



Articlenumber: A0EP1P21V003
GTIN: 4050369081277
Weight incl. packaging 0,00 kg
Weight excl. packaging: 2,70 kg

Highlights

This active laser safety window kit with article number A0EP1P21003 offers an effective field of vision of 292 X 445 mm and consists as a sandwich structure of the laser safety window, the LaserSpy as a sensor and the required mounting material for the sensor. This active window is suitable for active protection against the High power Blue laser. Blue high-power lasers are gaining popularity due to their suitability for laser processing of gold, copper and bronze materials, e.g. in additive manufacturing, battery production and the manufacturing of power electronics.

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|---------------------------------|--|
| COATING: | no coating |
| COLOUR: | gold |
| FILTER MATERIAL: | Plastic |
| FILTER TECHNOLOGY: | Absorption filter, Active protection |
| FILTER THICKNESS: | ca. 10mm |
| PROPERTIES: | Active laser protection, Protection from blue high-power lasers |
| PROTECTION CLASS / NORM: | EN 60825-4 |
| VLT (APPROX.): | 50% |
| VISUAL BRIGHTNESS: | Good |
| COLOUR RECOGNITION: | Good |

DIN EN 60825-4

Test class T1

425-465 nm

d86min

1,9 mm

A86min

$2,83 \times 10^{-6} \text{ m}^2$

Protective Exposure limit (PEL)

$707 \times 10^6 \text{ W/m}^2$

Triggering time

max 40 ms

Test class T2

200-470 nm

Protection duration

105 s

Protective Exposure limit (PEL)

40,7 kW/m²

Optical Density (OD)

200-470 OD 10+