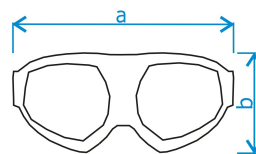


Laser safety eyewear, GLADIATOR Filter - 0155, frame color silver (suitable also for spectacles wearer)

Product information:

Item no.:	000-G0155-GLAD-20
Application:	Alexandrite (755 nm) Ti:Sapphire (800 nm) Diode (808 nm) Diode (940 nm) Yb:YAG/Scheibe (1030 nm) Nd:YAG (1064 nm) Faser (1060 – 1080 nm) Telecom (1320 nm) CO ₂ (10600 nm) , VLT (Visible light transmission): 45 %
Filter color:	turquoise
Frame color:	silver
Filter material:	mineral glass



a = 175 mm
b = 77 mm

Innenmaß:
Breite = 152 mm, Höhe = 64 mm
Inside dimension:
Width = 152 mm, Height = 64 mm

Laser safety goggles with turquoise mineral glass suitable for Ti:Sapphire (800 nm), Diode (808 nm), Diode (940 nm), Yb:YAG/Disc (1030 nm), Nd:YAG (1064 nm), Fiber (1060 - 1080 nm), Telecom (1320 nm) and CO₂ (10600 nm) Laser

Certified protection specifications for EN 207

Wavelengths

- 625-645
- >645-660
- >660-675
- >675-690
- >690-700
- >700-750
- >750-1200
- >1200-1240
- >1240-1285
- >1285-1340
- >1340-1400
- >1400-1480
- >1480-1590
- 9000-11000

Protection levels

DIRM LB2 (OD2+)
DIRM LB3 (OD3+)
DIRM LB4 (OD4+)
DIRM LB5 (OD5+)
DIRM LB6 (OD6+)
DIRM LB7 (OD7+)
D LB7 + IRM LB8 (OD8+)
DIRM LB7 (OD7+)
DIRM LB6 (OD6+)
DIRM LB5 (OD5+)
DIRM LB4 (OD4+)
DI LB3 (OD3+)
DI LB2 (OD2+)
DI LB5 (OD5+)
PF CE

Properties:

The **GLADIATOR** is a modern **laser safety goggles frame** made from a light aluminium alloy. Due to a soft face cover, made of a special rubber, these goggles are closed, all around. The face cover is wipeable and easily changeable, if needed. Spacious air slots provide optimal air circulation and prevent fogging of the glasses. The laser safety goggles can be worn over prescription glasses and the adjustable elastic head band offers perfect wearing comfort even for long working periods.

The **Laser Safety Filter 0155** is a broadband laser safety filter for powerful lasers like **Ti:Sapphire (800 nm)**, **Diode (808 nm - 940 nm)**, **Yb:YAG/Disc (1030 nm)**, **Nd:YAG (1064 nm)**, **Faser (1060 – 1080 nm)**, **Telecom (1320 nm)** and **CO2 (10600 nm)**, but the filter also covers additional laser wavelengths. The laser safety filter consists of a turquoise, laminated mineral glass and offers a visual light transmission (VLT) of 45% despite its large bandwidth. The laser safety filter is **CE certified** in accordance with laser safety standard **EN 207**.

For a perfect and safe cleaning of this filter we recommend this [cleaning spray](#).—————

Please calculate the necessary protection levels for your laser application, with care and compare them to the given protection level of the **laser safety goggle**. We will gladly advise you on the selection of the right **safety gear**.