

# 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:<br><b>SLL</b>                                                                                                                                             | Options:<br><b>Blank</b> = No<br><b>C</b> = Yes | Options:<br><b>E</b> = Emitter only<br><b>R</b> = Receiver only<br><b>P</b> = Pair (Emitter and Receiver) | Options:<br><b>14</b> = 14 mm<br><b>23</b> = 23 mm<br><b>40</b> = 40 mm | - | Options:<br><b>280</b> = 280 mm *<br><b>350</b> = 350 mm<br><b>420</b> = 420 mm<br><b>490</b> = 490 mm<br><b>560</b> = 560 mm<br><b>630</b> = 630 mm<br><b>700</b> = 700 mm<br><b>770</b> = 770 mm<br><b>840</b> = 840 mm<br><b>910</b> = 910 mm<br><b>980</b> = 980 mm<br><b>1050</b> = 1050 mm<br><b>1120</b> = 1120 mm<br><b>1190</b> = 1190 mm<br><b>1260</b> = 1260 mm<br><b>1330</b> = 1330 mm<br><b>1400</b> = 1400 mm<br><b>1470</b> = 1470 mm<br><b>1540</b> = 1540 mm<br><b>1610</b> = 1610 mm<br><b>1680</b> = 1680 mm<br><b>1750</b> = 1750 mm<br><b>1820</b> = 1820 mm<br><b>1960L</b> = 1960 mm**<br><b>2100L</b> = 2100 mm**<br><b>2380L</b> = 2380 mm** | Options:<br><b>Blank</b> = no pigtail, RD connection (for middle/end units in cascade, or with RDLS-8..D cordset); includes standard brackets<br><b>P5</b> = 300 mm pigtail, 5-Pin M12 QD (individual Emitter or Receiver models); includes standard brackets<br><b>P55</b> = 300 mm pigtail, 5-Pin M12 QD (paired models); includes standard brackets<br><b>P8</b> = 300 mm pigtail, 8-Pin M12 QD (individual Emitter or Receiver models); includes standard brackets<br><b>P88</b> = 300 mm pigtail, 8-Pin M12 QD (paired models); includes standard brackets<br><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. |                                                 |                                                                                                           |                                                                         |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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

## Contact Us

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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.**

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