

## LED Reflector Holder round with 5 mm LED



Housing chrome  
LED red  
Optionally with and without series resistor and with protruding LED or external reflector



Housing black dull  
LED red  
Chalice shape with internal reflector



Housing chrome  
LED green  
Chalice shape with internal reflector



Housing black dull  
LED red  
Exposed LED and external reflector

See below:

[Approvals and Compliances](#)

### Description

- Panel Mounting
- Illumination with 5 mm LED
- available with or without series resistor
- Housing chrome plated or black dull
- Solder terminals

### Weblinks

[pdf data sheet](#), [html datasheet](#), [CAD-Drawings](#), [Detailed request for product](#)

### Technical Data

#### Electrical Data

|                     |                                       |
|---------------------|---------------------------------------|
| Current consumption | 10 mA with Built-in Multiplier        |
| LED                 | Technical data LED see separate table |

#### Climatical Data

|                           |               |
|---------------------------|---------------|
| Allowable Operation Temp. | -25 to 55 °C  |
| Storage Temperature       | -55 to 100 °C |
| Protection Class          | IP67          |

#### Soldering Data

|                              |  |
|------------------------------|--|
| Solderability                | 235 °C / 2 sec acc. to IEC 60068-2-20 , Test Ta, method 1  |
| Resistance to Soldering Heat | 350 °C / 5 sec acc. to IEC 60068-2-20 , Test Tb, method 1B |

#### Material

|                  |                     |
|------------------|---------------------|
| Housing          | Brass chrome-plated |
| Solder terminals | Tin-Plated Copper   |
| Nut              | Nickel-Plated Brass |
| Sealing          | Nitril rubber       |

### Technical Data LED

|                                | LED red                   | LED green                 | LED yellow                |
|--------------------------------|---------------------------|---------------------------|---------------------------|
| Let-through current DC IF max. | 30 mA                     | 30 mA                     | 30 mA                     |
| Power Loss PV max.             | 100 mW                    | 100 mW                    | 100 mW                    |
| Forward voltage                | typ. 2.0 V; max. 3.0 V    | typ. 2.4 V; max. 3.0 V    | typ. 2.4 V; max. 3.0 V    |
| Luminous intensity             | min. 6.3 mcd; typ. 10 mcd | min. 6.3 mcd; typ. 10 mcd | min. 6.3 mcd; typ. 12 mcd |
| Viewing angle                  | 60°                       | 60°                       | 60°                       |
| Peak wave length               | typ. 635 nm               | typ. 565 nm               | typ. 585 nm               |
| Reverse voltage                | typ. 15 V                 | typ. 15 V                 | typ. 15 V                 |

### Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

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| Type               | Multiplier | Housing    | Supply Voltage | Color LED | Order Number |
|--------------------|------------|------------|----------------|-----------|--------------|
| Internal Reflector | without    | black dull | -              | yellow    | 0035.0728    |

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**Packaging unit** 50 pcs

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