



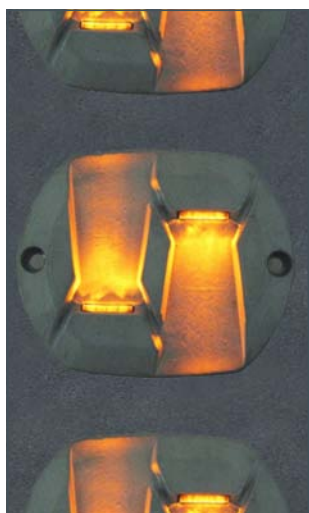
SWARCO FUTURIT's LANELIGHT LED ROAD MARKER: an important means in traffic guidance and safety

LANELIGHT 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. Lanelight 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.

LANELIGHT ROAD MARKER: LUMINOUS EXCELLENCE & ROBUST DESIGN

Featuring daytime-visible LEDs, sealed electronics, scratch-resistant lenses and stainless steel light heads, SWARCO Futurit's Lanelights 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 Lanelights 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.



SWARCO FUTURIT's LANELIGHT ROAD MARKER: Tested and approved by a variety of European standards testing organizations including Germany's BAST.

KEY BENEFITS

- Ultra-flat design with superior mechanical robustness
- High luminance ratio and light intensity (> 100cd)
- 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

TECHNICAL DETAILS: LANELIGHT LED ROAD MARKER MLK150 (Standard)



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/m ²
Additional features	Dimming feature – continuously adjustable
	Automatic light compensation in case of partial LED failure
	Optional operation with solar power via external collector panel

TECHNICAL DETAILS

Weight	1.8 kg
Colors	amber (standard); white, red, green, blue and others on request
Ingress	IP 68
BAST* tests all tests passed successfully – including:	<p>Pass-over test 300 kg wheel load; 200,000 pass-over cycles</p> <p>Ball-drop test steel-ball, 3 kg – drop from 1.35 m elevation</p> <p>Vibration test vertical/horizontal acceleration of 10 g, frequency 20Hz to 100Hz, duration: 20 minutes</p> <p>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</p>
*BAST = Bundesanstalt für Straßenwesen – Germany	

YOUR LOCAL CONTACT



SWARCO FUTURIT

SWARCO FUTURIT is the leading global player in LED-based signalling technology. The company specializes in traffic lights, variable message signs, in-road markers and railway signals that all work with the energy-saving long-life technology of light-emitting diodes (LEDs).

Customers in over 60 countries around the world rely on the outstanding SWARCO FUTURIT quality made in Austria and helping to improve traffic fluidity and road safety.

