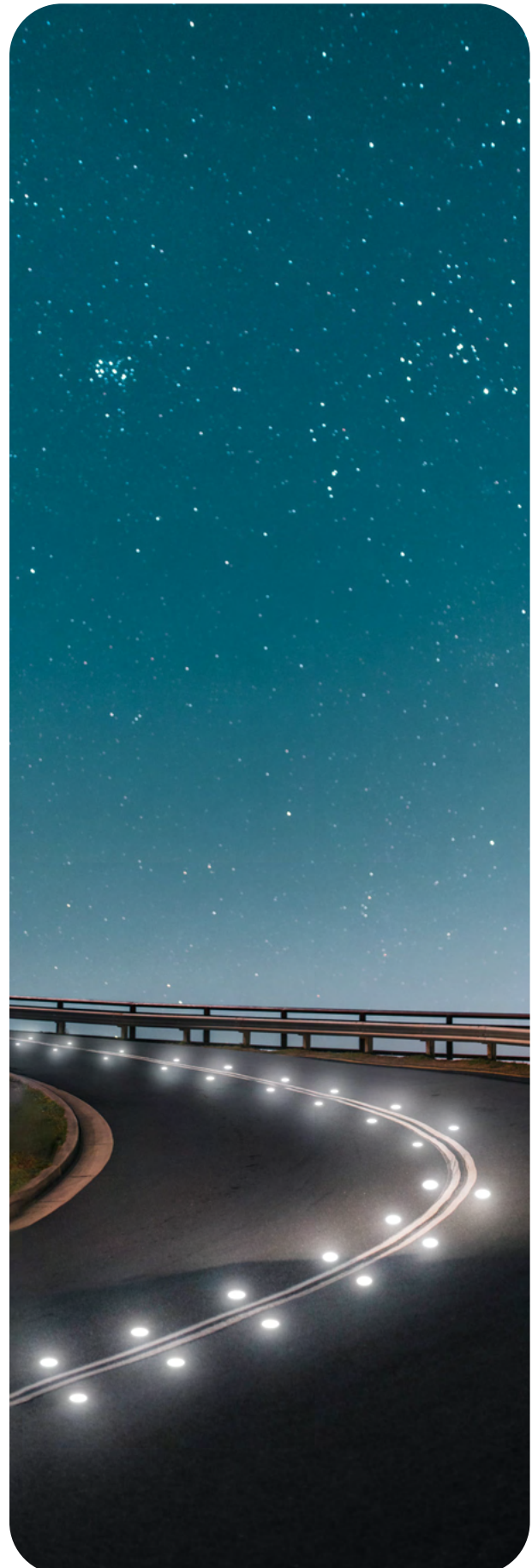
**TIDAL AND CONTRA FLOW**



**ROADWAY REDUNDANCY  
SCENARIOS**



**LOAD RATING:  
50 TONNES**



## BENEFITS/FEATURES

- Automatic Tidal Control and Contraflow, replacing onsite crews and vehicles.
- Automated Road and Tunnel Closure for rapid and reliable traffic redirection.
- 50 Tonne Load Rating for local, arterial, and interstate roadway applications.
- Smart Relay controlled for higher safety and reliability.
- Industry standard control and communication for control and monitoring from any third party or integrated control system.
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- Remote controlled for quicker and safer deployment.
- High brightness for day and night time use.
- Integrates directly into the wider Traffic Tech ecosystem of ITS Products and Solutions for Smart Tunnels and Motorways.

## ABOUT TRAFFIC TECH

Traffic Tech is a specialist provider of Intelligent Traffic Systems (ITS) products and solutions to transport industries across the globe.

Our 'Smart Tunnels and Motorways' Ecosystem provides key value for:

- Government Authorities
- Asset Owners / Operators
- Major Project Constructors / Joint Ventures / Engineering Contractors.

If you have an ITS challenge you'd like us to help you with, please reach out. We'd love to hear from you.



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## TECHNICAL OVERVIEW

Diameter:	160mm
Depth:	60mm
Roadway Protrusion:	<10 mm
Viewing Distance	> 800 metres
Horizontal Viewing Angle:	15 Degrees
Colours:	White, Red, Yellow (Amber), Green, and others on request.
Materials:	Aluminium Base with Stainless Steel
Power Supply:	24-48 VDC



# TRAFFIC TECH

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