

GO GREEN

ULTRA LIGHT
ULTRA SLIM
HIGHLY ENERGY
EFFICIENT



Technology	SMD-LED
LED colour	amber / white
Viewing angle	120°
Resolution	height: up to 32 lines width: up to 240 columns (Exact resolutions available on request)
Operating voltage	12 VDC or 24 VDC (9 - 36 VDC)
Brightness	max. 3500 cd/m ² (amber), max. 7000 cd/m ² (white)
Operating temperature	- 40 °C to +70 °C
Lifetime	approx. 100 000 hours (depending on temperature and current)
Interfaces	direct: RS485, optional Ethernet via control unit: IBIS, Ethernet, RS232
Editing software	MIE (MobilInfoEdit)
Data and firmware update	manually via control unit from USB flash memory automatically via IP/Ethernet interface (wireless and FTP service optionally available)
Standards and directives	EMC ECE-R10, Rev. 04 (EMC-Bus) Type approval number: (E5) 10R-04190 Flammability Directive 95/28/EC Regulation ECE-R118

MobiLED ULTIMA

OUR NEW GENERATION OF LED DESTINATION SIGNS
WITH GREEN FOCUS TO HELP YOU
DRIVE INTO THE FUTURE



Subject to technical changes that serve the interests of progress. Mobictec AB, Doc. No. 03110-R3-EN-2014

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LOW POWER CONSUMPTION

- Minimum 20% reduction in power consumption for each sign type. This means lower fuel consumption and therefore lower operating costs.
- The new design includes intelligent power management using different energy modes, including standby with very low power consumption (0.2mW).

ULTRA LIGHT

- Up to 50% weight reduction compared to existing sign generation.
- Weight reduction leads to lower fuel consumption and therefore lower operating costs.

ULTRA SLIM

- More than 40% slimmer than existing signs.
- Wide ranging flexibility when positioning and installing the sign inside the vehicle thanks to the highly compact design.
- Ideal for open mounting or free hanging installation inside the vehicle.

GREEN FOCUS

- We act green: smaller carbon footprint thanks to use of material with low power consumption in production.
- You drive green: low weight and power consumption will help operators reduce fuel consumption, CO₂ emissions and operating costs.
- Reduced environmental impact throughout production and product use.

LOW LIFE CYCLE COST

- Due to extremely low weight and low power consumption.
- Positive effect on fuel consumption of the vehicle.
- Optimised service life.
- Life cycle cost reduction over vehicle lifetime.

EXCEPTIONAL OPTICS

- Available in monochrome amber and white.
- Possible to mix different colour panels in one sign (single or multi panels) with no hardware modification.

SHAPELY, OPTIMISED HOUSING DESIGN

- Attractive housing, optionally available with rounded end pieces left and right.
- Ideal for open mounting or free hanging installations inside the vehicle.
- Simplified handling during installation and service thanks to integrated connector for cable harness.
- Common form fit for all sign configurations.

SIMPLIFIED SERVICEABILITY & INSTALLATION

- Easy installation and configuration thanks to automatic sign identification.
- Internal fault indicators for ease of trouble shooting.
- Single technician, single hand maintenance approach.
- Lower inventory thanks to a reduction in components.
- Easy handling and smaller storage volume thanks to SMD panels and integrated power supplies.
- 12 and 24 VDC system with same hardware.

ENVIRONMENTALLY ROBUST

- Operating temperature -40 to +70° C (95% non condensing humidity).
- Meets all applicable EN standards.
- Tested to our own proprietary Bronx Vibe test.
- Tested to our own proprietary sulphur contamination protection test.

STATE-OF-THE-ART ELECTRICAL DESIGN

- All SMD technology. Use of efficient LEDs offering higher light output with less current.
- Operation range of 9 to 36 VDC to enable use of same sign for 12 VDC and 24 VDC systems.
- Integrated power supply system.
- Automotive type diagnostics system with trouble codes and parameters to monitor and report back unit status, failures and unspecified operating conditions (e.g. overvoltage).
- LED error detection (optional): failures on individual LEDs can be detected.
- Optimised internal cabling.

COMPREHENSIVE INTERFACES

- Fully backwards compatible with previous sign generations.
- Fully integrated with our infotainment system.