

## Technical data sheet

### Tower light element

Part no.: 50130428

E7-V1-DS-Y

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For illustration purposes only



## Technical data

### Basic data

|                   |                                       |
|-------------------|---------------------------------------|
| Series            | E7                                    |
| Suitable for      | Tower light elements of the E7 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. | 51 mA             |

### Mechanical data

|                    |                  |
|--------------------|------------------|
| Design             | Cylindrical      |
| Dimension (Ø x L)  | 70 mm x 61 mm    |
| Housing material   | Plastic          |
| Net weight         | 80 g             |
| Type of fastening  | Bayonet system   |
| Type of illuminant | LED/24V          |
| Signal image       | Continuous light |
| Lens color         | Yellow           |
| Angle of radiation | 360°             |

### Environmental data

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

### Certifications

|                      |                       |
|----------------------|-----------------------|
| Degree of protection | IP66, UL Type 4/4X/13 |
| 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                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------|----------|-------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | 50130436 | E7-MH1      | Tower light element | Connection: Terminal, Tension spring technology<br>Design: Cylindrical<br>Diameter: 70 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 |
|    | 50130440 | E7-MP1-100  | Tower light element | Connection: Terminal, Tension spring technology<br>Design: Cylindrical<br>Diameter: 70 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       |
|    | 50130437 | E7-MW1      | Tower light element | Connection: Terminal, Tension spring technology<br>Design: Cylindrical<br>Diameter: 70 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      |
|  | 50130438 | E7-MW2      | Tower light element | Connection: Terminal, Tension spring technology<br>Design: Cylindrical<br>Diameter: 70 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.