



**209603**  
**LI 16-112-1677-1830 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 (4)
Profile cross section	12 x 24 mm
Dimension	<ul style="list-style-type: none"> <li>■ A: 165 mm</li> <li>■ B: 500 mm</li> <li>■ X: 20 mm</li> <li>■ Y: 130 mm</li> </ul>
Profile length	1830 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	112 mm



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<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Number of beams	16
Monitoring height	1677 mm
Range	250 ... 6000 mm (adjustable via evaluation electronics)
Measuring range	1677 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/209603">https://www.di-soric.com/209603</a></b>