

LUMINO®

Elektronische  
Informationssysteme

DATES & FACTS

Passenger Information Display

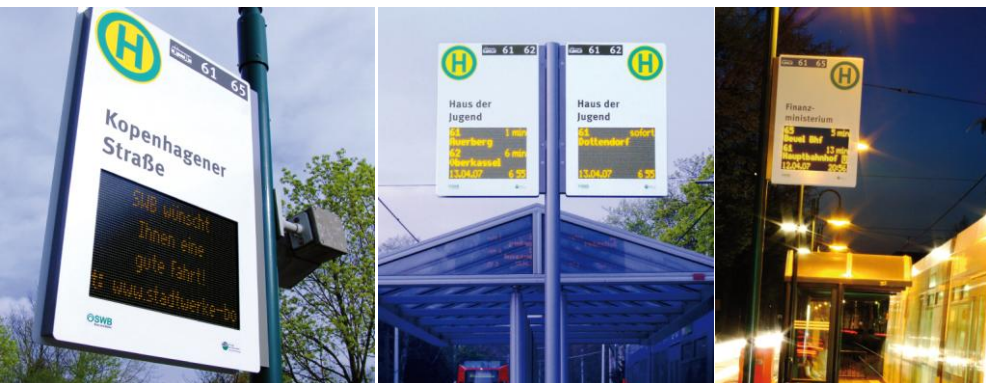
# FLED 56A-H



## DATES &amp; FACTS

# Passenger Information Display

## FLED 56A-H



The FLED impresses with its extreme flat architecture. It is built in upright format.

The Measures of the character set and the housing, which offers flexible montage opportunities, was optimized for the use at smaller road side stops.

### OPTIONS

Digital clock  
Announcement  
Controller  
Radio installation

### HOUSING

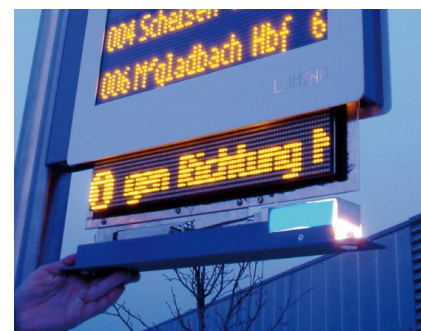
Construction	aluminium, upright format, slide-in module with display and controller
Surface	housing powder-coated in RAL (option stainless steel) vinyl wrap
Screen	Security glass 4 mm with ceramic layer for optimal antireflection. Protection referring to DIN 18032/3
Architecture	slide in module with controller and LED modules from downside
Fastening	Torx / square socket or special fastening on demand
Protection class	Splash water protected IP 54, no ventilation slots
Montage	Pylon with side montage
Maintenance	no preventive maintenance required, one-man handling
Protection class	housing protection class II

### DISPLAY

Emitting colour	yellow / amber
Viewing angle	>140°
Architecture	double-sided
LED pitch	5,6 x 4,2 mm
LED diameter	approx. 2,2 mm
Character height	40/50 mm (40 mm capital letters, 50 mm total by using 7/9 character set)
Readability	20 m guaranteed (referring to DIN 1450)
Operating temperature	-20° C up to +45° C
Brightness control	automatically, adjustable
Power supply	230 V / 50 Hz

### Interfaces

Physical interface	RS 422/485, option local radio
Data protocol	MFI data procedure (with 32-bit CRS security), LDP1, VDV-DS21



### LIEFERBARE STANDARDFORMATE\*\*

Zeilen	Zeichen pro Zeile*	
	16/20	23/27
2	24 x 96	24 x 128
3	32 x 96	32 x 128
4	40 x 96	40 x 128
5	48 x 96	48 x 128
6	64 x 96	64 x 128

\*Angaben bei Proportionalchrift 79/79c  
\*\*Sonderformate auf Anfrage

Technische Änderungen vorbehalten  
Sonderausstattungsmerkmale auf Anfrage  
Stand: April 2008