

The mirrors "SPV100 PLUS" for the realization of enclosure are **light, strong and unbreakable**.

These features gives the mirror "SPV100 PLUS" can be used in environments where the traditional one can not be used (example food processing).

The mirror is inserted into a V aluminium housing yellow coloured RAL1021 as forseen in the standards for all the safety components used in the industry.

It is normally supplied by including Orientable Support Brackets (SMO) for attachment (Fig.1 and Fig.3).

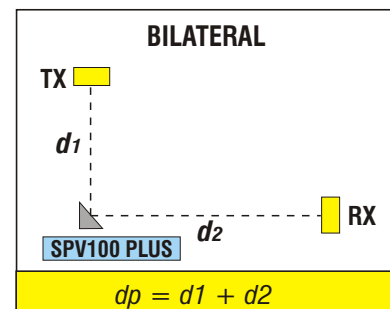
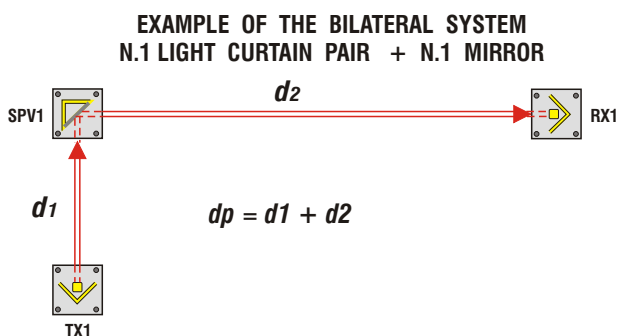
The SPV100 mirror used with its Orientable/movable Ground Base (BTO) is easier to install even allowing precise alignment. (Fig.2 and Fig.4)

The use of the mirror reduces the total distance between TX and RX as indicated in the paragraph ATTENUATION CALCULATIONS.

The mirror height is calculated when you order according to the lightguard model you order.

Anyway if you want to know effective height of the mirror (HU) you add 200mm to the protected height (HP) of the lightguard chosen if the mirror is required with fastening SMO (Orientable Support Brackets) or you add 360mm to the protected height (HP) if the mirror is required with the BTO (Orientable/movable Ground Base).

ATTENUATION CALCULATIONS (one mirror)



where dp = perimeter

ATTENUATION MIRROR 25%

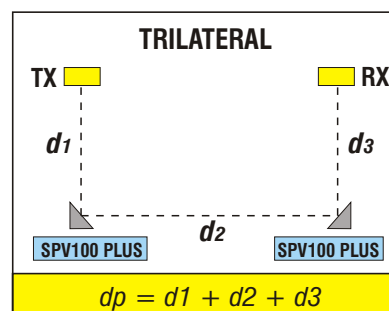
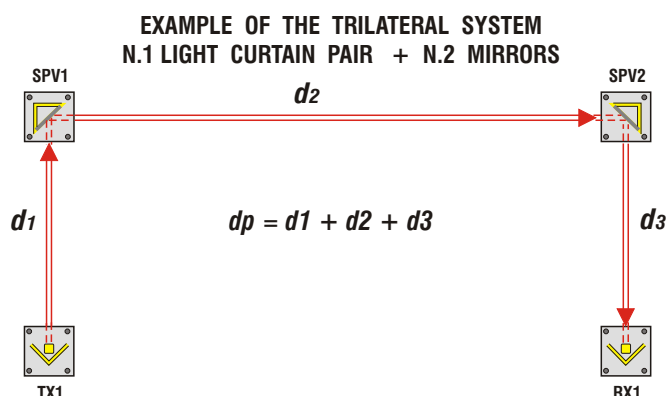
Perimetral max distance of the Light Curtain divides up model is :

NR = 6 meters - 25% = 4,5 meters

MR = 16 meters - 25% = 12,0 meters

HR = 30 meters - 25% = 22,5 meters

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where dp = perimeter

ATTENUATION MIRROR 45%

Perimetral max distance of the Light Curtain divides up model is :

NR = 6 meters - 45% = 3,3 meters

MR = 16 meters - 45% = 8,8 meters

HR = 30 meters - 45% = 16,5 meters

TECHNICAL FEATURES

Chemical Resistance

Following is a brief list of all chemical products that in contact with the mirror "**SPV100 PLUS**" may damage this.

You should not use the following chemical products :

- Benzene
- Carbone Tetrachloruro
- Etere
- Alcool Ethyl
- Esterstoluene
- Ketones
- Lacquer Thinners
- Methyl Alcool

Inflammability

The mirror "**SPV100 PLUS**" is combustibile.

They must also be observed with the material all the precautions taken to protect the wood and other fuels in flames and high temperatures.

Cleaning

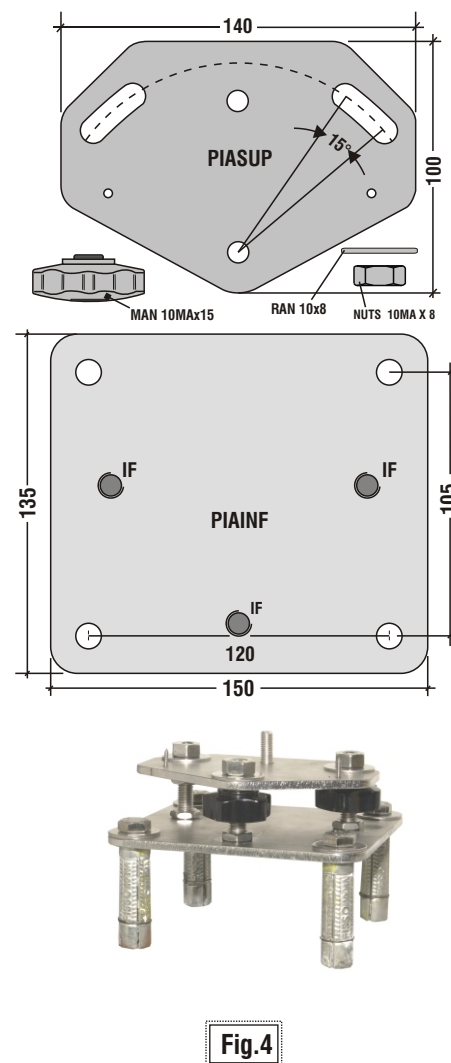
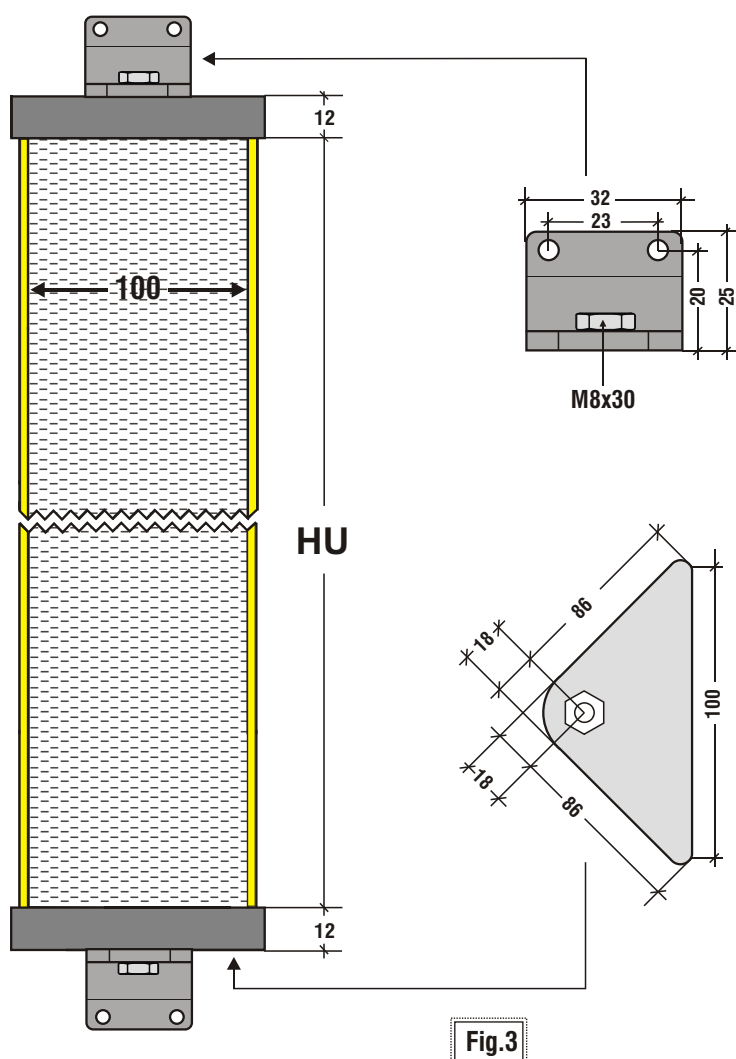
To clean the surface of the mirror "**SPV100 PLUS**", you should use a mild soap, water and a soft cloth using light pressure.

To remove grease, oil or tar residue on the material you need to use hexane, kerosene and naphtha.

We don't recommend the use of chemicals, no sprays too aggressive to the glasses.

Weight - Strenght

The mirror plate is very light. It weights less than half of the glass and has a resistance 14 times higher than the glass itself.



HOW TO ORDER

Product Code OPTIONS
 SPV100 PLUS -

HU
 height effective mirror

SMO
 BTO

PROTECTED HEIGHT LIGHT CURTAIN + 200mm if OPTION SMO
 PROTECTED HEIGHT LIGHT CURTAIN + 360mm if OPTION BTO

WARNING!!! When ordering always indicate the length of the perimeter sides (See ATTENUATION CALCULATIONS)