

# LED SYMBOLS

SMD-Layout „FRI“

## Flexible

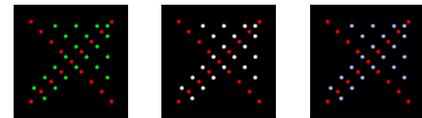
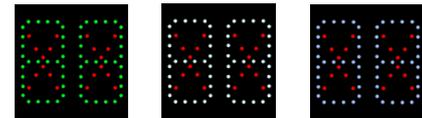
- Emitting angle of 120° by the latest SMD-LED-technology, therefore, optimal viewing angle
- Signposts are possible even in garages with extremely low heights
- Easy to integrate in external systems, even in the animated mode
- Direction displays rotatable by 90°, resp. 45°

## Favorable

- Due to the modern electronic layout, an extremely low power consumption has been achieved
- Black, SMD equipped Printed Circuit Boards save expensive attachment board constructions and eliminate complex backlight-dispersal covers
- 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 PCB

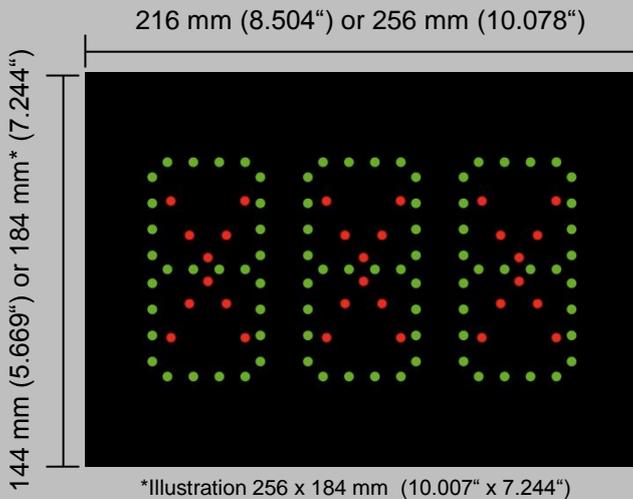
## Save time

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

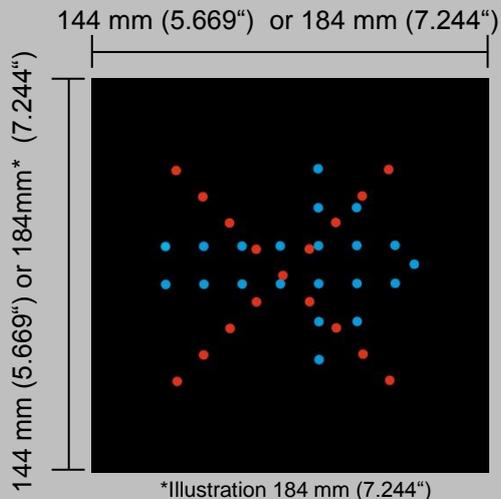
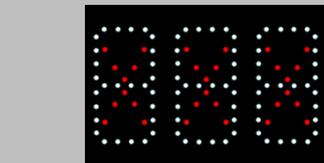


**FRITZ**

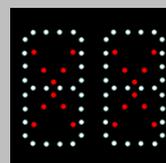
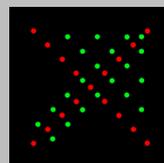
# „FRI“ TECHNICAL DATA



\*Illustration 256 x 184 mm (10.007" x 7.244")



\*Illustration 184 mm (7.244")



## Characteristics

- New type of SMD LED light symbols in two standard sizes
- The SMD LED technology allows 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 signposts in garages with low construction height
- Weight 140-170 g, depending on size and equipment
- Long-life-platinum layout with selected components
- Connector system for a rapid installation/access
- Maintenance-free

## Options

- Special LED colors are available at extra charge
- Production of different sizes and new symbols possible with "ERZ" system

## Symbol „wheelchair & woman“

- The customer decides whether only the direction (rotatable by each 45°), or only the number, or also both alternately should be displayed
- The integrated counting display counts max. to 19, an extension is possible, of course, with an additional counting display

## Technical Data of LED Symbols

All values at 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) Secondary symbol (Red Cross)

Typ	Quantity of LED Mainsymbol	Electric Power consumption(EPC) maximum (mA)	EPC nominal value for garages (10% setting brightness)	Brightness maximum (mcd)	Quantity of LED red Cross	Electric Power consumption(EPC) maximum (mA)	EPC nominal value for garages (10% setting brightness)	Brightness maximum (mcd)
Arrow Cross	21	145	37	1800	17	81	36	1400
Wheelchair	33 + 18 (CD)	191	64	560	17	115	60	1400
Woman	36 + 18 (CD)	129	63	800	17	115	60	1400
CD 2-fold	56	193	56	1800	20	102	53	1400
CD 3-fold +Fullt	84	283	67	1800	35	157	63	1400
CD 3-fold	84	283	67	1800	30	139	63	1400