

Technical data sheet

Tower light

Part no.: 50138251

A7-V1-MP1-BZ2-S-DS-ROG-T-100

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For illustration purposes only



Technical data

Basic data

| | |
|-------------------|----------------------|
| Series | A7 |
| Type of signaling | Optical and acoustic |

Electrical data

| | |
|---------------------------|----------------|
| Life expectancy | > 100,000 h |
| Performance data | |
| Supply voltage U_B | 24 V, DC, 10 % |
| Current consumption, max. | 160 mA |

Connection

| | |
|-----------------------|---|
| Number of connections | 2 Piece(s) |
| Notes | Protected against accidental interchanges: Actuation of the colors is performed via PINs, thus, the calotte position can be freely selected (see operating instructions). The individual colors are actuated via VCC (PNP) |

Connection 1

| | |
|----------------------|----------------|
| Function | Voltage supply |
| Type of connection | Cable |
| Cable length | 1,500 mm |
| Number of conductors | 6 -wire |

Connection 2

| | |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

Mechanical data

| | |
|-------------------------------------|---|
| Design | Cylindrical |
| Dimension (\varnothing x L) | 70 mm x 347 mm |
| Housing material | Metal Plastic |
| Metal housing | Aluminum |
| Plastic housing | PC-ABS |
| Net weight | 611 g |
| Housing color | Black Gray |
| Type of fastening, at system | Screw type / horizontal |
| Type of illuminant | LED/24V |
| Lens modules | 4 pieces, ready-made |
| Signal image | Continuous light |
| Angle of radiation | 360° |
| Sequence of the modules (ascending) | Green, orange, red, single sound buzzer |

Environmental data

| | |
|--------------------------------|---------------|
| Ambient temperature, operation | -10 ... 60 °C |
|--------------------------------|---------------|

Certifications

| | |
|----------------------|-----------|
| Degree of protection | IP 66 |
| Certifications | CE CSA |

Acoustic data

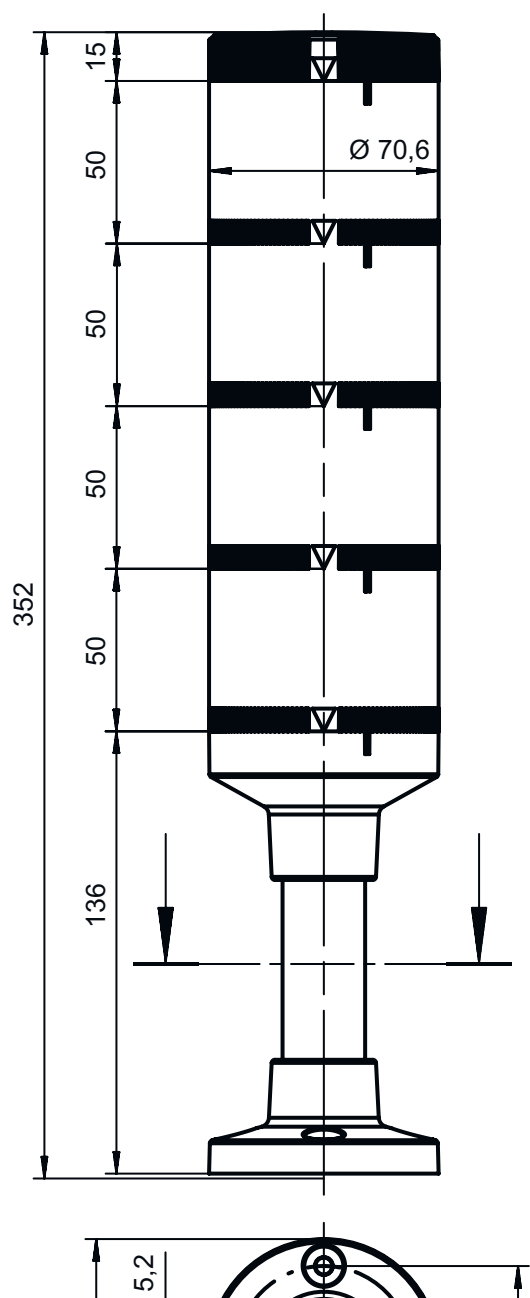
| | |
|-----------------|-----------------|
| Tone type | Continuous tone |
| Sound pressure | 105 dB |
| Number of tones | 1 Piece(s) |

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85318070 |
| ECLASS 5.1.4 | 27371230 |
| ECLASS 8.0 | 27371230 |
| ECLASS 9.0 | 27371220 |
| ECLASS 10.0 | 27371230 |
| ECLASS 11.0 | 27371230 |
| ECLASS 12.0 | 27371230 |
| ECLASS 13.0 | 27371230 |
| ECLASS 14.0 | 27371230 |
| ETIM 5.0 | EC001042 |
| ETIM 6.0 | EC001042 |
| ETIM 7.0 | EC001042 |
| ETIM 8.0 | EC001042 |
| ETIM 9.0 | EC001042 |

Dimensioned drawings

All dimensions in millimeters



Electrical connection

Connection 1

| | |
|----------------------|----------------------|
| Function | Voltage supply |
| Type of connection | Cable |
| Cable length | 1,500 mm |
| Sheathing material | PVC |
| Cable color | Gray |
| Number of conductors | 6 -wire |
| Wire cross section | 0.34 mm ² |

Electrical connection

| Conductor color | Conductor assignment |
|-----------------|-----------------------------------|
| Black | GND |
| Red | VCC / Light color: red |
| Green | VCC / Light color: green |
| Orange | VCC / Light color: yellow/orange |
| White | VCC / Light color: white / buzzer |
| Blue | VCC / Light color: blue |

Connection 2

| | |
|--------------------|----------|
| Type of connection | Open end |
|--------------------|----------|

Connection 3

| | |
|--------------------|---------------------------|
| Function | Connection to device |
| Type of connection | Terminal |
| Type of terminal | Tension spring technology |
| No. of pins | 6 -pin |

| Terminal | Assignment |
|----------|---------------|
| B | Blue |
| G | Green |
| A | orange/yellow |
| R | Red |
| 0 V | GND |
| W | white/buzzer |

Notes




Observe intended use!



- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with its intended use.

Accessories

Muting - Mounting systems

| | Part no. | Designation | Article | Description |
|--|----------|-------------|---------------------|---|
|  | 50142896 | A7-MW2 | Tower light element | Design: L shape Version: Angle, L-shape Fastening, at system: Through-hole mounting |

Accessories

Note



🔗 A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.