



## MP/SP series mirror column

### MP/SP series mirror column features

The MPxxxx series columns provide strong safety protection for mirrors. MPxxxx series mirrors are used with SLC long-range light curtains. It can be used either as a multi-sided safety protection by using mirrored horizontal reflection or as a single-sided protection by using mirrored vertical reflection. Since only one pair of light curtains is required for the entire system, the installation and wiring is simple and particularly suitable for fenced-in protection.

The SPxxxx series of safety light curtain shields have a rigid housing that provides strong protection for all SLC light curtain models.

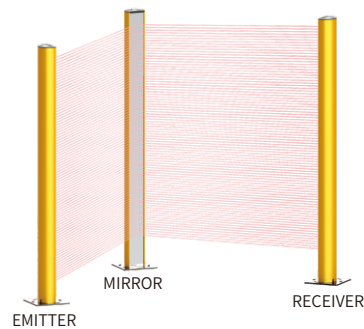
### Multi-side protected mirror columns

Multi-sided protective mirror columns are assembled from the shell, top cover, bottom plate, mirrors, glass support plate, fixed plate and can be selected at different heights. The mirror is mounted in a fixed position and the horizontal mounting angle can be adjusted through the base plate screw mounting holes. For a perpendicular to the ground-mounted paralleling light curtain, by adding one or two reflectors between the transmitting and receiving units and changing the direction of the light path in the horizontal direction, a two- or three-sided protection can be formed, as shown below. Only a pair of gratings is needed to achieve multi-sided protection, saving costs and making installation and wiring easier.

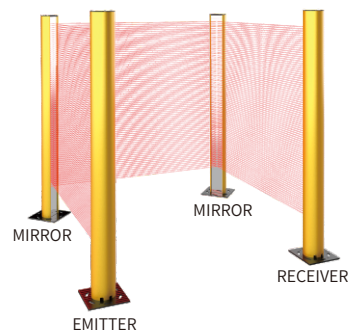
#### Protected range of multi-side protective mirrors in combination with SLC long-range safety light curtains

Two-sided protection	Three-sided protection
Total protection distance, L1+L2	Total protection distance, L1+L2+L3
38m	23m

#### Two-sided protection



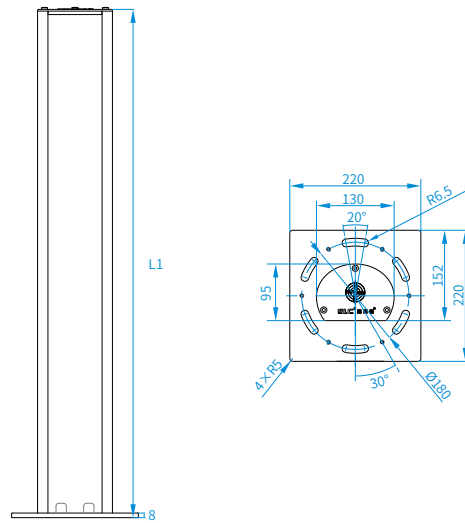
#### Three-sided protection



### Multi-sided protection mechanical parameters

Mechanical parameters		Model			
		MP1000B	MP1300B	MP1600B	MP1900B
Mirror width		92mm	92mm	92mm	92mm
Column height		1000mm	1300mm	1600mm	1900mm
Height	L1	1000mm	1300mm	1600mm	1688mm
Weight of the mirror column		6.6kg	8.3kg	10.6kg	12.5kg
Weight of the base		2.2kg	2.2kg	2.2kg	2.2kg
Order number		LT01322201000B	LT01322201300B	LT01322201600B	LT01322201900B

### Dimensional diagram of a multi-sided protective mirror column

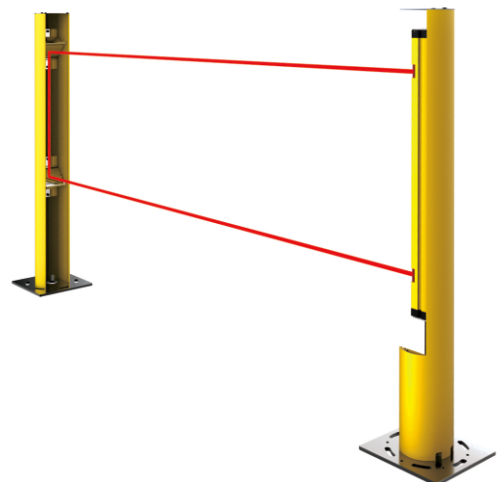


### Horizontal protective mirror columns

The horizontal protective mirror column acts in a flat plane, the transmitting and receiving ends are combined to form a complete light screen with the reflector. The horizontal protective mirror pillar consists of a combination of the mirror pillar housing, top and bottom cover and reflector assembly, where: the first point of the beam must be greater than or equal to 200mm above the ground.

SLC long-range light curtain used with 2 mirrors, which change the angle of light in the vertical direction. Protection distance parameter

Single-sided protection	
Spacing between two beams	Protected range
460mm	10m



※Optical pitch can be customized according to customer requirements

※Subject to product configuration and manufacturing process, the actual size and weight of the product may be different, please refer to the actual product

## Mechanical parameters

Mechanical parameters	
Model	MP1000A
Quantity of mirrors	1 side
Mirror width	80mm
Column height	1000mm
First beam height from the ground	400mm
Weight of the mirror column	4.1kg
Weight of the base	2.2kg
Order Number	LTO1322201000A

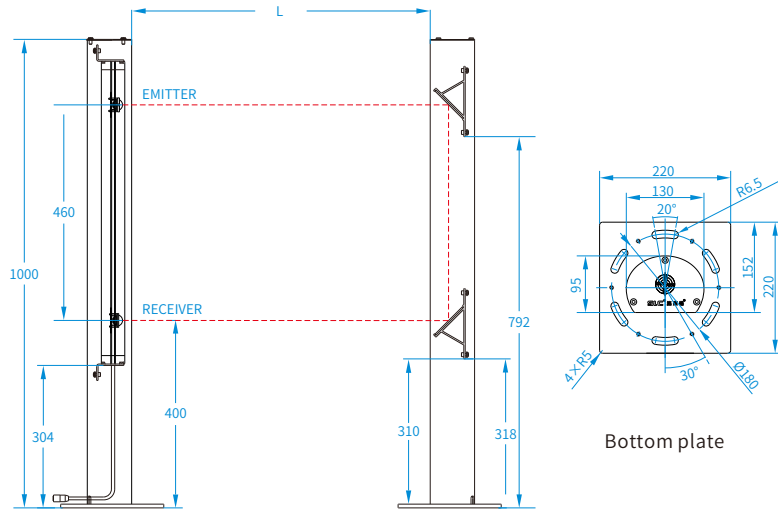


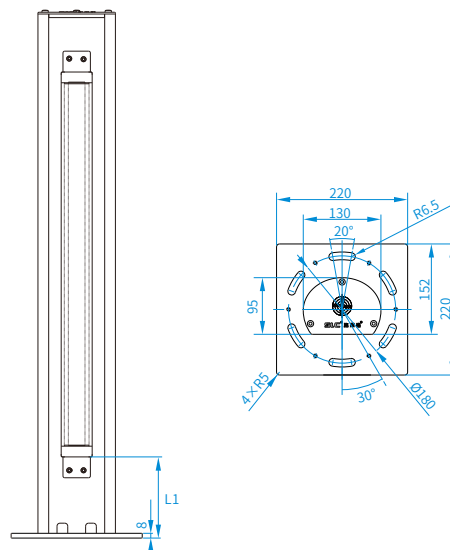
Diagram of mounting dimensions

## Light curtain mirror column

The mirrors of the horizontal protection columns are used in conjunction with long-range light curtains to form single-sided or multi-sided protective light curtains. It can also be used separately as a protective cover for a safety light curtain, consisting of an outer cover, a base, and a light curtain. The mounting parameters are changed according to the specifications of different types of mirror columns.

Technical parameters of light curtain mirror column				
Model	SP1000A	SP1300A	SP1600A	SP1900A
Light screen mounting height L1	304mm	137mm	137mm	137mm
Weight of the mirror column	4.1kg	6.6.kg	7.8kg	9kg
Weight of the base	2.2kg	2.2kg	2.2kg	2.2kg
Order Number	LTO1322201000A	LTO1322201300A	LTO1322201600A	LTO1322201900A

Note: Standard models in the table. Beam spacing can be customized according to customer requirements.



\*Affected by product configuration and manufacturing process, the actual product size, weight may be different, please refer to the actual product.