

## OPTIONS

### Front protection cover (Except for SF4B-□G) / Protection bar set (Except for SF4B-□G) / Corner mirror

Applicable beam channels			Designation	Front protection cover	Protection bar set	Rear / side protection bar set	Corner mirror	
Finger	Hand	Arm / Foot		Model No.	Model No.	Model No.	Model No.	Effective reflective surface
23	12	6		FC-SFBH-12	MC-SFBH-12	MC-SFBH-12-T	RF-SFBH-12	236 × 72 mm 9.291 × 2.835 in
31	16	8		FC-SFBH-16	MC-SFBH-16	MC-SFBH-16-T	RF-SFBH-16	316 × 72 mm 12.441 × 2.835 in
39	20	10		FC-SFBH-20	MC-SFBH-20	MC-SFBH-20-T	RF-SFBH-20	396 × 72 mm 15.591 × 2.835 in
47	24	12		FC-SFBH-24	MC-SFBH-24	MC-SFBH-24-T	RF-SFBH-24	476 × 72 mm 18.740 × 2.835 in
55	28	14		FC-SFBH-28	MC-SFBH-28	MC-SFBH-28-T	RF-SFBH-28	556 × 72 mm 21.890 × 2.835 in
63	32	16		FC-SFBH-32	MC-SFBH-32	MC-SFBH-32-T	RF-SFBH-32	636 × 72 mm 25.039 × 2.835 in
71	36	18		FC-SFBH-36	MC-SFBH-36	MC-SFBH-36-T	RF-SFBH-36	716 × 72 mm 28.189 × 2.835 in
79	40	20		FC-SFBH-40	MC-SFBH-40	MC-SFBH-40-T	RF-SFBH-40	796 × 72 mm 31.339 × 2.835 in
95	48	24		FC-SFBH-48	MC-SFBH-48	MC-SFBH-48-T	RF-SFBH-48	956 × 72 mm 37.638 × 2.835 in
111	56	28		FC-SFBH-56	MC-SFBH-56	MC-SFBH-56-T	RF-SFBH-56	1,116 × 72 mm 43.937 × 2.835 in
127	64	32		FC-SFBH-64	MC-SFBH-64	MC-SFBH-64-T	RF-SFBH-64	1,276 × 72 mm 50.236 × 2.835 in
—	72	36		FC-SFBH-72	MC-SFBH-72	MC-SFBH-72-T	RF-SFBH-72	1,436 × 72 mm 56.535 × 2.835 in
—	80	40		FC-SFBH-80	MC-SFBH-80	MC-SFBH-80-T	RF-SFBH-80	1,596 × 72 mm 62.835 × 2.835 in
—	88	44		FC-SFBH-88	MC-SFBH-88	MC-SFBH-88-T	RF-SFBH-88	1,756 × 72 mm 69.134 × 2.835 in
—	96	48		FC-SFBH-96	MC-SFBH-96	MC-SFBH-96-T	RF-SFBH-96	1,916 × 72 mm 75.433 × 2.835 in

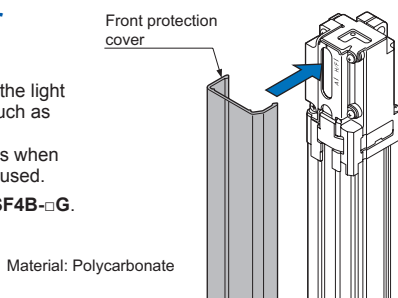
Note: The model Nos. given above denote a single unit, not a pair of units. 2 units are required for use in mounting to the emitter / receiver. (Except for corner mirror)

#### Front protection cover

##### • FC-SFBH-□

Protects sensing surface of the light curtain from flying objects such as welding spatter.  
The operating range reduces when the front protection cover is used.

Note: It is not available for SF4B-□G.



#### Sensing range

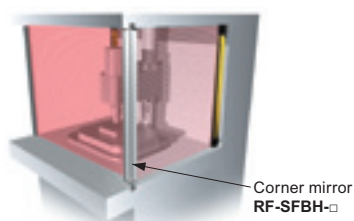
	SF4B-F□	SF4B-H□		SF4B-A□	
		12 to 64 beam channels type	72 to 96 beam channels type	6 to 32 beam channels type	36 to 48 beam channels type
Only emitter installed	0.3 to 6 m 0.984 to 19.685 ft	0.3 to 7.5 m 0.984 to 24.606 ft	0.3 to 6 m 0.984 to 19.685 ft	0.3 to 7.5 m 0.984 to 24.606 ft	0.3 to 6 m 0.984 to 19.685 ft
Only receiver installed	0.3 to 6 m 0.984 to 19.685 ft	0.3 to 7.5 m 0.984 to 24.606 ft	0.3 to 6 m 0.984 to 19.685 ft	0.3 to 7.5 m 0.984 to 24.606 ft	0.3 to 6 m 0.984 to 19.685 ft
Both emitter and receiver installed	0.3 to 5.5 m 0.984 to 18.045 ft	0.3 to 7 m 0.984 to 22.966 ft	0.3 to 5.5 m 0.984 to 18.045 ft	0.3 to 7 m 0.984 to 22.966 ft	0.3 to 5.5 m 0.984 to 18.045 ft

Note: The operating range is the possible setting distance between the emitter and the receiver.

#### Corner mirror

##### • RF-SFBH-□

Normally for L-shaped or U-shaped installation, 2 or 3 sets of light curtains are needed. With the use of a corner mirror reflecting the light, one set of light curtain is possible for L-shaped or U-shaped installation.



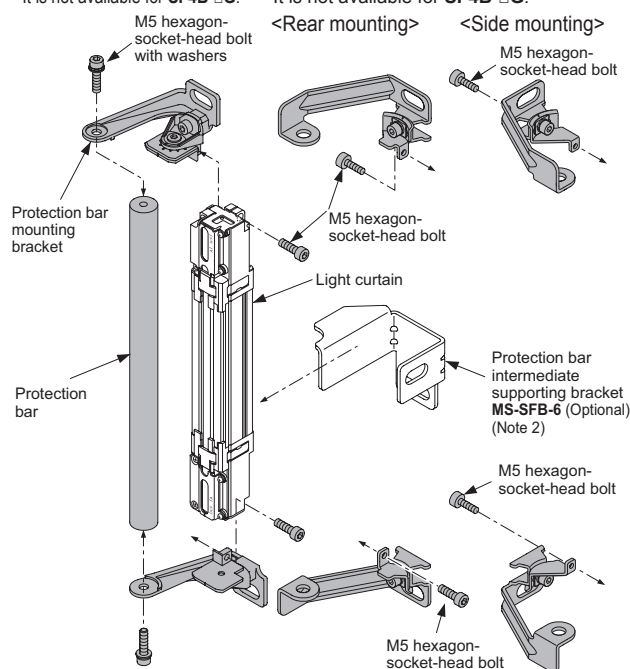
#### Percent decline of the sensing range

With 1 mirror	Declined to 90 %
With 2 mirrors	Declined to 80 %

#### Protection bar set

##### • MC-SFBH-□

\* It is not available for SF4B-□G.



#### Rear / side protection bar set

##### • MC-SFBH-□-T

\* It is not available for SF4B-□G.

<Rear mounting> <Side mounting>

#### • Parts List

Designation	MC-SFBH-□		MC-SFBH-□-T	
	Number	Remarks	Number	Remarks
Protection bar	1 pc.	Material: Aluminum	1 pc.	Material: Aluminum
Protection bar mounting bracket (For left side, for right side)	1 pc. each	Material: Die-cast zinc alloy	1 pc. each (Note 1)	Material: Iron (Trivalent chrome plated)
Hexagon-socket-head bolt with washers	2 pcs.	M5 (length: 20 mm 0.787 in)	2 pcs.	M5 (length: 20 mm 0.787 in)
Hexagon-socket-head bolt	2 pcs.	M5 (length: 16 mm 0.630 in)	2 pcs.	M5 (length: 18 mm 0.709 in)
Protection bar intermediate supporting bracket MS-SFB-6 (Optional) (Note 2)	1 pc.	Material: Iron (Trivalent chrome plated)	1 pc.	Material: Iron (Trivalent chrome plated)

Notes: 1) Available as a spare part. Model No.: MS-MCSFB-1-T

2) The protection bar intermediate supporting bracket MS-SFB-6 (optional) is installed to protection bars that are longer than the MC-SFBH-48(-T). Use if there is much flexure bending in the protection bar. Please contact our office for details.