MLK150 LED-Illuminated In-Road Markers (LaneLights™)

**CONFIGURATIONS**

- Asphalt Uni-Directional
- Asphalt Bi-Directional
- Concrete Uni-Directional
- Concrete Bi-Directional

**DIMENSIONS**

**Asphalt installation, typical dimensions**

- Dimensions: 7 in. (175 mm) diameter x 2.5 in. (66 mm) height

**Concrete installation, typical dimensions**

- Dimensions: 7 in. (175 mm) diameter x 2.5 in. (66 mm) height

**IN-ROAD PROFILES**

- **Standard, non-snow-plowable installation profile**
- **Snow-plowable installation profile**

In locations without snow plow activity, the MLK150 is installed with the top of the housing flush with the finished road surface and the LED fixture protruding above the finished road surface.

In locations with snow plow activity, the MLK150 is installed with the housing recessed below the level of the finished roadway and the top of the LED fixture flush with the finished road surface.

**SPECIFICATIONS**

- **Technology**: LED
- **Lower Housing Dimensions, including junction box**: ∅ 7 x 2.5 in. [∅ 175 x 66 mm]
- **Lower Housing Material**: Aluminum, sea water grade
- **Upper Housing Dimensions, LED module**: 5.9 in. x 4.92 in. x 1.2 in. [150 x 125 x 30.5mm]
- **Upper Housing Material**: Stainless steel (304)
- **In-Road Profiles**
  - Standard: 13/64 in. [5 mm] above road surface
  - Optional: 1/8 in. [3mm] above road surface
  - Snow Plow: 0 in. [0mm] above road surface
- **Snowplow Compatible**: Yes, with flush mount installation
- **IP Code**: IP68
- **Load Rating**: 11,000 lb. [5,000 kg] compression
- **Operating Temperature**: -13°F to +167°F [-25°C to +75°C]
- **LED Face**: Uni-directional or bi-directional options
- **LEDs Per Unit**: 16 (8 LEDs per lens)
- **Beam Trajectory**: V: +/- 4 degrees; H: +/- 15 degrees
- **LED Colour**: Yellow, red, green, blue, white or bi-colour
- **Light Intensity**: Over 3,500,000 cd/m²
- **Daytime Visibility**: 3000 ft. [914m]
- **Dimmable by PWM at night**: Dimmable by PWM at night
- **Operating Voltage**: 12-48 VDC or 9-36 VAC
- **Power Consumption**: 2.5W (nominal)
- **Wiring**: 3-wire VDC; 2-wire VAC
- **Controller**: LaneLight Mk4, Mk5, or Mk6 system controller
- **Lens**: Borosilicate glass
- **MUTCD Compliance**: YES
- **Warranty**: 5 year limited warranty for defects in manufacturing, factory assembly and materials only; excludes batteries and damage caused by vehicles or vandalism

**CONTACT INFORMATION**

To order, or for more information, contact ITEM/LaneLight:

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