

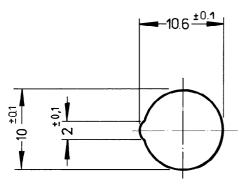
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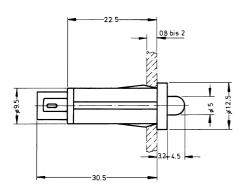
| Form of lensLED protrudingColor of lensgreenDiameter of collar12.5 mmDimensions7.7 mmOverall height7.7 mmMounting depth30.5 mmMounting hole10 mmMechanical designpressing into holeTerminalsguick connector 2.8 x 0.8 mmLamp socketnoLamp socketnoLamp socketnoIntegrated currency resistoryesForward voltage U <sub>R</sub> at 25 °C3 VForward voltage U <sub>R</sub> at 25 °C3 VForward current, I <sub>F</sub> 13 - 18.5 mAReverse current, I <sub>R</sub> at 25 °C100 $\mu$ APower dissipation P <sub>tot</sub> at 25 °Cmax. 120 mWLight intensity1000Protecting diodenoOther specificationspessedDirection from front sideIP40 (DIN EN 60529)Weight2.44 gROHS compliantyes  | General information                     |                                |
|--|---|--------------------------------|
| Diameter of collar       12.5 mm         Dimensions       0         Overall height       7.7 mm         Mounting depth       30.5 mm         Mounting hole       10 mm         Mechanical design       pressing into hole         Terminals       quick connector 2.8 x 0.8 mm         Lamp socket       no         Lamp       green         Electrical characteristics       0         Operating voltage U <sub>B</sub> 24 - 28 V         V       yes         Forward voltage U <sub>F</sub> at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage U <sub>R</sub> at 25 °C       3 V         Forward current, I <sub>F</sub> 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C       100 $\mu$ A         Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       Degree of protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g   | Form of lens                            | LED protruding                 |
| Dimensions       7.7 mm         Overall height       7.7 mm         Mounting depth       30.5 mm         Mounting hole       10 mm         Mechanical design       pressing into hole         Terminals       quick connector 2.8 x 0.8 mm         Lamp socket       no         Lamp socket       no         Lamp       green         Electrical characteristics       Operating voltage U <sub>B</sub> 24 - 28 V       Integrated currency resistor         Forward voltage U <sub>F</sub> at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage U <sub>R</sub> at 25 °C       3 V         Forward current, I <sub>F</sub> 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C       max. 120 mW         Light intensity       1000 $\mu$ Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       Degree of protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g  | Color of lens                           | green                          |
| Overall height       7.7 mm         Mounting depth       30.5 mm         Mounting hole       10 mm         Mechanical design       mm         Mounting       pressing into hole         Terminals       quick connector 2.8 x 0.8 mm         Lamp socket       no         Lamp       green         Electrical characteristics       Operating voltage UB         Querating voltage UB       24 - 28 V         Integrated currency resistor       yes         Forward voltage UF at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage UR at 25 °C       3 V         Forward current, IF       13 - 18.5 mA         Reverse current IR at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       Degree of protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g   | Diameter of collar                      | 12.5 mm                        |
| Overall height       7.7 mm         Mounting depth       30.5 mm         Mounting hole       10 mm         Mechanical design       mm         Mounting       pressing into hole         Terminals       quick connector 2.8 x 0.8 mm         Lamp socket       no         Lamp       green         Electrical characteristics       Operating voltage UB         Querating voltage UB       24 - 28 V         Integrated currency resistor       yes         Forward voltage UF at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage UR at 25 °C       3 V         Forward current, IF       13 - 18.5 mA         Reverse current IR at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       Degree of protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g   |   |                                |
| Mounting depth30.5 mmMounting hole10 mmMechanical designpressing into holeTerminalsquick connector 2.8 x 0.8 mmLamp socketnoLampgreenElectrical characteristicsOperating voltage $U_B$ 24 - 28 VIntegrated currency resistorForward voltage $U_F$ at 25 °Cat 20 mA forward current 2.4 VReverse voltage $U_R$ at 25 °C $3V$ Forward current, $I_F$ $13 - 18.5 mA$ Reverse current $I_R$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $24 \ 20 \ max$ Max $120 \ max$ Light intensity $1000$ Protecting diode $no$ Other specifications $P40 \ (DIN \ EN \ 60529)$ Weight $2.44 \ g$ ROHS compliantyes  |   |                                |
| Mounting hole       10 mm         Mechanical design       pressing into hole         Mounting       pressing into hole         Terminals       quick connector $2.8 \times 0.8$ mm         Lamp socket       no         Lamp       green         Electrical characteristics       Operating voltage U <sub>B</sub> Quert of the product of the p |   |                                |
| Mechanical designMountingpressing into holeTerminalsquick connector 2.8 x 0.8 mmLamp socketnoLampgreenElectrical characteristicsOperating voltage UB24 - 28 VIntegrated currency resistoryesForward voltage UF at 25 °Cat 20 mA forward current 2.4 VReverse voltage UR at 25 °C $3 \vee$ Forward current, IF $13 - 18.5 \text{ mA}$ Reverse current IR at 25 °C $100 \mu A$ Power dissipation Ptot at 25 °C $max. 120 \text{ mW}$ Light intensity1000Protecting diodenoOther specificationsIP40 (DIN EN 60529)Degree of protection from front sideIP40 (DIN EN 60529)Weight2.44 gROHS compliantyes  |   |                                |
| Mountingpressing into holeTerminalsquick connector 2.8 x 0.8 mmLamp socketnoLampgreenElectrical characteristicsOperating voltage $U_B$ 24 - 28 VIntegrated currency resistorYesForward voltage $U_F$ at 25 °Cat 20 mA forward current 2.4 VReverse voltage $U_R$ at 25 °C3 VForward current, $I_F$ 13 - 18.5 mAReverse current $I_R$ at 25 °C100 $\mu$ APower dissipation $P_{tot}$ at 25 °Cmax. 120 mWLight intensity1000Protecting diodenoOther specificationsDegree of protection from front sidePewer discompliantyes  | Mounting hole                           | 10 mm                          |
| Terminalsquick connector 2.8 x 0.8 mmLamp socketnoLampgreenElectrical characteristicsOperating voltage $U_B$ $24 - 28 V$ Integrated currency resistoryesForward voltage $U_F$ at 25 °Cat 20 mA forward current 2.4 VReverse voltage $U_R$ at 25 °C $3 V$ Forward current, $I_F$ $13 - 18.5 mA$ Reverse current $I_R$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $100 \ \mu A$ Power dissipation $P_{tot}$ at 25 °C $24 \ 20 \ max$ Light intensity $1000$ Protecting diodenoOther specifications $P40$ (DIN EN 60529)Veight $2.44 \ g$ ROHS compliantyes  | Mechanical design                       |                                |
| Lamp socketnoLampgreenElectrical characteristicsOperating voltage $U_B$ 24 - 28 VIntegrated currency resistorForward voltage $U_F$ at 25 °Cat 20 mA forward current 2.4 VReverse voltage $U_R$ at 25 °C3 VForward current, $I_F$ 13 - 18.5 mAReverse current $I_R$ at 25 °Cmax. 120 mWLight intensityPower dissipation $P_{tot}$ at 25 °Cmax. 120 mWLight intensityProtecting diodeOther specificationsDegree of protection from front sideIP40 (DIN EN 60529)WeightROHS compliantyes  | Mounting                                | pressing into hole             |
| Lamp       green         Electrical characteristics       24 - 28 V         Operating voltage U <sub>B</sub> 24 - 28 V         Integrated currency resistor       yes         Forward voltage U <sub>F</sub> at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage U <sub>R</sub> at 25 °C       3 V         Forward current, I <sub>F</sub> 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C       100 µA         Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes  | Terminals                               | quick connector 2.8 x 0.8 mm   |
| Electrical characteristics         Operating voltage $U_B$ 24 - 28 V         Integrated currency resistor         Forward voltage $U_F$ at 25 °C         at 20 mA forward current 2.4 V         Reverse voltage $U_R$ at 25 °C         3 V         Forward current, $I_F$ 13 - 18.5 mA         Reverse current $I_R$ at 25 °C         max. 120 mW         Light intensity         Power dissipation $P_{tot}$ at 25 °C         max. 120 mW         Light intensity         Potecting diode         Other specifications         Degree of protection from front side         IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant  | Lamp socket                             | no                             |
| Operating voltage $U_B$ 24 - 28 V         Integrated currency resistor       yes         Forward voltage $U_F$ at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage $U_R$ at 25 °C       3 V         Forward current, $I_F$ 13 - 18.5 mA         Reverse current $I_R$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Potecting diode       no         Other specifications       1000         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes  | Lamp                                    | green                          |
| Operating voltage $U_B$ 24 - 28 V         Integrated currency resistor       yes         Forward voltage $U_F$ at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage $U_R$ at 25 °C       3 V         Forward current, $I_F$ 13 - 18.5 mA         Reverse current $I_R$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Potecting diode       no         Other specifications       1000         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes  |   |                                |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $   |   |                                |
| Integrated currency resistor       yes         Forward voltage $U_F$ at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage $U_R$ at 25 °C       3 V         Forward current, $I_F$ 13 - 18.5 mA         Reverse current $I_R$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       Pegree of protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes  | Operating voltage UB                    | 24 - 28 V                      |
| Forward voltage $U_F$ at 25 °C       at 20 mA forward current 2.4 V         Reverse voltage $U_R$ at 25 °C       3 V         Forward current, $I_F$ 13 - 18.5 mA         Reverse current $I_R$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       100 $\mu$ A         Power dissipation $P_{tot}$ at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       1P40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes   | Integrated currency resistor            |                                |
| at 20 mA forward current 2.4 V         Reverse voltage U <sub>R</sub> at 25 °C         3 V         Forward current, I <sub>F</sub> 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C         100 µA         Power dissipation P <sub>tot</sub> at 25 °C         max. 120 mW         Light intensity         Protecting diode         no         Other specifications         Degree of protection from front side         IP40 (DIN EN 60529)         Weight         2.44 g         ROHS compliant  |   | ŕ                              |
| $\frac{3 \text{ V}}{\text{Forward current, } I_F} = \frac{13 - 18.5 \text{ mA}}{13 - 18.5 \text{ mA}}$ Reverse current I <sub>R</sub> at 25 °C $\frac{100  \mu\text{A}}{\text{Power dissipation P}_{tot} \text{ at } 25 ^{\circ}\text{C}} = \frac{100  \mu\text{A}}{1000  \mu\text{A}}$ Power dissipation P <sub>tot</sub> at 25 °C $\frac{100  \mu\text{A}}{1000  \mu\text{A}}$ Protecting diode $\frac{1000  \mu\text{A}}{1000  \mu\text{A}}$ Other specifications Degree of protection from front side $\frac{1P40 \text{ (DIN EN 60529)}}{2.44 \text{ g}}$ ROHS compliant $3        \text{$  |   | at 20 mA forward current 2.4 V |
| Forward current, I <sub>F</sub> 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C       100 μA         Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       IP40 (DIN EN 60529)         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes  | Reverse voltage U <sub>R</sub> at 25 °C |                                |
| 13 - 18.5 mA         Reverse current I <sub>R</sub> at 25 °C         100 μA         Power dissipation P <sub>tot</sub> at 25 °C         max. 120 mW         Light intensity         Protecting diode         no         Other specifications         Degree of protection from front side         IP40 (DIN EN 60529)         Weight         ROHS compliant  |   | <u>3 V</u>                     |
| Reverse current I <sub>R</sub> at 25 °C       100 µA         Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       IP40 (DIN EN 60529)         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes   | Forward current, I <sub>F</sub>         |                                |
| 100 μA       Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW       Light intensity       Protecting diode       no       Other specifications       Degree of protection from front side       IP40 (DIN EN 60529)       Weight       2.44 g       ROHS compliant  |   | 13 - 18.5 mA                   |
| Power dissipation P <sub>tot</sub> at 25 °C       max. 120 mW         Light intensity       1000         Protecting diode       no         Other specifications       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes   | Reverse current I <sub>R</sub> at 25 °C | 100                            |
| max. 120 mW       Light intensity     1000       Protecting diode     no       Other specifications       Degree of protection from front side     IP40 (DIN EN 60529)       Weight     2.44 g       ROHS compliant     yes  | Power dissipation P at 25 °C            | ΙΟυ μΑ                         |
| Light intensity       1000         Protecting diode       no         Other specifications       Protection from front side         Degree of protection from front side       IP40 (DIN EN 60529)         Weight       2.44 g         ROHS compliant       yes   | rower dissipation r tot at 25°C         | max. 120 mW                    |
| Protecting diode     no       Other specifications     IP40 (DIN EN 60529)       Degree of protection from front side     IP40 (DIN EN 60529)       Weight     2.44 g       ROHS compliant     yes   | Light intensity                         |                                |
| Degree of protection from front sideIP40 (DIN EN 60529)Weight2.44 gROHS compliantyes   |   | no                             |
| Degree of protection from front sideIP40 (DIN EN 60529)Weight2.44 gROHS compliantyes   |   |                                |
| Weight     2.44 g       ROHS compliant     yes   | -                                       |                                |
| ROHS compliant yes   |   |                                |
|  | *                                       | <u>2.44 g</u>                  |
| REACH compliant yes  | · · · · ·                               | yes                            |
|  | REACH compliant                         | yes                            |

Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.



## Panel cut-out





Technical data are approximate and intended solely for general orientation in the selection of a product. Subject to modifications and errors. Images and other graphics may only be similar. For more information, refer to www.rafi.de chapter Imprint / Data Protection.