



**209599**  
**LI 80-50-3950-4040 I**  
**Light grids**

- With evaluation electronics LVE ... / LVX ... measuring and switching
- With evaluation electronics LVB ... switching
- Beam evaluation horizontal or diagonal
- Compact design
- Aluminum housing
- Easy to install



Function													
												CE	

Technical data (typ.)	+20°C, 24 V DC
Service voltage	20 ... 26 V DC (see evaluation electronics)
Assembly	Threaded bolt (5)
Profile cross section	12 x 24 mm
Dimension	<ul style="list-style-type: none"> <li>■ A: 220 mm</li> <li>■ B: 900 mm</li> <li>■ X: 20 mm</li> <li>■ Y: 70 mm</li> </ul>
Profile length	4040 mm
Housing material	Aluminum (natural)
Protection class	III, operation on protective low voltage
Evaluation	absolute, percentage, Configurable via evaluation electronics
Evaluation electronics	external
Output function	Configurable via evaluation electronics
Switching output	Configurable via evaluation electronics, NO, NC
Light source	LED
Color	Infrared
Wavelength	880 nm
Beam evaluation	via external evaluation electronics
Beam separation	50 mm

**209599****LI 80-50-3950-4040 I****Light grids**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Number of beams	80
Monitoring height	3950 mm
Range	250 ... 6000 mm (adjustable via evaluation electronics)
Measuring range	3950 mm
Ambient temperature during operation	-20 ... +40 °C
Protection type	IP 54 (IP 65 optional)
Connection	Cable, 4.0 m (with plug connector, additional variants on request)
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/209599">https://www.di-soric.com/209599</a></b>