



**207296**  
**LA 48-50-2350-2560 I-D**  
**Light grids**

- Horizontal beam evaluation
- Integrated evaluation electronics
- Switching output
- Fault alarm output
- Compact design
- Aluminum housing
- Easy to install



| Function |  |  |  |  |  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|--|--|--|--|
|          |  |  |  |  |  |  |  |  |  |  |  |

| Technical data (typ.)  | +20°C, 24 V DC   |
|------------------------|--|
| Service voltage        | 20.4 ... 28.8 V DC   |
| Power consumption      | 8 W  |
| Assembly               | Threaded bolt (5)  |
| Profile cross section  | 12 x 24 mm   |
| Dimension              | <ul style="list-style-type: none"> <li>■ A: 80 mm</li> <li>■ B: 600 mm</li> <li>■ X: 20 mm</li> <li>■ Y: 185 mm</li> </ul> |
| Profile length         | 2560 mm  |
| Housing material       | Aluminum (silver, Anodized)  |
| Protection class       | III, operation on protective low voltage   |
| EMC directives         | EN 61000-6-3:2001 / EN 61000-6-1:2001  |
| Evaluation             | horizontal   |
| Evaluation electronics | integrated   |
| Output function        | Dark switching   |
| Switching output       | pnp, 200 mA, NO, short-circuit-proof   |
| Light source           | LED  |
| Color                  | Infrared   |
| Wavelength             | 880 nm   |



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| Technical data (typ.)                | +20°C, 24 V DC  |
|--------------------------------------|---|
| Beam evaluation                      | via integrated evaluation electronics   |
| Beam separation                      | 50 mm   |
| Number of beams                      | 48  |
| Monitoring height                    | 2350 mm   |
| Range                                | 700 ... 4000 mm (factory setting)   |
| Display                              | LED (Service voltage / output stage, error (alarm))                           |
| Cycle time per light beam            | 1 ms  |
| Total cycle time                     | Anzahl Lichtstrahlen x 1 ms + 4 ms  |
| Basic processing time                | 4 ms  |
| Ambient temperature during operation | -10 ... +45 °C  |
| Protection type                      | IP 54 (IP 65 optional)  |
| Connection                           | Cable, 4.0 m (with ferrule)   |
| More information / accessories       | <a href="https://www.di-soric.com/207296">https://www.di-soric.com/207296</a> |