



**Signal Towers / Stacklights (LED)**

Up to 5 light modules or 4 light modules plus 1 x acoustic module can be combined with various colours permitting a number of signalling functions with multiple installation mounting options.

| type | colour | dB @ 1m max | supply voltage | description |
|------|--------|-------------|----------------|-------------|
|------|--------|-------------|----------------|-------------|

**TWS SMD LED series - Signal towers Ø70 mm (IP66)**

- Low power consumption, high vibration resistance, 100.000 hour lifetime
- Multi-functionality, excellent optical definition, improved light output (12 LED'S)

**TWS BASE - Wiring base + top cover for TWS towers (H) 48 mm**

|        |      |   |  |  |
|--------|------|---|--|--|
| 27700* | grey | - |  | wiring base + top cover for TWS towers |
|--------|------|---|--|--|

\* Essential for assembly of TWS tower

**TWS LED MULTI - integrated LED light module (H) 59 mm**

- 4 light functions (selectable by dip switch on each module)  
steady - single flash - double flash - triple flash

|       |        |   |           |                                   |
|-------|--------|---|-----------|-----------------------------------|
| 36501 | blue   | - | 24 VAC/DC | multi-functional LED light module |
| 36502 | amber  | - | 24 VAC/DC | multi-functional LED light module |
| 36503 | red    | - | 24 VAC/DC | multi-functional LED light module |
| 36504 | green  | - | 24 VAC/DC | multi-functional LED light module |
| 36505 | yellow | - | 24 VAC/DC | multi-functional LED light module |
| 36506 | white  | - | 24 VAC/DC | multi-functional LED light module |
| 36521 | blue   | - | 240 VAC   | multi-functional LED light module |
| 36522 | amber  | - | 240 VAC   | multi-functional LED light module |
| 36523 | red    | - | 240 VAC   | multi-functional LED light module |
| 36524 | green  | - | 240 VAC   | multi-functional LED light module |
| 36525 | yellow | - | 240 VAC   | multi-functional LED light module |
| 36526 | white  | - | 240 VAC   | multi-functional LED light module |

**Acoustic module for above TWS towers (IP54) (H) 104 mm**

**TWS PZO - Piezoelectric sounder (6 tones selectable via internal dip-switch)**

|       |      |       |                |                            |
|-------|------|-------|----------------|----------------------------|
| 27718 | grey | 85 dB | 12 - 48 VAC/DC | acoustic module (6 sounds) |
| 27719 | grey | 85 dB | 110 - 240 VAC  | acoustic module (6 sounds) |

**TWS MDA - magnetodynamic sounder (32 tones selectable via internal dip-switch)**

|       |      |        |                |                             |
|-------|------|--------|----------------|-----------------------------|
| 27790 | grey | 105 dB | 12 - 24 VAC/DC | acoustic module (32 sounds) |
| 27793 | grey | 105 dB | 240 VAC        | acoustic module (32 sounds) |

**miniTWS LED series - Signal towers Ø50 mm IP66 (IP54 with sounder)**

- Pre-assembled ready to install stacklights in 2 or 3 modules
- Low power consumption, high vibration resistance, 100.000 hour lifetime
- Multi-functionality two light effects: steady, flashing

**Two light stacklight (green/red) (H) 221 mm**

|       |         |       |           |                                     |
|-------|---------|-------|-----------|-------------------------------------|
| 31594 | grn/red | -     | 24 VAC/DC | LED signal tower complete           |
| 31595 | grn/red | 77 dB | 24 VAC/DC | LED signal tower + acoustic sounder |

**Three light stacklight (green/amber/red) (H) 271 mm**

|       |             |       |           |                                     |
|-------|-------------|-------|-----------|-------------------------------------|
| 31596 | grn/amb/red | -     | 24 VAC/DC | LED signal tower complete           |
| 31597 | grn/amb/red | 77 dB | 24 VAC/DC | LED signal tower + acoustic sounder |

**babyTWS LED series - Signal towers Ø36 mm IP65 (IP54 with sounder)**

- Pre-assembled ready to install stacklights in 2 or 3 modules
- Low power consumption, high vibration resistance, 100.000 hour lifetime
- Multi-functionality, excellent optical definition

**Two light stacklight (green/red) (H) 142 mm**

|       |         |       |           |                                     |
|-------|---------|-------|-----------|-------------------------------------|
| 36566 | grn/red | -     | 24 VAC/DC | LED signal tower complete           |
| 36567 | grn/red | 72 dB | 24 VAC/DC | LED signal tower + acoustic sounder |

**Three light stacklight (green/amber/red) (H) 176 mm**

|       |             |       |           |                                     |
|-------|-------------|-------|-----------|-------------------------------------|
| 36568 | grn/amb/red | -     | 24 VAC/DC | LED signal tower complete           |
| 36569 | grn/amb/red | 72 dB | 24 VAC/DC | LED signal tower + acoustic sounder |

**Accessories for TWS, miniTWS and babyTWS towers**

|       |           |  |  |  |
|-------|-----------|--|--|--|
| 27760 | mount     |  |  | mounting foot for TWS (Ø88 mm)                   |
| 27761 | ext. post |  |  | 100 mm extension stem for TWS towers             |
| 27762 | bracket   |  |  | wall mounting bracket for TWS towers             |
| 27763 | double    |  |  | wall mount bracket (double entry) for TWS towers |
| 27777 | -         |  |  | mounting foot with junction box for TWS towers   |