

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



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



□ 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.