LED ring lights

Type designation:
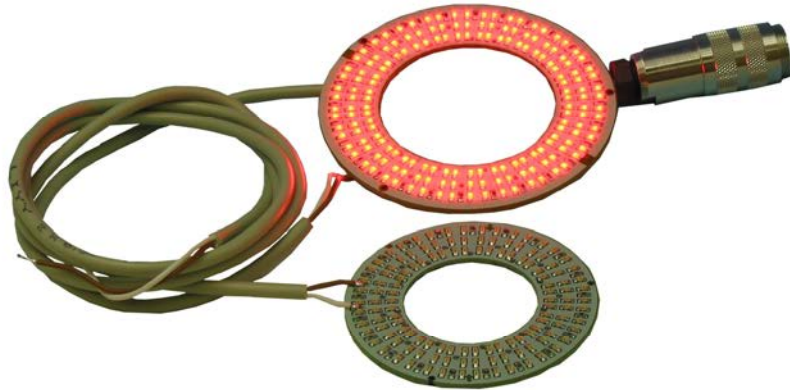
54 LED ring light
with 54 LED
diameter = 47mm

126 LED ring light
with 126 LED
diameter = 67mm

168 LED ring light
with 168 LED
diameter = 85mm

Function / use
- Cost-effective lighting for illuminating surfaces for optical inspection systems

Controls and displays
- LED ring with 54, 126 or 168 LED
- Standard LED red, other colors on request

Supply voltage
- 12V DC ± 10%, or 24V DC ± 10%
  54 LED ring: 100mA, 126 LED ring: 200mA, 168 LED ring: 300mA

Electrical characteristics
- Pulse-pause ratio during continuous operation 80/20
- EMC-values: UNITRO-Standard in accordance with EN 61000

Mechanical characteristics
- ring 54 LED: D=47mm, d=28mm
  ring 126 LED: D=67mm, d=35mm
  ring 168 LED: D=85mm, d=50mm
- 2-pin DIN connector, cable length 1m, leaving behind

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| **Head office:** | Gaildorfer Str. 15 | D-71522 Backnang | Tel.: +49 (0)7191/141-0 | Fax: +49 (0)7191/141-299 | | |
| **Office Radolfzell:** | Westendstr. 3 | D-78315 Radolfzell | Tel.: +49 (0)7191/141-150 | Fax: +49 (0)7191/141-299 | info@unitro.de | www.unitro.de |

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Technical data:

1. Type of construction:
   ring
54 LED:	D=47mm, d=28mm
126 LED:	D=67mm, d=35mm
168 LED:	D=85mm, d=50mm

2. Degree of protection:
   IP10

3. Weight:
54 LED ring:	approx. 55g
126 LED ring:	approx. 60g
168 LED ring:	approx. 65g

4. Climatic conditions:
   in accordance with UNITRO-Standard

5. Connection:
   2-pin DIN connector,
   cable length 1m, leaving behind

6. Supply voltage:
   12V DC ± 10%, 24V DC ± 10%
54 LED ring:	100mA
126 LED ring:	200mA
168 LED ring:	300mA

7. Pulse-pause ratio during continuous operation:
   80/20

8. Color / wavelength:
LED red:	660nm
LED yellow:	585nm
LED green:	570nm

9. Leakage distances and clearances:
   in accordance with UNITRO-Standard

10. EMC, immunity of interference:
    UNITRO-Standard,
    in accordance with EN 61000