



**205545**  
**LA 16-12.5-188-360 I-D**  
**Light grids**

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



Function													
												CE	

Technical data (typ.)	+20°C, 24 V DC
Service voltage	20.4 ... 28.8 V DC
Power consumption	8 W
Assembly	Threaded bolt (2)
Profile cross section	12 x 24 mm
Dimension	<ul style="list-style-type: none"> <li>■ A: 30 mm</li> <li>■ B: 300 mm</li> <li>■ X: 13.5 mm</li> <li>■ Y: 153.5 mm</li> </ul>
Profile length	360 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

**205545****LA 16-12.5-188-360 I-D****Light grids**

<b>Technical data (typ.)</b>	<b>+20°C, 24 V DC</b>
Beam evaluation	via integrated evaluation electronics
Beam separation	12.5 mm
Number of beams	16
Monitoring height	188 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)
<b>More information / accessories</b>	<b><a href="https://www.di-soric.com/205545">https://www.di-soric.com/205545</a></b>