LANE LIGHT LED ROAD MARKER

SWARCO FUTURIT, world leader in the development and production of traffic signal heads and LED-based Variable Message Signs (VMS), presents another example of its highly innovative and reliable solutions. Laneight in-pavement LED markers are the ideal crosswalk warning and dynamic delineation lane marking solution. SWARCO FUTURIT’s ultraflat road markers combine robust design and mechanical resistance with luminous excellence, flexible switch and flash mode, low energy-consumption and easy installation.

LANE LIGHT LED ROAD MARKER: LUMINOUS EXCELLENCE & ROBUST DESIGN

Featuring daytime-visible LEDs, sealed electronics, scratch-resistant lenses and stainless steel light heads, SWARCO Futurit’s Laneights are durable, maintenance free and the ideal solution for dynamic delineation, lane guidance and crosswalk warning applications. More signal impact and enhanced road safety is achieved when placing SWARCO Futurit’s Laneights as complementary warning device at black spots such as critical intersections, zebra and level-crossings, narrow curves, highway ramps, tunnels and zones with frequent fog conditions.

KEY BENEFITS

- Ultra-flat design with superior mechanical robustness
- High luminance ratio and light intensity (> 100 cd)
- Perfect daytime visibility, immune to phantom light
- BASt tests passed successfully
- Dimming function – brightness adjustable
- Cross-linked light sources for automatic light compensation in case of a single LED failure
- Error detection
- Snowploughable top made of stainless steel
- Versions with mono- and bi-directional light output available
- Special optic with wider beam for pedestrians available
- Smaller version with a diameter of 110 mm available on request

SWARCO FUTURIT is the world’s no. 1 manufacturer of high quality traffic signals

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### TECHNICAL DETAILS

**Housing**
- Upper part: stainless steel
- Lower part: aluminum, saltwater-resistant
- Prism: scratch-resistant

**Dimensions**
- Diameter: 150 mm
- Highest elevated point above road surface: 3 – 4 mm

**Power supply**
- 24 – 48 VDC

**Power consumption**
- < 4 W

**Light intensity**
- Mono-directional:
  - > 100 cd

**Luminance ratio**
- Up to 1,000,000 cd/m²

**Additional features**
- Dimming feature – continuously adjustable
- Automatic light compensation in case of partial LED failure
- Optional operation with solar power via external collector panel

**Weight**
- 1.8 kg

**Colors**
- amber (standard); white, red, green, blue and others on request

**Ingress**
- IP 66

**Pass-over test**
- 300 kg wheel load; 200,000 pass-over cycles

**Ball-drop test**
- steel-ball, 3 kg – drop from 1.35 m elevation

**Vibration test**
- vertical/horizontal acceleration of 10 g, frequency 20Hz to 100Hz, duration: 20 minutes

**Climate test**
- 8 hours cooled down to -20°C and immediate heat up to +50°C and switch on; after operation for one hour at +50°C shock-cooling with ice-water

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**YOUR LOCAL CONTACT**

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