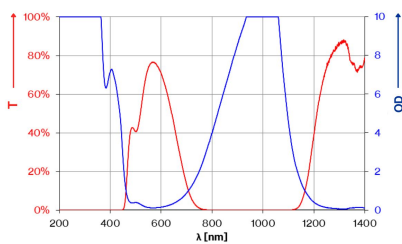


## Highlights

The laservision plastic laser safety window P1L23 (with a thickness of approx. 3mm) is a light green laser safety window. It is certified according to EN 60825-4. Due to the wide protection range in the near infrared and high optical densities (OD5+ from 855nm to 1090nm, as well as >1065-1075 OD7+), the window is suitable for high power diodes as well as for disk, Nd:YAG or fiber lasers. The light green laser safety window measures 200 x 100 mm and has a good color vision and daylight transmission (VLT) of approx. 50%. The maximum size is 3000 x 2000mm<sup>2</sup> and can be manufactured to customer specifications.

Articlenumber: 000P1L231001  
GTIN: 4050369084568  
Weight incl. packaging 0,08 kg  
Weight excl. packaging: 0,08 kg

## Filtercurve



Transmissions- und OD-Kurve //  
transmission and OD curve

|                          |                                |
|--------------------------|--------------------------------|
| COATING:                 | no coating                     |
| COLOUR:                  | light green                    |
| FILTER MATERIAL:         | Plastic                        |
| FILTER TECHNOLOGY:       | Absorption filter              |
| FILTER THICKNESS:        | ca. 3mm                        |
| PROTECTION CLASS / NORM: | EN 60825-4                     |
| PROTECTION RANGE:        | near infrared,<br>ultraviolett |
| VLT (APPROX.):           | 50%                            |
| VISUAL BRIGHTNESS:       | Very good                      |
| COLOUR RECOGNITION:      | Good                           |

## DIN EN 60825-4

855-1090nm | 63,7 kW/m<sup>2</sup> | T2 | t<sub>max</sub> = 105s

## OD

| WAVELENGTH (NM) | OD      |
|-----------------|---------|
| 180 - 360       | (OD10+) |
| >360 - 370      | (OD8+)  |
| >370 - 418      | (OD5+)  |
| 855 - <885      | (OD5+)  |
| 885 - <920      | (OD6+)  |
| 920 - <945      | (OD7+)  |
| 945 - <975      | (OD8+)  |
| 975 - 1045      | (OD10+) |
| >1045 - 1065    | (OD8+)  |
| >1065 - 1075    | (OD7+)  |
| >1075 - 1085    | (OD6+)  |
| >1085 - 1090    | (OD5+)  |