

## Technical data sheet

### Tower light element

Part no.: 50130451

E4-V1-DB-B

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For illustration purposes only



## Technical data

### Basic data

|                   |                                       |
|-------------------|---------------------------------------|
| Series            | E4                                    |
| Suitable for      | Tower light elements of the E4 series |
| Type of signaling | Optical                               |

### Electrical data

|                           |                   |
|---------------------------|-------------------|
| Life expectancy           | > 100,000 h       |
| <b>Performance data</b>   |                   |
| Supply voltage $U_B$      | 24 V, AC/DC, 10 % |
| Current consumption, max. | 32 mA             |

### Mechanical data

|                       |                |
|-----------------------|----------------|
| Design                | Cylindrical    |
| Dimension (Ø x L)     | 40 mm x 62 mm  |
| Housing material      | Plastic        |
| Net weight            | 45 g           |
| Type of fastening     | Bayonet system |
| Type of illuminant    | LED/24V        |
| Signal image          | Flashing light |
| Lens color            | Blue           |
| Blink/flash frequency | 2 Hz           |
| Angle of radiation    | 360°           |

### Environmental data

|                                |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -30 ... 60 °C |
|--------------------------------|---------------|

### Certifications

|                      |         |
|----------------------|---------|
| Degree of protection | IP 66   |
| Approvals            | c UL US |

### Classification

|                       |          |
|-----------------------|----------|
| Customs tariff number | 85318070 |
| ECLASS 5.1.4          | 27371220 |
| ECLASS 8.0            | 27371220 |
| ECLASS 9.0            | 27371220 |
| ECLASS 10.0           | 27371220 |
| ECLASS 11.0           | 27371220 |
| ECLASS 12.0           | 27371220 |
| ECLASS 13.0           | 27371220 |
| ECLASS 14.0           | 27371220 |
| ECLASS 15.0           | 27371220 |
| ETIM 5.0              | EC000232 |
| ETIM 6.0              | EC000232 |
| ETIM 7.0              | EC000232 |
| ETIM 8.0              | EC000232 |
| ETIM 9.0              | EC000232 |
| ETIM 10.0             | EC000232 |

## 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.



### For UL applications:



- ⚠ For UL applications, use is only permitted in Class 2 circuits in accordance with the NEC (National Electric Code).

## Accessories

### Mounting

|                                                                                    | Part no. | Designation | Article             | Description                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------|----------|-------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50130455 | E4-MH1      | Tower light element | Connection: Terminal, Push-in technology<br>Design: Cylindrical<br>Diameter: 40 mm<br>Version: Horizontal mounting<br>Fastening, at system: Screw type / horizontal<br>Lens modules: Max. 5 pieces<br>Module holder: One side<br>Ambient temperature: -30 ... 60 °C<br>Degree of protection: IP 66 |
|    | 50130458 | E4-MP1-100  | Tower light element | Connection: Terminal, Push-in technology<br>Design: Cylindrical<br>Diameter: 40 mm<br>Version: Base mounting<br>Fastening, at system: Screw type / horizontal<br>Lens modules: Max. 5 pieces<br>Module holder: One side<br>Ambient temperature: -30 ... 60 °C<br>Degree of protection: IP 66       |
|    | 50130456 | E4-MW1      | Tower light element | Connection: Terminal, Push-in technology<br>Design: Cylindrical<br>Diameter: 40 mm<br>Version: Bracket mounting<br>Fastening, at system: Screw type / vertical<br>Lens modules: Max. 5 pieces<br>Module holder: One side<br>Ambient temperature: -30 ... 60 °C<br>Degree of protection: IP 66      |
|  | 50130457 | E4-MW2      | Tower light element | Connection: Terminal, Push-in technology<br>Design: Cylindrical<br>Diameter: 40 mm<br>Version: Bracket mounting<br>Fastening, at system: Screw type / vertical<br>Lens modules: Max. 10 pieces<br>Module holder: Two-sided<br>Ambient temperature: -30 ... 60 °C<br>Degree of protection: IP 66    |

#### Note



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