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STÖRMELDESYSTEME

## LED area lights

### Type designation:

#### **50/50-R area light**

with 144 LED  
62 x 60 x 10mm

#### **100/100-R area light**

with 576 LED  
112 x 110 x 10mm



### Function / use

- Cost-effective lighting for illuminating surfaces for optical inspection systems

### Controls and displays

- LED area lights with 144 or 576 LED and diffuser
- Standard LED red, other colors on request

### Supply voltage

- 12V DC  $\pm$  10%, or 24V DC  $\pm$  10%  
50/50-R: 250mA, 100/100-R: 1000mA

### Electrical characteristics

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

### Mechanical characteristics

- area quadratic with diffuser,  
50/50-R with 144 LED: 62x60x10mm  
100/100-R with 576 LED: 112x110x10mm
- 2-pin DIN connector, cable length 1m, leaving above

## Technical data:

1. Type of construction:  
area quadratic with diffuser  
50/50-R with 144 LED: 62x60x10mm  
100/100-R with 576 LED: 112x1100x10mm
2. Degree of protection:  
IP20
3. Weight:  
50/50-R: approx. 110g  
100/100-R: approx. 240g
4. Climatic conditions:  
in accordance with UNITRO-Standard
5. Connection:  
2-pin DIN connector,  
cable length 1m, leaving above
6. Supply voltage:  
12V DC  $\pm$  10%, 24V DC  $\pm$  10%  
50/50-R: 250mA  
100/100-R: 1000mA
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