



## Technical data - FUTURA -

<b>Technology</b>	SMD-LED
<b>LED Colour</b>	amber / white
<b>Viewing Angle</b>	120°
<b>Resolutions</b>	<b>height:</b> up to 26 lines <b>width:</b> up to 216 columns (other resolutions available on request)
<b>Operating voltage</b>	12 V-DC or 24 V-DC (9 - 36 V-DC)
<b>Brightness</b>	max. 3500 cd/m <sup>2</sup> (amber) / max. 7000 cd/m <sup>2</sup> (white)
<b>Operating temperature / Storage temperature</b>	- 40 °C to +70 °C / - 40 °C to +100 °C
<b>Lifetime</b>	approx. 100 000 hours (depending on temperature and current)
<b>Interfaces</b>	<b>direct:</b> LAWO-MONO (24 V-DC only), RS485, optional IP/Ethernet <b>via control unit:</b> VDV 300 (IBIS), IP/Ethernet, RS232
<b>Editing software</b>	TED®plus
<b>Update of operating data via control unit</b>	<b>manually</b> by PC-Card, USB-Stick <b>automatically</b> via IP/Ethernet-Interface (wireless and FTP service optionally available)
<b>Standards and directives</b>	<b>EMC</b> ECE-R10 (EMC-Bus)  <b>Flammability</b> Regulation ECE-R118

**Ultra light: up to 50% weight reduction compared to existing signs.**

**Ultra slim: flexible installation options thanks to the extremely flat housing with rounded end pieces (optional). Very little space required.**

**Energy efficient: greatly reduced power consumption thanks to highly efficient LEDs.**

**Low life cycle cost (LCC) and green focus: reduced fuel consumption and reduced operating costs thanks to lower weight and power consumption.**

**Perfect readability even in difficult conditions thanks to bright LEDs and a large viewing angle.**

**State-of-the-art electrical design: SMD-LEDs with optional diagnostics system.**