

## Important Info

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 230287, the *S4B Instruction Manual*.

This package should contain the following items:

- S4B Safety Light Curtain Datasheet, p/n 228994 (this sheet), quantity 1
- Appropriate S4B emitter or receiver, quantity 1
- SLC Important Safety Information Label (multi-language), quantity 1 with the receiver

The following items may be needed for the installation:

Item	Quantity or Amount
Mating S4B emitter or receiver	1
Mounting brackets	See the Accessories section of S4B Instruction Manual for options
Removable disconnect to quick-disconnect 0.3 m cordset	See Accessories section of S4B Instruction Manual for options
MQDC1-5xx or MQDC1-8xx cordset (or DEE2R-5xxD or DEE2R-8xxD for a double-ended quick disconnect cable)	Appropriate length for the application, see Accessories section of S4B Instruction Manual for options
STP-13, 14 mm test piece or STP-14, 30 mm test piece	1

## 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.

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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 S4B Safety Light Curtain instruction manual (p/n 230287):

- 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 S4B 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 S4B Safety Light Curtain (réf. 230287) :

- 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 S4B
- 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
- Revérifier 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 S4B Safety Light Curtain (Ident-Nr. 230287):

- 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 S4B 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 S4B Safety Light Curtain (codice 230287):

- 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 S4B
- 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 rischio 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 S4B Safety Light Curtain (p/n 230287):

- 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 S4B
- 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.**

자격을 갖춘 직원의 책임 S4B Safety Light Curtain 사용 설명서(부품 번호 230287)에 액세스하려면:

- [www.bannerengineering.com](http://www.bannerengineering.com)으로 이동하여 필요한 언어의 설명서를 다운로드하거나,
- 1-888-373-6767번으로 Banner에 전화하거나 현지 Banner 대리점에 전화하여 설명서를 요청하십시오



**WARNING:**

자격을 갖춘 직원에게는 다음과 같은 책임이 있습니다.

- S4B 사용 설명서의 정보를 자세히 읽고 이해한 후 따라야 합니다
- 특정 기계 보호 용도의 위험 평가를 수행해야 합니다
- 위험 평가 결과에 따라 적절한 위험 완화 조치를 결정해야 합니다
- 위험 완화 조치를 올바르게 설치, 구성한 다음 의도한 대로 작동하는지 확인해야 합니다
- 필요에 따라 위험 완화 조치가 의도한 대로 작동하는지 주기적으로 재확인해야 합니다

**이러한 책임을 하나라도 지키지 않으면 심각한 부상 또는 사망을 초래하는 위험한 상황이 발생할 수 있습니다.**

合格人员应尽的责任 访问 S4B Safety Light Curtain 使用说明书 (编号 230287) :

- 访问 [www.bannerengineering.com](http://www.bannerengineering.com) 下载相应语言版本的手册; 或
- 致电 1-888-373-6767 或联系当地的邦纳代表索取手册。



**WARNING:**

合格人员有责任做到以下几点 :

- 仔细阅读、理解并遵守 S4B 使用说明书中的信息
- 对特定的机器防护应用进行风险评估
- 根据风险评估结果确定哪些风险纾解措施得当
- 正确安装、配置并核实风险纾解措施是否达到预期效果
- 根据需要定期重新核实风险纾解措施是否达到预期效果

**如不履行这些责任, 可能会出现危险状况而导致严重伤亡。**

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 Original Instructions  
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