

# DIODE D81 LASER SAFETY GLASSES

CATEGORY INFORMATION

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**PHILLIPS SAFETY**  
PRODUCTS INC.



Phillips Safety is the industry leader in occupational safety eyewear. In business for over 100 years, you are being served with the dedication and craftsmanship of a family owned company.

Phillips Safety has been producing occupational safety glasses since 1905 and continues to develop and produce the highest quality glasses and lenses today. A leading manufacturer of specialty safety eyewear in the United States, Phillips Safety adheres to strict ANSI Z87-2+ and EN 207 CE standard certifications, holding itself to a highest standard and prides itself on producing glasses with the finest quality materials available.

All safety glasses produced and sold by Phillips Safety meet strict industry standards for military, medical, research laboratories, and a variety of other industries.

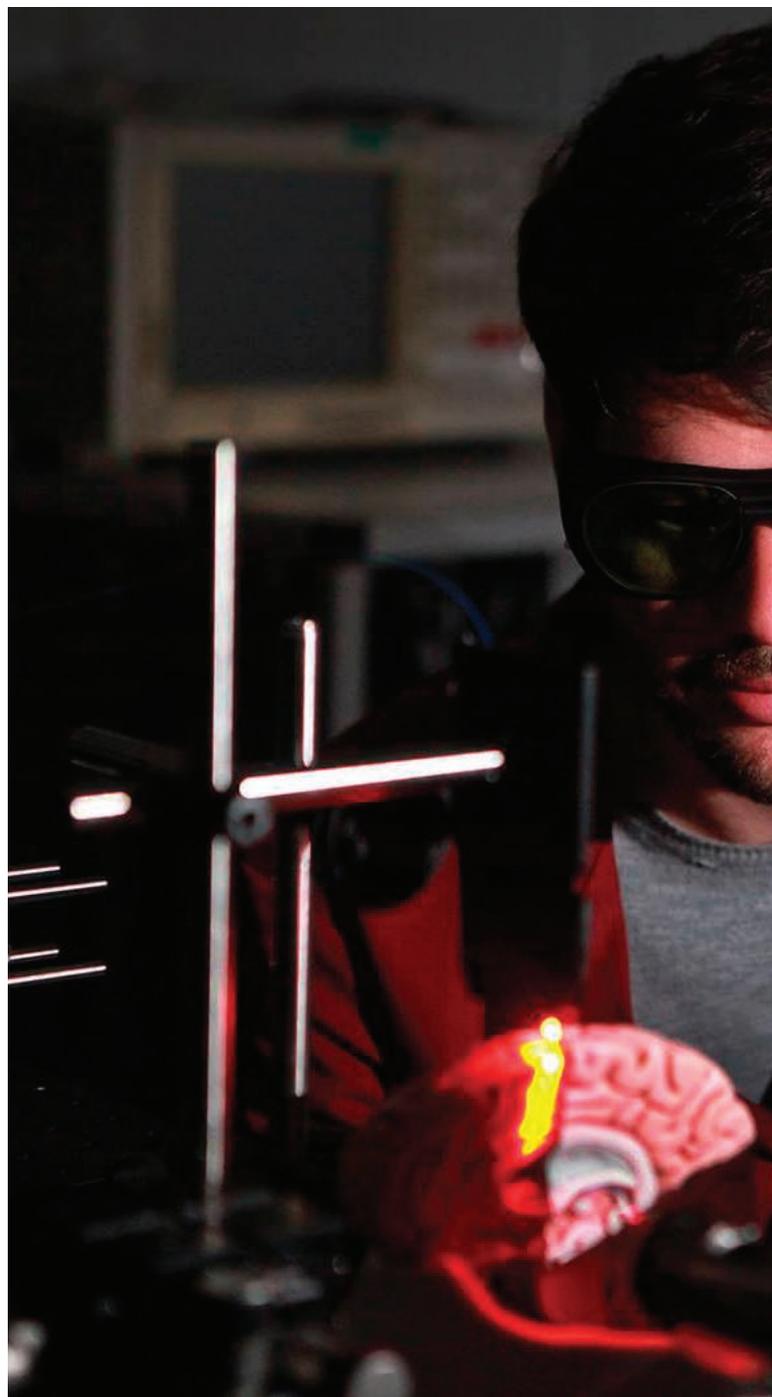
With Phillips Safety's dedicated team, you can rest assured knowing that all your prescription safety needs are met.

**CATEGORY INFORMATION**  
**DIODE D81 LASER SAFETY GLASSES**

Laser safety glasses are specialized eyewear designed to protect the eyes from the potentially harmful effects of laser radiation. These glasses are equipped with special optical filters that selectively absorb or reflect specific wavelengths of laser light, ensuring that only safe levels of light reach the eyes. They are crucial for individuals working in environments where lasers are used, such as in research laboratories, medical facilities, and industrial settings.

Phillips Safety's D81 laser safety glasses feature an advanced polycarbonate yellow green lens filter designed to provide exceptional laser protection. The combination of Phillips Safety's expertise in laser safety and the optimal features of the D81 laser safety glasses makes them an ideal choice for professionals seeking superior optical performance and uncompromising safety in laser-intensive work settings.

With a visible light transmission of 68%, these glasses offer a remarkable balance between protection and visual clarity. This VLT ensures that wearers can maintain clear vision while safeguarding their eyes from potentially harmful laser radiation.



**CATEGORY INFORMATION**  
**DIODE D81 LASER SAFETY GLASSES**



Plus, it allows for a practical and comfortable user experience across a range of lighting conditions.

It is important to note that they are engineered for specific laser wavelengths, offering precise protection with the following Optical Density (OD) ratings:

OD 5+ @800-830nm

In addition, our D81 laser safety glasses meet and exceed industry safety standards. They are rigorously tested and comply with both ANSI Z87+ and ANSI Z136.1 safety standards, and CE certified lens, ensuring your peace of mind in laser-intensive environments.

Whether working in a laboratory, medical facility, or industrial setting, Phillips Safety's D81 laser safety glasses offer essential protection without compromising vision clarity, promoting both safety and efficiency in diverse professional environments. For unparalleled laser safety, choose Phillips Safety's glasses.

# LASER PROTECTIVE EYEWEAR

## LENS FILTER SPECIFICATIONS



**PROTECTION OPTION** D81

**LENS BLANK PART NUMBER** LS-D81-LB

## LENS SPECIFICATION

### PROTECTION SPECIFICATIONS

OD 5+ @807-827nm

CE LASER RATING  
805-810 DIR LB4  
>810-825 DIR LB5  
> 825 - 830 DIR LB4

**LENS TYPE** D81

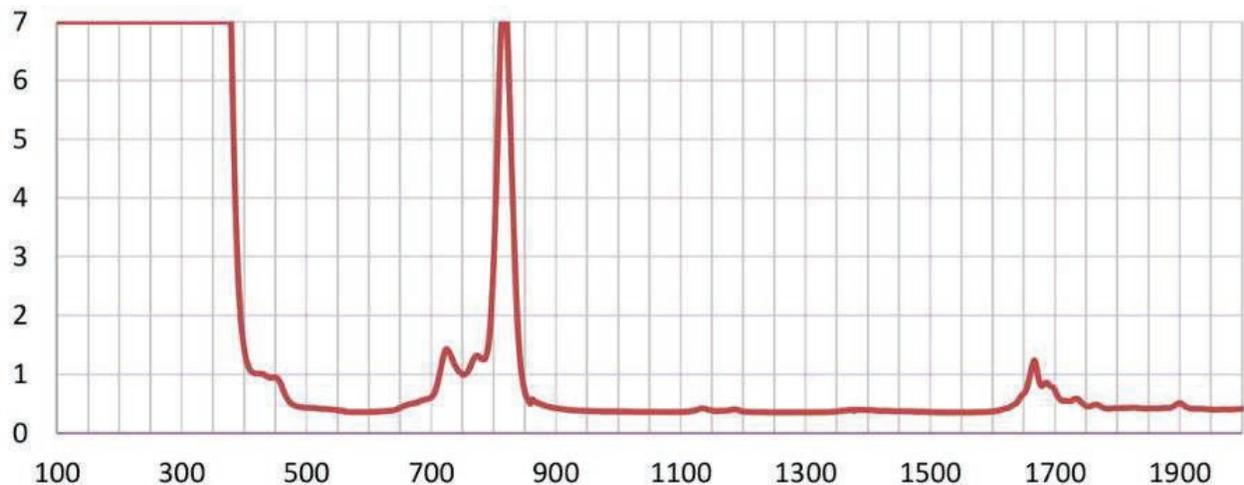
**MATERIAL** Polycarbonate

**SAFETY RATING** ANSI Z87+, ANSI Z36.1

**VISIBLE LIGHT TRANSMISSION** 68%

**COLOR** Yellow Green

## WAVELENGTH CHART



This is to certify that our product listed above meets all Safety Requirements as specified by ANSI Z87.1 and is manufactured to the tolerances required by law. This filter has been tested and conforms to ANSI Z136.1 standards for Laser protection. They are manufactured by Phillips Sadert Products, Inc. in the City of Middlesex, County of Middlesex, and State of New Jersey in the United States of America. All components and final assemblies are included and originate from our location at 123 Lincoln Boulevard, Middlesex, NJ 08846.

Any questions from interested parties can be directed to the undersigned below.

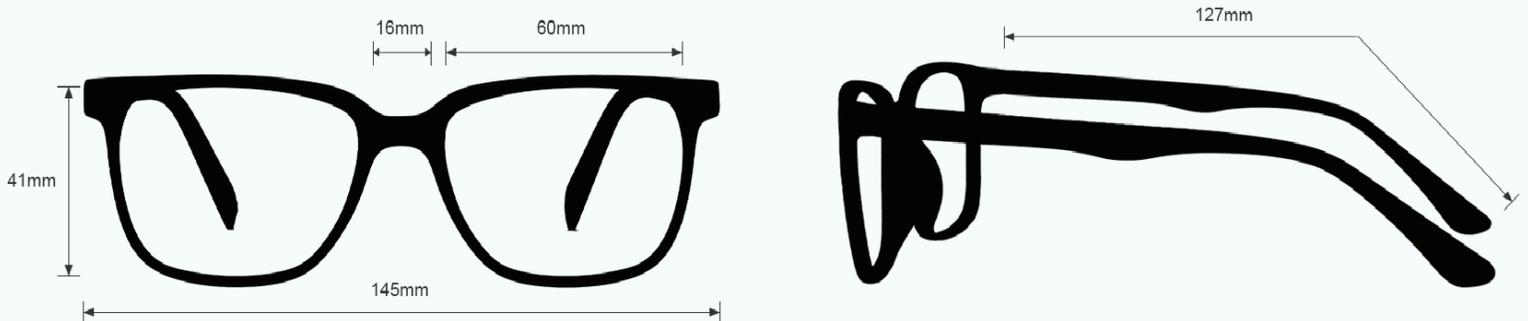
Ryan Phillips | Vice President | Phillips Safety Products, Inc.

**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 33



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 33 is a durable and lightweight fitover frame. Made of high-quality plastic, the 33 laser safety glasses feature adjustable temples and integrated side shields. These Phillips Safety laser safety glasses are available in black and tortoise.

**FRAME SPECIFICATION**

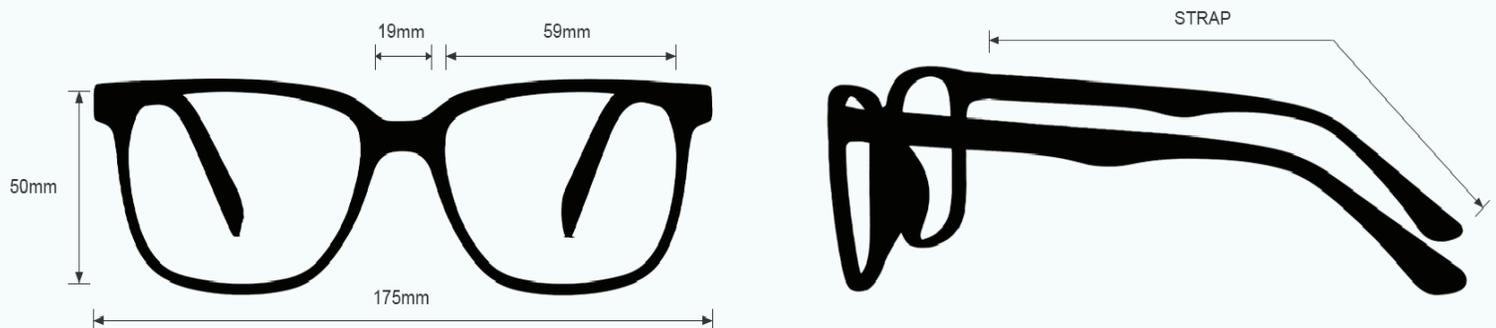


**PRODUCT INFORMATION**  
D81 LASER SAFETY GOGGLES 55



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety goggles 55 is a durable and lightweight fitover goggles frame. Made of high-quality plastic, the 55 laser safety goggles feature strap. These Phillips Safety laser safety goggles are available in silver.

**FRAME SPECIFICATION**

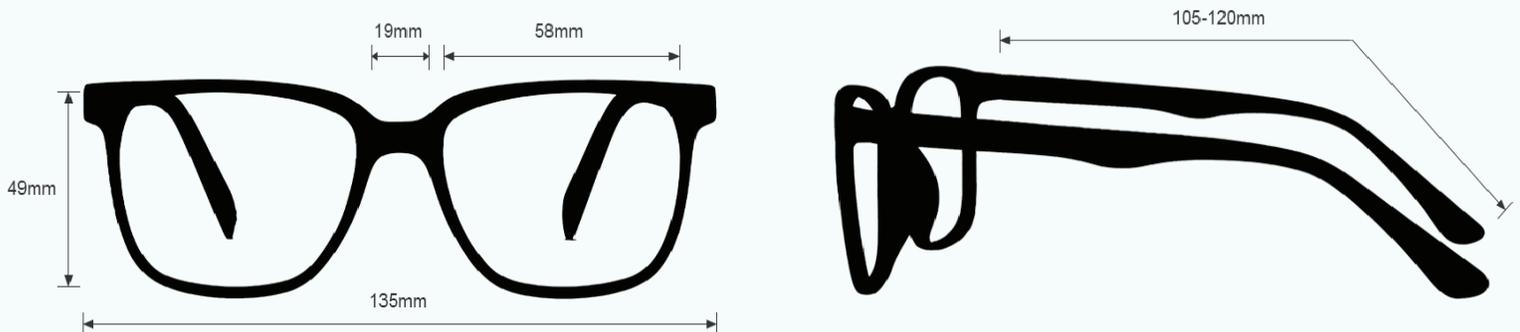


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 66



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 66 is a durable and lightweight oversized frame. Made of high-quality plastic, the 66 laser safety glasses feature adjustable temples and permanent side shields. These Phillips Safety laser safety glasses are available in black and silver.

**FRAME SPECIFICATION**

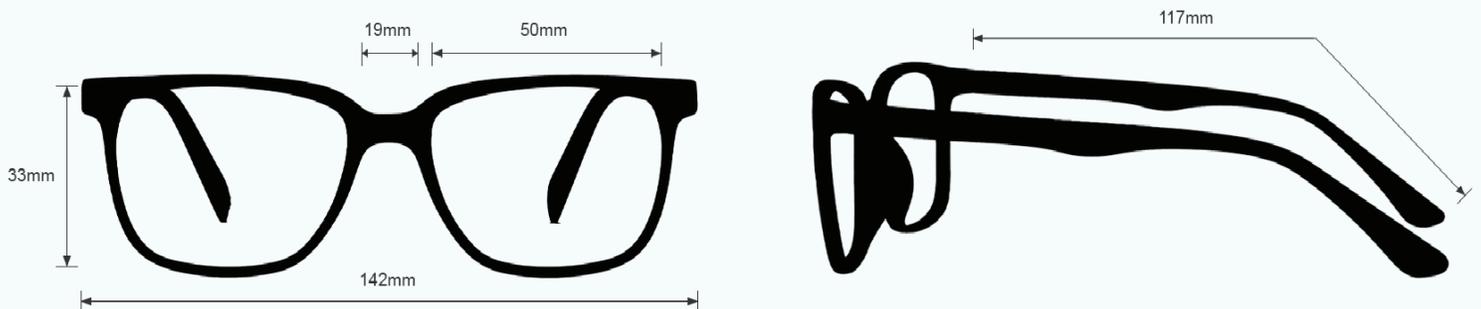


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 206



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 206 is a durable and lightweight rectangular, wrap around frame. Made of high-quality plastic, the 206 laser safety glasses feature rubberized nose pads, rubberized temples, integrated side shields, and a removable dust dam. These Phillips Safety laser safety glasses are available in orange and brown with clear side shields, yellow and black with clear side shields, and yellow and black with smoke gray side shields.

**FRAME SPECIFICATION**

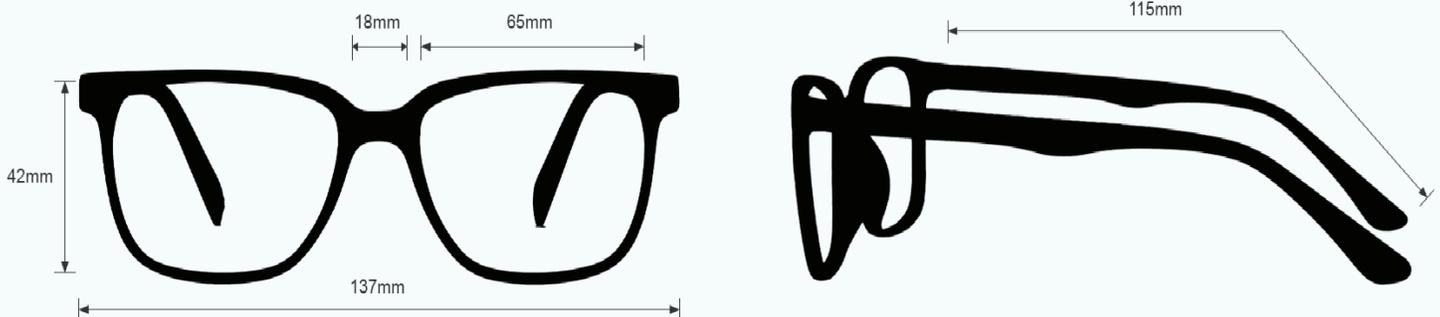


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 282



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 282 is a durable and lightweight wrap around, semi-rimless frame. Made of high-quality plastic, the 282 laser safety glasses feature rubberized nosepads. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

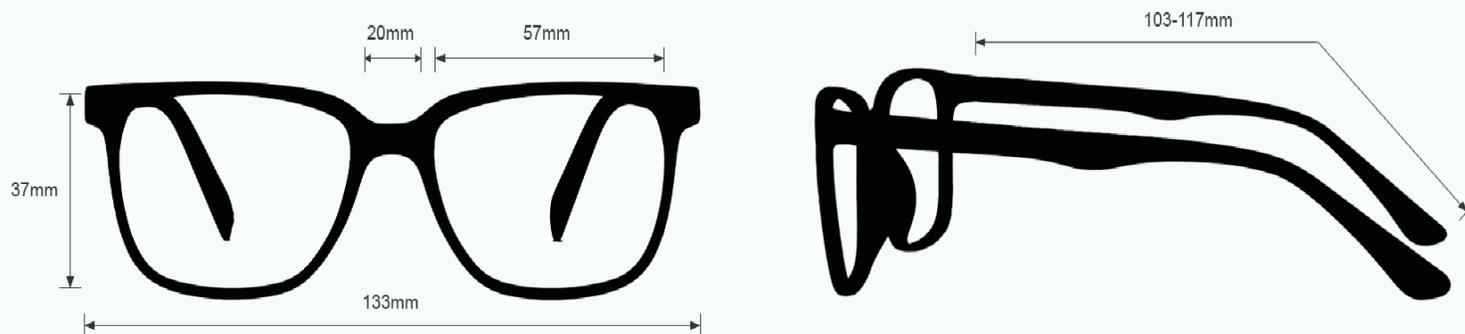


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 300



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 300 is a durable and lightweight rectangular frame. Made of high-quality plastic, the 300 laser safety glasses feature adjustable temples and permanent side shields. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

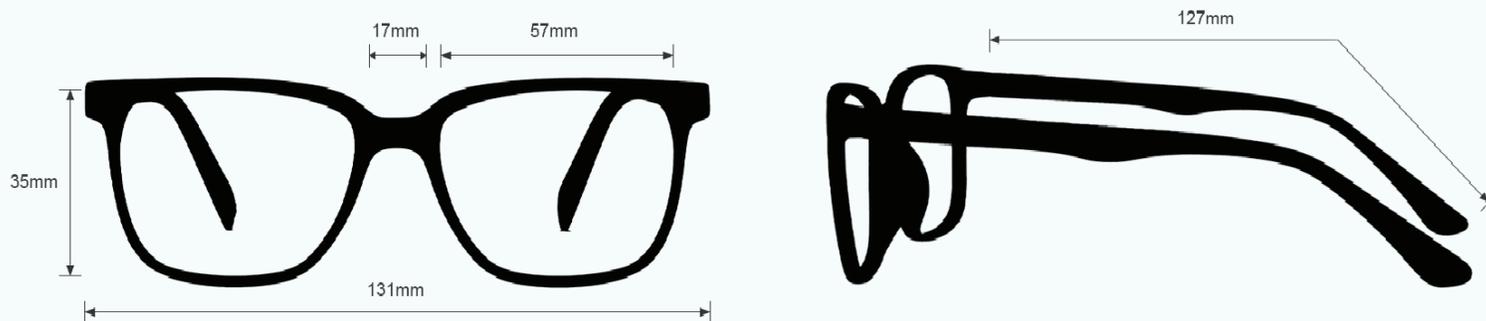


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 1375



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 1375 is a durable and lightweight rectangular frame. Made of high-quality plastic, the 1375 laser safety glasses feature bent temples and integrated side shields. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

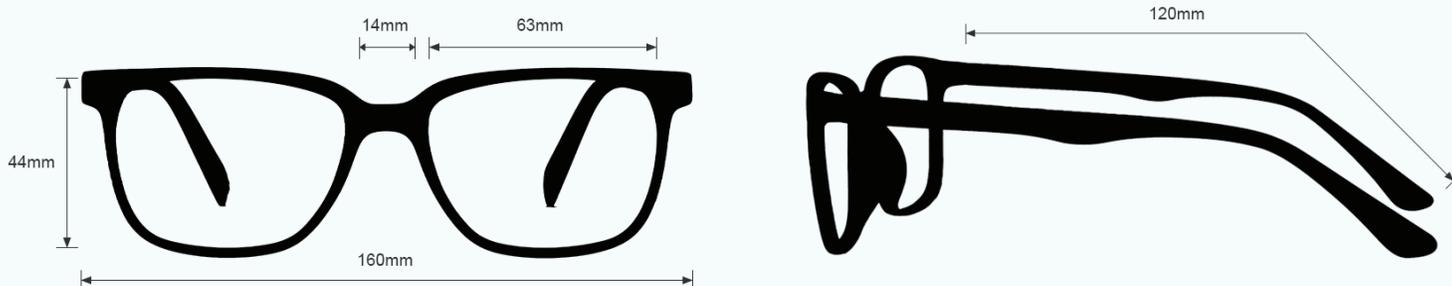


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 9388



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87+ plus ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 9388 is a durable and lightweight oversized frame. Made of high-quality plastic, the 9388 laser safety glasses feature adjustable temples and integrated side shields. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

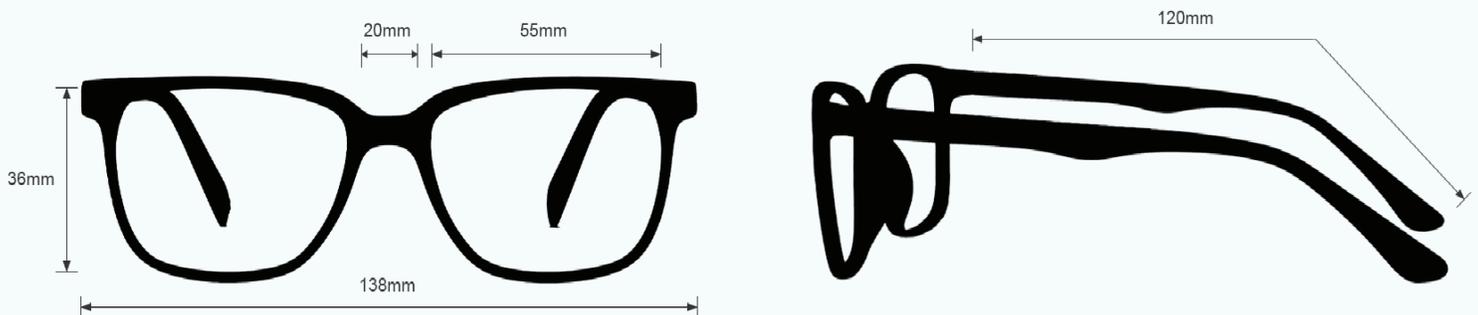


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES 16001



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 16001 is a durable and lightweight wrap around frame. Made of high-quality plastic, the 16001 laser safety glasses feature adjustable nose pads. These Phillips Safety laser safety glasses are available in black/blue.

**FRAME SPECIFICATION**

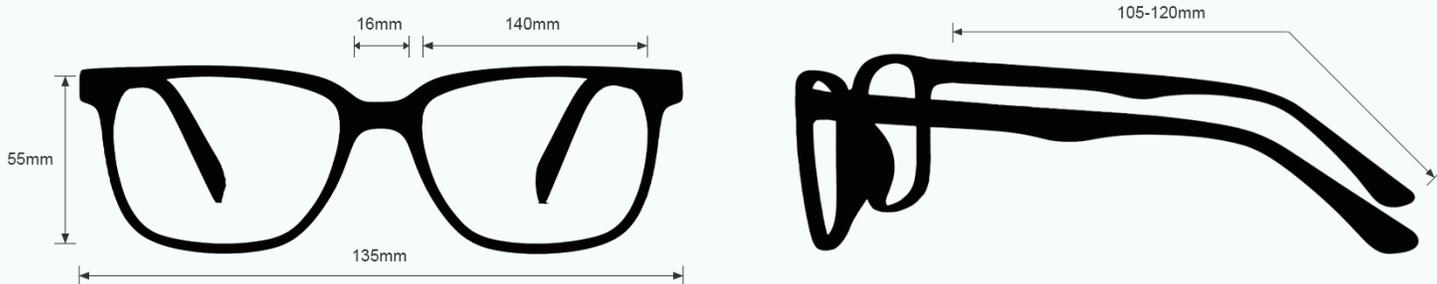


**PRODUCT INFORMATION**  
D81 LASER SAFETY GLASSES OTG



The D81 laser safety glasses have a polycarbonate yellow green lens filter that provides laser protection. These laser glasses have visible light transmission of 68%. In addition, the D81 laser safety glasses have ANSI Z87+ and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses OTG is a durable and lightweight OTG frame. Made of high-quality plastic, the OTG laser safety glasses feature adjustable temples and integrated side shields. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**



# CONTACT

Should you need any further information,  
please do not hesitate to contact us.

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