



Technical data SICMA-Flex / MINI-Flex

Technology	LED / SMD-LED
Color	amber / yellow
Angle of reflection	SICMA-Flex: horizontal 130° / vertical 60° MINI-Flex: horizontal 120° / vertical 120°
Resolution	SICMA-Flex: high: 8, 16 wide: 84, 112 MINI-Flex: high: 8, 16 wide: 96, 128 (Font size 48mm, 80 mm)
Operating voltage	SICMA-Flex: 24 V-DC (16,8 - 32 V) max. 2 A MINI-Flex: 12 or 24 V DC (9 V-32 V) max. 1 A
Power consumption	SICMA-Flex: max. 2 A MINI-Flex: max. 1 - 2 A (depending on resolution and brightness)
Operating/storage temperature	SICMA-Flex: - 40 °C to +80 °C / - 40 °C to +100 °C MINI-Flex: - 40 °C to +100 °C / - 40 °C to +100 °C
Service life	approx. 100 000 hours (depending on temperature and amperage)
Interfaces	- superordinate data bus: VDV300 (IBIS), Ethernet, RS232, (optional CAN) - subordinate data bus: LAWO-MONO, RS485/422
Software	TED [®] plus (MS-operating systems WIN95 - WIN XP, WIN Vista)
Loading of operating data	- manually with PC-Card (PCMCIA - SRAM or Flash) - automatically via Ethernet-Interface (WLAN, FTP service)* <small>*optional</small>
Standards and directives	VDV 300 (IBIS)
	Bus: EMC Directive 2006/28/EG
	Type approval number: e1 e1*72/245*2006/28*4651*01 034651
	Regulation ECE-R10 Approval number: E1 10 R - 024651
	Burning Behavior Directive 95/28/EG
	Train: EN 50155
	EMC EN 50121-3.2
	Fire DIN 5510

