

LED SYMBOLS

SMD-Layout „ERZ“

Flexible

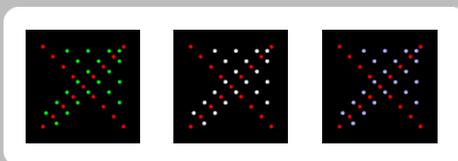
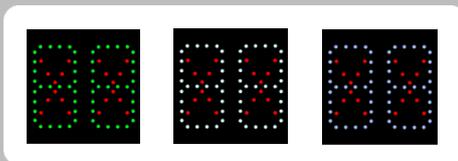
- 120° emitting angle made possible by latest SMD LED Technology, therefore optimum viewing angle
- Signposts are possible even with very low parking garage heights
- Easy integration into third-party systems, even in the animated mode
- Direction displays rotatable by 90° , resp. 45°

Favorable

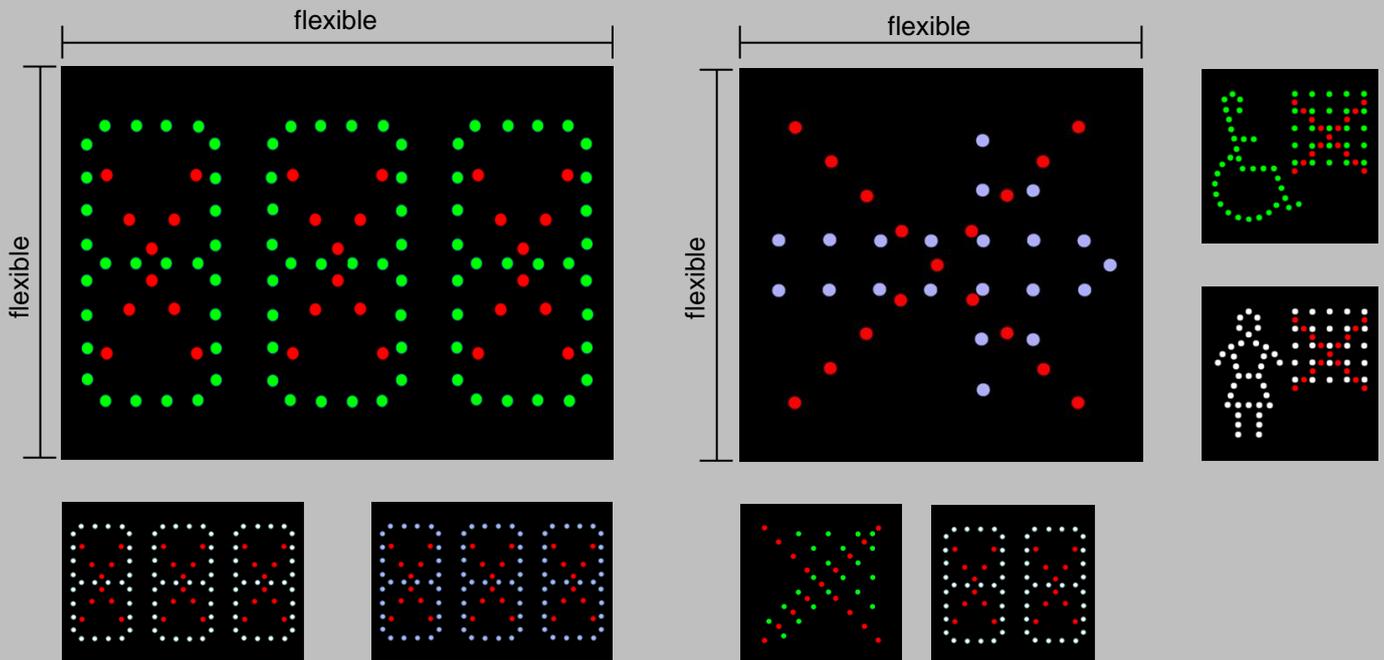
- Due to the modern electronic design, a very low power consumption has been achieved
- Black SMD-equipped Printed Circuit Boards make expensive attachment board constructions and laborious backlight dispersal covers unnecessary
- The woman and wheelchair symbols contain a 19-count matrix. Therefore, the direction and number of unoccupied spaces can be displayed without an additional counting display Printed Circuit Board.

Save time

- Easy choice of the mounting position, because of optimum viewing angle



„ERZ“ TECHNICAL DATA



Properties

- Innovative SMD LED light symbols
- The SMD LED Technology allows for an emitting angle of 120°
- Attachment board constructions and backlight dispersal cover are no longer necessary, because of lacquered Printed Circuit Board layout and the SMD equipment
- Unproblematic mounting in parking garages with low construction height
- Weight depends on size and equipment
- Long-life Printed Circuit Board layout with carefully selected components
- Connector system for fast installation/access
- Maintenance-free

Options

- Special LED colors available at extra charge
- Can be produced in different sizes and with new symbols

Symbol „Wheelchair & Woman“

- The customer decides, whether only the direction (rotatable by 45°), or only the number or both in turns to be displayed
- The integrated counting display counts to max. 19; an extension is possible, of course, by adding an additional counting display

Technical Data LED Symbols

All values for nominal voltage of 24VDC

Brightness per 1 LED!

Counting digits for nominal value are calculated with 5 segments per digit.

Main symbol (Green Arrow, Counter, Wheelchair/Woman, + Counting Digits)

| Typ | Quantity of LED main symbol | Electric Power consumption(EPC) maximum (mA) | EPC nominal value for garages (10% setting brightness) | Brightness maximum (mcd) |
|------------------------|-----------------------------|--|--|--------------------------|
| Arrow Cross | 21 | 114 | 28 | 1800 |
| Wheelchair | 26 + 25 (ZA) | 155 | 38 | 560 |
| Woman | 26 + 25 (ZA) | 155 | 38 | 800 |
| Counting Digits 2-fold | 56 | 250 | 38 | 1800 |
| Counting Digits 3-fold | 84 | 370 | 50 | 1800 |
| FREI/BESETZT* | 51 | 235 | 43 | 1800 |

Secondary symbol (Red Cross)

| Quantity of LED red cross | Electric Power Consumption (EPC) maximum (mA) | EPC nominal value for garages (10% setting brightness) | Brightness maximum (mcd) |
|---------------------------|---|--|--------------------------|
| 17 | 95 | 26 | 1400 |
| 8 | 141 | 37 | 1400 |
| 8 | 141 | 37 | 1400 |
| 20 | 125 | 25 | 1400 |
| 30 | 172 | 37 | 1400 |
| 100 | 470 | 76 | 1400 |

* FREI/BESETZT values are measured in german language!

To determine the exact power consumption in a different language, a language specific power consumption measuring is required.