



Got questions on using corner mirrors for SF-4D Safety Light Curtains?
Contact the experts at Ramco today!

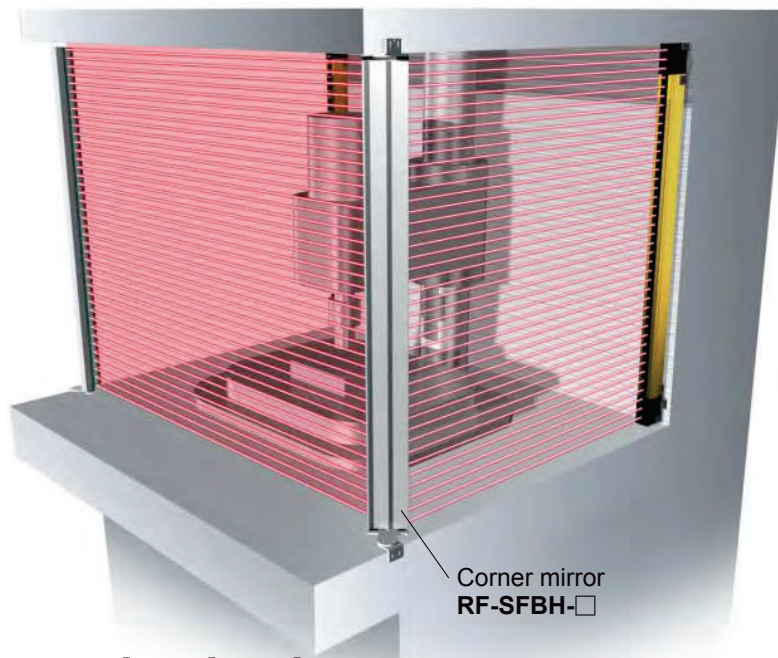
NEW

Corner Mirror for Light Curtain

RF-SFBH_{SERIES}

Less work and less wiring gives greater safety at a lower cost!

New corner mirrors for the **SF4B / SF2B** series of light curtains



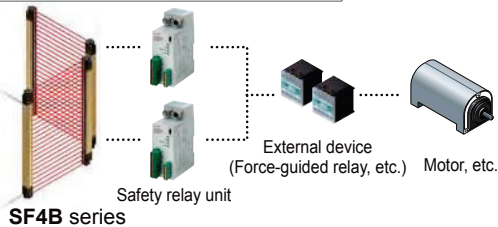
Side cover
Anti-scatter film (underside)

Corner mirror
RF-SFBH-□

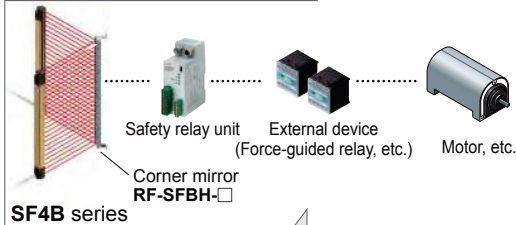
A large reduction in cost

A single corner mirror makes it possible to eliminate one light curtain set and its associated peripheral safety circuits. This enables costs to be greatly reduced, and also eliminates wiring needs. Control categories also remain unchanged.

When a corner mirror is not used



When a corner mirror is used



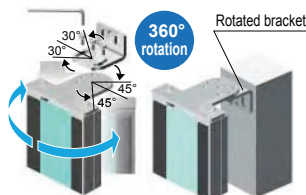
When one corner mirror is used

Light curtain purchasing costs
Safety relay unit purchasing costs
Wiring man-hours

COST..... $\frac{1}{2}$

Corner mirrors can be installed in any way required

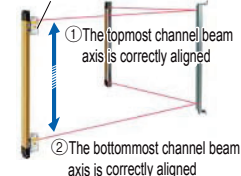
Mounting brackets can be rotated 360° so that angle adjustment is very easy to do. In addition, the brackets can also be rotated vertically when installed.




Beam axis alignment before turning on the power is supported

The SF-LAT-2N beam axis alignment tool (optional) can be used to carry out remote setup for the light curtain, and the easy-to-see laser spot light that it uses makes beam axis adjustment very simple to carry out. In addition, because it operates on battery power, adjustment can be carried out before the power for the light curtain is turned on.

Laser alignment tool
SF-LAT-2N



ORDER GUIDE

Type	Appearance	Model No.	Dimensions of effective reflective surface	Applicable light curtain				
				SF4B series (Type4)			SF2B series (Type2)	
				Finger protection type	Hand protection type	Arm / Foot protection type	Hand protection type	Arm / Foot protection type
Corner mirror for light curtain		RF-SFBH-8	173×72 mm 6.811×2.835 in	-	-	-	SF2B-H8 (SL) (-□)	SF2B-A4 (SL) (-□)
		RF-SFBH-12	236×72 mm 9.291×2.835 in	SF4B-F23 (-01)	SF4B-H12 (-01)	SF4B-A6 (-01)	SF2B-H12 (SL) (-□)	SF2B-A6 (SL) (-□)
		RF-SFBH-16	316×72 mm 12.441×2.835 in	SF4B-F31 (-01)	SF4B-H16 (-01)	SF4B-A8 (-01)	SF2B-H16 (SL) (-□)	SF2B-A8 (SL) (-□)
		RF-SFBH-20	396×72 mm 15.591×2.835 in	SF4B-F39 (-01)	SF4B-H20 (-01)	SF4B-A10 (-01)	SF2B-H20 (SL) (-□)	SF2B-A10 (SL) (-□)
		RF-SFBH-24	476×72 mm 18.740×2.835 in	SF4B-F47 (-01)	SF4B-H24 (-01)	SF4B-A12 (-01)	SF2B-H24 (SL) (-□)	SF2B-A12 (SL) (-□)
		RF-SFBH-28	556×72 mm 21.890×2.835 in	SF4B-F55 (-01)	SF4B-H28 (-01)	SF4B-A14 (-01)	SF2B-H28 (SL) (-□)	SF2B-A14 (SL) (-□)
		RF-SFBH-32	636×72 mm 25.039×2.835 in	SF4B-F63 (-01)	SF4B-H32 (-01)	SF4B-A16 (-01)	SF2B-H32 (SL) (-□)	SF2B-A16 (SL) (-□)
		RF-SFBH-36	716×72 mm 28.189×2.835 in	SF4B-F71 (-01)	SF4B-H36 (-01)	SF4B-A18 (-01)	SF2B-H36 (SL) (-□)	SF2B-A18 (SL) (-□)
		RF-SFBH-40	796×72 mm 31.339×2.835 in	SF4B-F79 (-01)	SF4B-H40 (-01)	SF4B-A20 (-01)	SF2B-H40 (SL) (-□)	SF2B-A20 (SL) (-□)
		RF-SFBH-48	956×72 mm 37.638×2.835 in	SF4B-F95 (-01)	SF4B-H48 (-01)	SF4B-A24 (-01)	SF2B-H48 (SL) (-□)	SF2B-A24 (SL) (-□)
		RF-SFBH-56	1,116×72 mm 43.937×2.835 in	SF4B-F111 (-01)	SF4B-H56 (-01)	SF4B-A28 (-01)	SF2B-H56 (SL) (-□)	SF2B-A28 (SL) (-□)
		RF-SFBH-64	1,276×72 mm 50.236×2.835 in	SF4B-F127 (-01)	SF4B-H64 (-01)	SF4B-A32 (-01)	SF2B-H64 (SL) (-□)	SF2B-A32 (SL) (-□)
		RF-SFBH-72	1,436×72 mm 56.535×2.835 in	-	SF4B-H72 (-01)	SF4B-A36 (-01)	SF2B-H72 (SL) (-□)	SF2B-A36 (SL) (-□)
		RF-SFBH-80	1,596×72 mm 62.835×2.835 in	-	SF4B-H80 (-01)	SF4B-A40 (-01)	SF2B-H80 (SL) (-□)	SF2B-A40 (SL) (-□)
		RF-SFBH-88	1,756×72 mm 69.134×2.835 in	-	SF4B-H88 (-01)	SF4B-A44 (-01)	SF2B-H88 (SL) (-□)	SF2B-A44 (SL) (-□)
		RF-SFBH-96	1,916×72 mm 75.433×2.835 in	-	SF4B-H96 (-01)	SF4B-A48 (-01)	SF2B-H96 (SL) (-□)	SF2B-A48 (SL) (-□)

SPECIFICATIONS

Type	Corner mirror
Item	Model No. RF-SFBH-□
Attenuation rate of sensing range	With one mirror: 90 %, With two mirrors: 80 % (When used in combination with the SF4B / SF2B series)
Ambient temperature	~10 to +55 °C +14 to +131 °F (No dew condensation or icing allowed), Storage: ~25 to +70 °C ~13 to +158 °F
Ambient humidity	30 to 85 % RH, Storage: 30 to 95 % RH
Vibration resistance	10 to 55 Hz frequency, 0.75 mm 2.953 in amplitude in X, Y and Z directions for 2 hours each
Shock resistance	300 m/s ² acceleration (30 G approx.) in X, Y and Z directions for 3 times each
Material	Enclosure: Aluminium, Mounting bracket: Stainless Steel Mirror (rear surface mirror): Glass, Side cover: EPDM
Accessories	Intermediate supporting bracket RF-SFBH-40/48/56/64: 1 set RF-SFBH-72/80/88/96: 2 sets

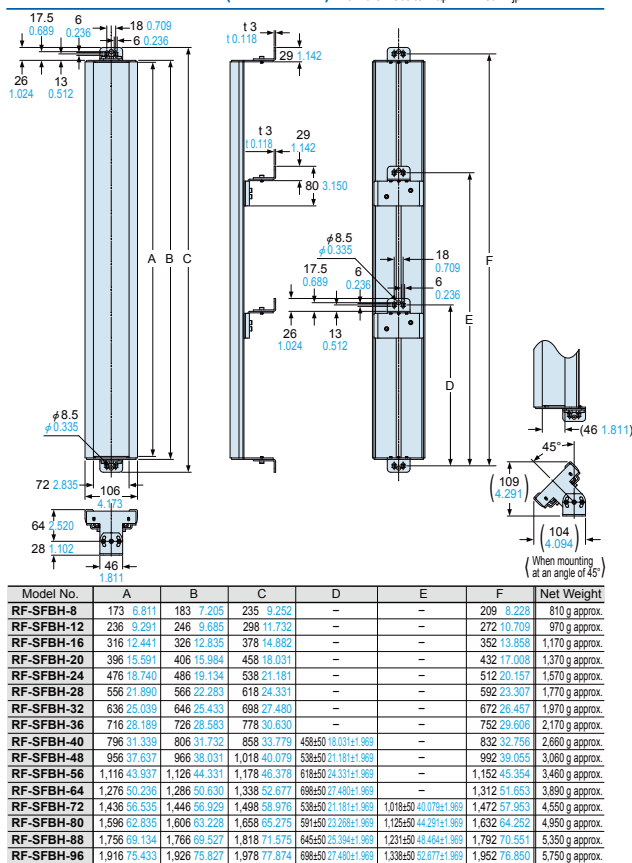
PRECAUTIONS FOR PROPER USE



- Be sure to carry out maintenance while referring to the instruction manual for the SF4B / SF2B series of light curtains.
- Do not use if dirt, water, or oil, etc. is attached to the reflective surface of this product. Appropriate sensing range may not be maintained due to diffusion of refraction.
- Make sure that you have read the instruction manual for the corner mirror thoroughly before setting up the corner mirrors and light curtains, and follow the instructions given. If the equipment is not set up correctly as stipulated in the instruction manual, incident light errors may result in unexpected situations which may result in serious injury or death.
- Instruction manual can be downloaded from the website: <http://www.sunx.jp/>
- The SF4B / SF2B series of light curtains cannot be used as retroreflective type when this corner mirror is used.
- The reflective surface part of this product is made of glass. Note that if it is broken, the glass shards may fly apart.

DIMENSIONS (Unit: mm in)

The CAD data in the dimensions can be downloaded from the website: <http://www.sunx.jp/>



All information is subject to change without prior notice.



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