



# Stack light LED permanent light element

## VAZ-LED-70MM-YE

- Modular design
- Flexible combination of signal elements
- Bayonet system for simple mounting and dismounting
- Long lifetime
- 70-mm-series

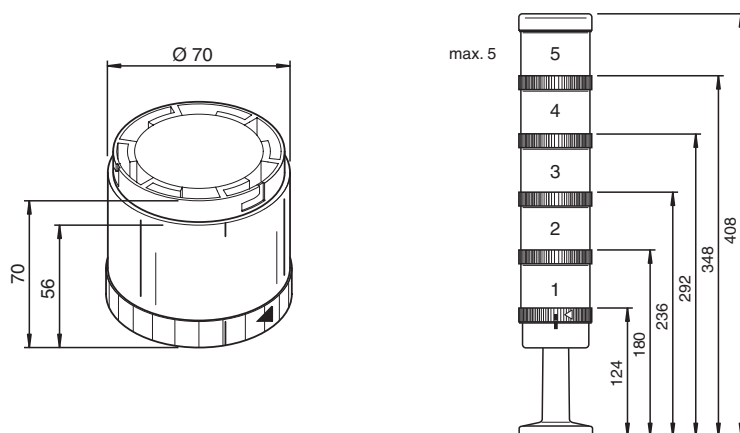
Stack light LED permanent light element, yellow



### Function

The LED permanent light element converts electrical signals to optical signals. The light element is available in various colours and the bayonet type connector allows easy installation on the corresponding terminal. The modular design permits user-defined combinations and reduces operation costs and storage costs. The illuminant based on LED technology is integrated in the spherical cap and features an excellent illumination, good resistance against shock and vibration as well as a long service life, which also means good MTBF figures (Mean Time Between Failures).

### Dimensions



### Technical Data

#### General specifications

|                |         |
|----------------|---------|
| UL File Number | E223176 |
| Color          | yellow  |

#### Functional safety related parameters

|                   |        |
|-------------------|--------|
| MTTF <sub>d</sub> | 8700 a |
|-------------------|--------|

#### Electrical specifications

|                         |                |                                                      |
|-------------------------|----------------|------------------------------------------------------|
| Rated operating voltage | U <sub>e</sub> | 24 V AC/DC                                           |
| Rated operating current | I <sub>e</sub> | ≤ 30 mA at 24 V DC<br>30 mA at 30.5 V (AS-Interface) |
| Protection class        |                | III                                                  |

#### Directive conformity

|                               |  |  |
|-------------------------------|--|--|
| Electromagnetic compatibility |  |  |
|-------------------------------|--|--|

Technical Data

|                           |  |                                                      |
|---------------------------|--|------------------------------------------------------|
| Directive 2014/30/EU      |  | EN 60947-5-1<br>EN 60947-1                           |
| Standard conformity       |  |                                                      |
| Degree of protection      |  | EN 60529                                             |
| Ambient conditions        |  |                                                      |
| Ambient temperature       |  | -20 ... 50 °C (-4 ... 122 °F)                        |
| Mechanical specifications |  |                                                      |
| Degree of protection      |  | IP65                                                 |
| Connection                |  | Bayonet system                                       |
| Life span                 |  | Max. 50,000 hours = 5.7 years (continuous operation) |

Matching System Components

|                                                                                   |                    |                                                    |
|-----------------------------------------------------------------------------------|--------------------|----------------------------------------------------|
|  | VAZ-CLAMP-70MM     | Stack light terminal base with cover plate         |
|  | VAZ-CLAMP-70MM-90° | Stack light terminal base with cover plate         |
|  | VAZ-70MM-IO        | Signal tower connection element IO-Link with cover |

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