

### General information

When selecting lamps, the button/lens colour of the device should be taken into account.

| transparent colours | Suitable for   |            |         |
|---------------------|----------------|------------|---------|
|                     | Filament lamps | Neon lamps | LED     |
| colourless          | limited        | good       | good    |
| red                 | good           | good       | good    |
| yellow              | good           | good       | good    |
| green               | good           | limited    | limited |
| blue                | limited        | limited    | good    |

**transparent** = clear, grooved on inside for better light diffusion

**translucent** = translucent but not clear

Operating life specifications of lamps refer to AC operation. For DC operation, these values are reduced by approximately 40%. (Operating life specifications: when not mounted).

Neon lamps: rated current tolerance +/- 30%

We recommend to combine coloured lenses with the corresponding LED colours in order to achieve a really intensive colour.

On the other hand, when combining e.g. a white LED with a coloured lens, this will produce a dim colour.

### CE-Conformity

Illumination like lamps and LEDs displays are exchangeable, overall available as merchandise and not steadily connected with the network – thus, the Low-voltage Directive 73/23/EWG does not apply.

#### EMC

The components of this catalogue are within the meaning of the law concerning the electromagnetic conformity (= EMC) "basic components as f. ex. switches, signal lamps or like" and, therefore, do not all within the scope of the EMC.

#### Declarations of Conformity

Declarations of conformity for lamps are not available.



































