

# Road Hazard Lamps LED



## TopLED Safety barrier lamp

- long-lived light emitting diodes instead of bulbs
- Photo-cell control
- Two concealed switches: on/off, steady/flashing
- no need for battery orientation
- LED indicator (for proper function)
- extended operation due to low power consumption
- operation with only one battery 4R25
- battery integrated in lamp body
- no external cables
- suitable for various markers
- no bulb replacement
- constant light intensity
- one-way LED light system (BD1A) with 4 LEDs
- two-way LED light system (BD2A) with 2 x 2 LEDs

**Customer details heat stamped and alternative colours for housings available on request.**

Accessories and spare parts please find on page 10  
Batteries please find on page 75

Art.-Nr. Packing Unit

|  |    |
|--|----|
| <b>21091</b><br>BD1A, amber            | 10 |
| <b>21092</b><br>BD2A, amber            | 10 |
| <b>21093</b><br>BD1A, red              | 10 |
| <b>21094</b><br>BD1A, amber, sec.Uni52 | 10 |
| <b>21095</b><br>BD2A, amber, sec.Uni52 | 10 |
| <b>21096</b><br>BD1A, red, sec.Uni52   | 10 |
| <b>21097</b><br>BD2A, red, sec.Uni52   | 10 |

### Base:

|                                     |    |
|-------------------------------------|----|
| <b>25568DM</b><br>Safety base D300M | 30 |
|-------------------------------------|----|

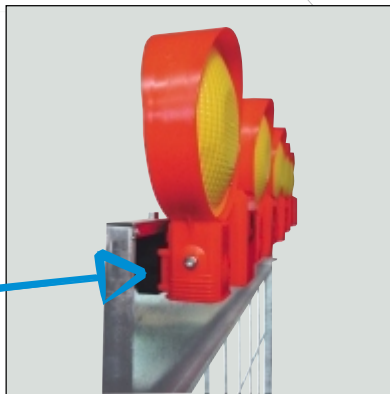
### Marker with D-System:

|   |    |
|---|----|
| <b>25572SD</b><br>right-/left pointing, sheeting Type I, Engineer Grade | 30 |
|---|----|

**Flash rate:** approx. 60/min.

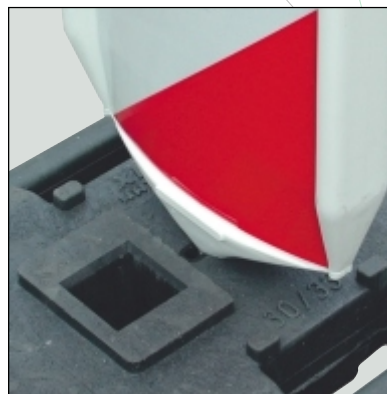
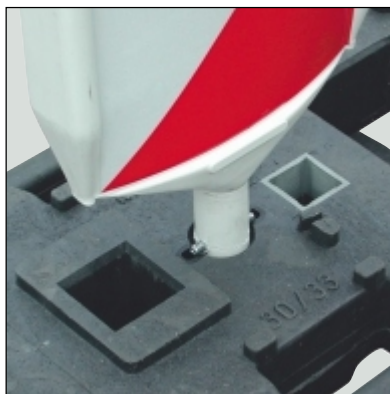
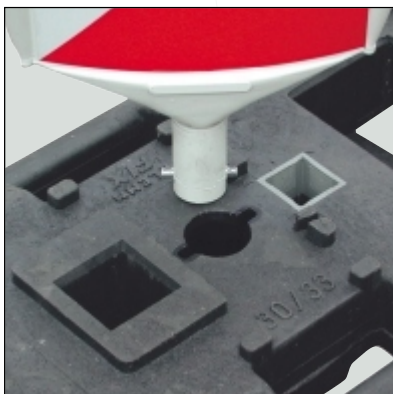
**Operation/h approx.:**

|                 |           |       |
|-----------------|-----------|-------|
| <b>1 x 7Ah</b>  | flashing: | 560   |
|                 | steady:   | 140   |
| <b>1 x 9Ah</b>  | flashing: | 740   |
|                 | steady:   | 185   |
| <b>1 x 50Ah</b> | flashing: | 4,000 |
|                 | steady:   | 1,000 |



**Certified by the BAST acc. to TL-Warnleuchten**  
Certif.-no.: V4-13-2001  
(uni-directional amber, Ref.-no.: 21091)  
Certif.-no.: V4-14-2001  
(bi-directional amber, Ref.-no.: 21092)  
Certif.-no.: V4-41-2002  
(uni-directional red, Ref.-no.: 21093)  
– Marking K –

**Certified by the BAST acc. to TL-Leitbaken**  
Marking: 94 2K 001  
(D, H, J, K, P, R, S, X, Y) 33, 34  
Lamp-battery-set: K



Subject to technical alterations

\* BAST = Federal Highway Research Institute | \*\*\* TL-Warnleuchten = Technical Terms for Production and Delivery of Markers and Lamps | \*\* TL-Baken = Technical Terms for Production and Delivery of Markers

## Warning lamps, accessories and spare parts

| Ref.-no. | Art. Description   | ☒   | Warning lamps |         |         |              |        |
|----------|--|-----|---------------|---------|---------|--------------|--------|
|          |  |     | Optima 2001   | Jubilar | starLED | SOLOLite LED | TopLED |
| 20104    | Security key   | 10  | •             | •       | •       |              | •      |
| 20147    | Security fixing bracket 52 mm  | 10  | •             | •       | •       | •            | •      |
| 20240    | Security fixing bracket 82 mm  | 5   | •             | •       | •       |              | •      |
| 21004    | Multiple fixing barrier bracket Set                                      | 5   | •             | •       | •       |              | •      |
| 21008    | Multiple fixing device   | 10  | •             | •       | •       |              | •      |
| 23050    | Air alkaline battery<br>"Kompakt 50" 6v/50Ah                             | 20  | •             | •       | •       | •            | •      |
| 25001    | Battery 6v/9Ah<br>IEC 4 R 25   | 20  | •             | •       | •       | •            | •      |
| 253962   | Battery 6v/7Ah<br>IEC 4 R 25   | 24  | •             | •       | •       | •            | •      |
| 89289    | Filament bulb 5v / 90mA  | 50  | •             |         |         |              |        |
| 92825    | Triple battery contact circuit<br>assembly BD 90mA with<br>LED-indicator | 100 | •             |         |         |              |        |
| 92833    | Double battery contact circuit<br>assembly BD 90mA                       | 125 |               | •       |         |              |        |
| 92835    | Triple battery contact circuit<br>assembly BD with amber LEDs            | 100 |               |         | •       |              |        |
| 92843    | Triple battery contact circuit<br>assembly BD with red LEDs              | 100 |               |         | •       |              |        |
| 95001    | Security key<br>for SoloLite LED   | 10  |               |         |         | •            |        |

