

# EZ-SCREEN® LS Safety Light Curtain



## Important Information

For complete technical information about this product, including installation instructions, application requirements and guidelines, technical specifications, and accessories, go to [www.bannerengineering.com](http://www.bannerengineering.com) and search for the instruction manual, p/n 179480

Table 1: EZ-SCREEN LS Model Key

Product Family	Cascadable	System Type	Resolution	-	Defined Area	Termination
Options: <b>SLL</b>	Options: <b>Blank</b> = No <b>C</b> = Yes	Options: <b>E</b> = Emitter only <b>R</b> = Receiver only <b>P</b> = Pair (Emitter and Receiver)	Options: <b>14</b> = 14 mm <b>23</b> = 23 mm <b>40</b> = 40 mm	-	Options: <b>280</b> = 280 mm * <b>350</b> = 350 mm <b>420</b> = 420 mm <b>490</b> = 490 mm <b>560</b> = 560 mm <b>630</b> = 630 mm <b>700</b> = 700 mm <b>770</b> = 770 mm <b>840</b> = 840 mm <b>910</b> = 910 mm <b>980</b> = 980 mm <b>1050</b> = 1050 mm <b>1120</b> = 1120 mm <b>1190</b> = 1190 mm <b>1260</b> = 1260 mm <b>1330</b> = 1330 mm <b>1400</b> = 1400 mm <b>1470</b> = 1470 mm <b>1540</b> = 1540 mm <b>1610</b> = 1610 mm <b>1680</b> = 1680 mm <b>1750</b> = 1750 mm <b>1820</b> = 1820 mm <b>1960L</b> = 1960 mm** <b>2100L</b> = 2100 mm** <b>2380L</b> = 2380 mm**	Options: <b>Blank</b> = no pigtail, RD connection (for middle/end units in cascade, or with RDLS-8..D cordset); includes standard brackets <b>P5</b> = 300 mm pigtail, 5-Pin M12 QD (individual Emitter or Receiver models); includes standard brackets <b>P55</b> = 300 mm pigtail, 5-Pin M12 QD (paired models); includes standard brackets <b>P8</b> = 300 mm pigtail, 8-Pin M12 QD (individual Emitter or Receiver models); includes standard brackets <b>P88</b> = 300 mm pigtail, 8-Pin M12 QD (paired models); includes standard brackets <b>-S</b> = no pigtail, RD connection (individual Emitter or Receiver only); brackets ordered separately
<b>Example: SLLCP23-1470P88</b>						
* 280 mm defined area not available on cascade systems.						
**1960 mm, 2100 mm, and 2380 mm defined area only available in 23 mm resolution non-cascade systems. Contact Banner Engineering for additional model availability.						

## Banner Engineering Corp. Limited Warranty

Banner Engineering Corp. warrants its products to be free from defects in material and workmanship for one year following the date of shipment. Banner Engineering Corp. will repair or replace, free of charge, any product of its manufacture which, at the time it is returned to the factory, is found to have been defective during the warranty period. This warranty does not cover damage or liability for misuse, abuse, or the improper application or installation of the Banner product.

**THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER EXPRESS OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), AND WHETHER ARISING UNDER COURSE OF PERFORMANCE, COURSE OF DEALING OR TRADE USAGE.**

This Warranty is exclusive and limited to repair or, at the discretion of Banner Engineering Corp., replacement. **IN NO EVENT SHALL BANNER ENGINEERING CORP. BE LIABLE TO BUYER OR ANY OTHER PERSON OR ENTITY FOR ANY EXTRA COSTS, EXPENSES, LOSSES, LOSS OF PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM ANY PRODUCT DEFECT OR FROM THE USE OR INABILITY TO USE THE PRODUCT, WHETHER ARISING IN CONTRACT OR WARRANTY, STATUTE, TORT, STRICT LIABILITY, NEGLIGENCE, OR OTHERWISE.**

Banner Engineering Corp. reserves the right to change, modify or improve the design of the product without assuming any obligations or liabilities relating to any product previously manufactured by Banner Engineering Corp. Any misuse, abuse, or improper application or installation of this product or use of the product for personal protection applications when the product is identified as not intended for such purposes will void the product warranty. Any modifications to this product without prior express approval by Banner Engineering Corp will void the product warranties. All specifications published in this document are subject to change; Banner reserves the right to modify product specifications or update documentation at any time. Specifications and product information in English supersede that which is provided in any other language. For the most recent version of any documentation, refer to: [www.bannerengineering.com](http://www.bannerengineering.com).

For patent information, see [www.bannerengineering.com/patents](http://www.bannerengineering.com/patents).

## Contact Us

Banner Engineering Corp. headquarters is located at:  
9714 Tenth Avenue North  
Minneapolis, MN 55441, USA  
Phone: + 1 888 373 6767

For worldwide locations and local representatives, visit [www.bannerengineering.com](http://www.bannerengineering.com).

## Responsibilities of Qualified Personnel

To access the EZ-SCREEN LS Safety Light Curtain instruction manual (p/n 179480):

- Go to [www.bannerengineering.com](http://www.bannerengineering.com) to download the manual in the language you require; or
- Call Banner at 1-888-373-6767 or call your local Banner Representative to request a manual



**WARNING:**

It is the responsibility of the Qualified Personnel to:

- Carefully read, understand, and follow the information in the EZ-SCREEN LS instruction manual
- Perform a risk assessment of the specific machine guarding application
- Determine what risk reduction measures are appropriate per the results of the risk assessment
- Properly install, configure, and then verify that the risk reduction measures are working as intended
- Periodically re-verify, as needed, that the risk reduction measures are working as intended

**Failure to follow any of these responsibilities may potentially create a dangerous condition that could lead to serious injury or death.**

Pour accéder au manuel d'utilisation EZ-SCREEN LS Safety Light Curtain (réf. 179480):

- Rendez-vous sur le site [www.bannerengineering.com](http://www.bannerengineering.com) pour télécharger le manuel dans la langue de votre choix, ou
- Contactez Banner au 1-888-373-6767 ou appelez votre représentant Banner local pour demander le manuel.

**WARNING:**

Il incombe au personnel qualifié de:

- Lire avec attention, bien comprendre et suivre les instructions du manuel du système EZ-SCREEN LS
- Effectuer une évaluation des risques de l'application de protection spécifique à la machine
- Identifier les mesures de limitation du risque appropriées en fonction des résultats de l'étude de risques
- Installer et configurer correctement le ou les dispositifs de protection destinés à limiter le risque puis vérifier qu'ils fonctionnent de la façon prévue
- Révérer périodiquement, s'il y a lieu, que ces dispositifs de protection fonctionnent toujours comme il se doit

**Le non-respect de l'une de ces responsabilités peut potentiellement créer une condition dangereuse pouvant entraîner des blessures graves, voire mortelles.**

So beziehen Sie die Bedienungsanleitung für den EZ-SCREEN LS Safety Light Curtain (Ident-Nr. 179480):

- Laden Sie die Anleitung in der gewünschten Sprache von unserer Website ([www.bannerengineering.com](http://www.bannerengineering.com)) herunter oder
- fordern Sie die Anleitung telefonisch bei der Banner-Hotline unter der Rufnummer +1-888-373-6767 oder bei einer Banner-Vertretung in Ihrer Nähe an.

**WARNING:**

Es liegt in der Verantwortung des qualifizierten Personals,

- Die Informationen in der Anleitung für den EZ-SCREEN LS gründlich durchzulesen, zu verstehen und zu befolgen
- Eine Risikobeurteilung der spezifischen Maschinenschutzanwendung durchzuführen
- Ermitteln, welche Maßnahmen zur Risikominderung aufgrund der Ergebnisse der Risikobeurteilung angemessen sind
- Das gesamte Schutzsystem fachgerecht installieren, konfigurieren und anschließend auf die bestimmungsgemäße Funktion überprüfen
- Je nach Bedarf regelmäßig nachprüfen, ob die Maßnahmen zur Risikominderung wie beabsichtigt funktionieren

**Die Nichtbeachtung einer dieser Verantwortlichkeiten kann zu gefährlichen Zuständen führen, die zu schweren oder tödlichen Verletzungen führen können.**

Per accedere al manuale di istruzioni dello EZ-SCREEN LS Safety Light Curtain (codice 179480):

- Andare al sito [www.bannerengineering.com](http://www.bannerengineering.com) per scaricare il manuale nella lingua desiderata; oppure
- Contattare Banner al numero telefonico 1-888-373-6767 oppure il rappresentante Banner locale per richiedere un manuale

**WARNING:**

È responsabilità della Personale Qualificato:

- Leggere attentamente, assicurarsi di avere compreso e seguire le indicazioni riportate nel manuale di istruzioni del EZ-SCREEN LS
- Eseguire una valutazione dei rischi dell'applicazione di protezione della macchina specifica
- Determinare quali misure di riduzione del rischio sono appropriate in base ai risultati della valutazione del rischio
- Installare e configurare correttamente il sistema, quindi verificare che le misure di riduzione del rischio assicurino i risultati previsti
- Ricontrollare periodicamente, in base alla necessità, che tali misure di riduzione del rischi continuino ad assicurare i risultati previsti

**La mancata osservanza di una qualsiasi di queste responsabilità può potenzialmente creare una condizione pericolosa che potrebbe causare lesioni gravi o mortali.**

Para obtener el manual de instrucciones del EZ-SCREEN LS Safety Light Curtain (p/n 179480):

- Visite [www.bannerengineering.com](http://www.bannerengineering.com) para descargar el manual en el idioma que necesite; o
- Llame a Banner al 1-888-373-6767 o llame a su representante local de Banner para solicitar un manual

**WARNING:**

Es responsabilidad del personal calificado:

- Leer con atención, entender y seguir la información en el manual de instrucciones de la EZ-SCREEN LS
- Realizar una evaluación de riesgos que incluya la aplicación de protección de la máquina específica
- Determinar qué medidas de reducción de riesgos son apropiadas según los resultados de la evaluación de riesgos
- Instale, configure y luego verifique correctamente que las medidas de reducción de riesgos funcionan según lo previsto
- Vuelva a verificar periódicamente, según sea necesario, que las medidas de reducción de riesgos funcionan según lo previsto

**El incumplimiento de cualquiera de estas responsabilidades puede crear potencialmente una condición peligrosa que podría provocar lesiones graves o la muerte.**