



Available in 2-, 3-, and 4-beam resolutions, SLD Series safety light grids provide up to 70 meters of reliable operator protection in harsh industrial environments...

(SLDSerieslightgrids.jpg)

Wieland Electric Safety Light Grids Provide Personal & Access Protection for Hazardous Machinery & Equipment

Wieland Electric Inc., a leading global manufacturer of innovative electrical interconnect technology, has developed a family of safety light grids, enabling machine design engineers to implement effective and economical optoelectronic safety barriers around machinery in harsh industrial environments.

For the technical press

Keyword:
**Wieland, SLD Series, safety light
grid, machine safety, Type 4**

For download of this product
datasheet, please refer to our
website:

<http://www.wielandinc.com/en-us/safety-light-grids-sld-highest-standards>





The SLD Series light grids are available in 2-, 3- and 4-beam resolutions, and are capable of ranges spanning 0.5m to 70m. Rated for operating temperatures from -30°C to 55°C, they are suitable for Type 4 safety systems and feature a robust aluminum housing sealed to IP67 standards, multi-beam scanning to avoid unwanted shutdowns, and adjustable range reduction to avoid mutual interference when implementing several adjacent systems. SLD Series light grids provide high reliability performance in even the harshest environments. They are easily serviced via an M12 quick connect port.

“The optional integrated laser alignment tool facilitates convenient initial installation and simplifies maintenance by ensuring the correct tool is available if the light grid needs realignment during its service life,” said Martin Lalonde, application engineer at Wieland Electric.

SLD Series safety light grids are available in three models: Standard, Select, and Universal. Ideal for higher range applications, the SLD Standard and SLD Select models each consist of a transmitter and a receiver unit, are compatible with 2-, 3-, and 4-beam systems, and support ranges spanning 0.5 – 50m and 20 – 70m. Both feature LED displays, multi-scan technology, range reduction, and automatic start, and are compatible with the optional laser alignment aid, which enables precise mounting and reduces startup times. SLD “Select” models also have a manual start/restart interlock feature and can perform external device monitoring (EDM).

SLD Universal models consist of a 2- or 3-beam transmitter/receiver unit and a passive reflector unit without an electrical connection, which requires less cabling. Universal SLD light grids support a range of 0.5 – 8m, feature an LED display, multi-scan technology, automatic start, manual start/restart interlock and EDM.





Press Release

SLD Series light grids are sold with a wide range of accessories that can enhance installation and performance, including: mounting brackets, support clips, reflector columns, device columns, laser-alignment, and muting accessories.

SLD Series devices are approved for monitoring and control of machines in safety applications in accordance with category 4, PLe (EN13849-1) and SIL3 (EN626061) standards.

For more information about Wieland Electric's SLD Series safety light grids, please visit <https://eshop.wieland-electric.com/categorie/en/safety-technology--safety-safe-signal-acquisition-sensorpro-safety-light-device-sld-1000006241>. For all other inquiries about Wieland Electric and its machine safety products, please visit www.wieland-safety.com or call 1-800-WIELAND (1-800-943-5263).

About Wieland

Wieland Electric Inc., founded in 1910, is a leading global manufacturer of electrical interconnect technology products. Headquartered in Germany with a North American Operations Center and subsidiaries throughout the world, Wieland Electric has 2200 employees in more than 70 countries to service worldwide customers. Wieland provides solutions to the industrial & building automation, wind, solar, HVAC, and power generation markets. Local inventory, value-added services and technical resources at the North American Operations Center support a national sales and distribution channel. Wieland is ISO 9001 certified.

