

# KG5 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

### KG5 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 KG5 laser safety glasses feature an advanced glass clear lens filter designed to provide exceptional laser protection. The combination of Phillips Safety's expertise in laser safety and the optimal features of the KG5 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 excellent, 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**  
**KG5 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:

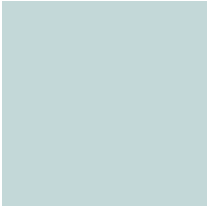
OD 4+@870-950nm; OD 5+@950-1000nm;  
OD 7+ @1000-1550nm; OD 4+@1550-11000nm;  
OD 5+@2800-3600nm; OD 6+@2850-3350nm

In addition, our KG5 laser safety glasses meet and exceed industry safety standards. They are rigorously tested and comply with both ANSI Z87.1 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 KG5 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** AKG-5 Holmium/Yag/CO2

**LENS BLANK PART NUMBER** LS-KG5-LB

## LENS SPECIFICATION

### PROTECTION SPECIFICATIONS

OD 4+ @870-950nm  
OD 5+ @950-1000nm  
OD 7+ @1000-1550nm  
OD 4+ @1550-11000nm  
OD 5+ @2800-3600nm  
OD 6+ @2850-3350nm

CE LASER RATING  
900 – 925 DIR LB4  
925 – 1000 DIR LB5  
1000 – 1025 DIR LB6  
1025 – 1400 D LB6 + IR LB7  
1400 – 2400 DIR LB4  
2900 – 10600 DI LB4

**LENS TYPE** KG5

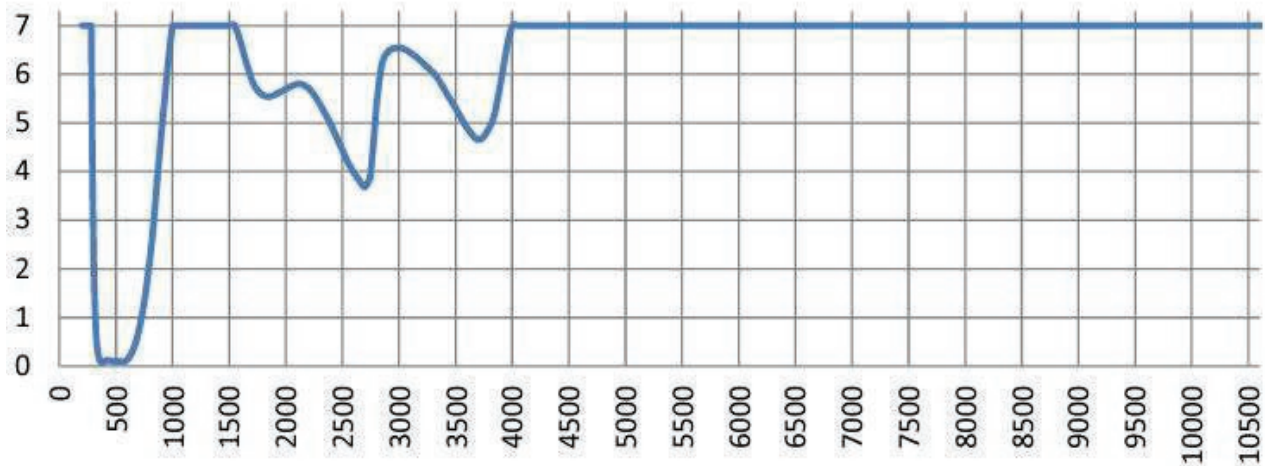
**MATERIAL** Glass

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

**VISIBLE LIGHT TRANSMISSION** 75%

**COLOR** Clear

## 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 Safety 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 under signed below.

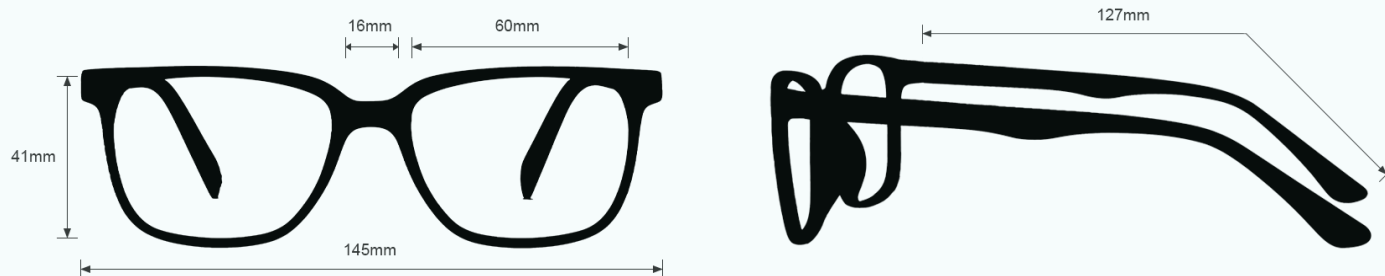
Ryan Phillips | Vice President | Phillips Safety Products, Inc.

**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 33



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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**

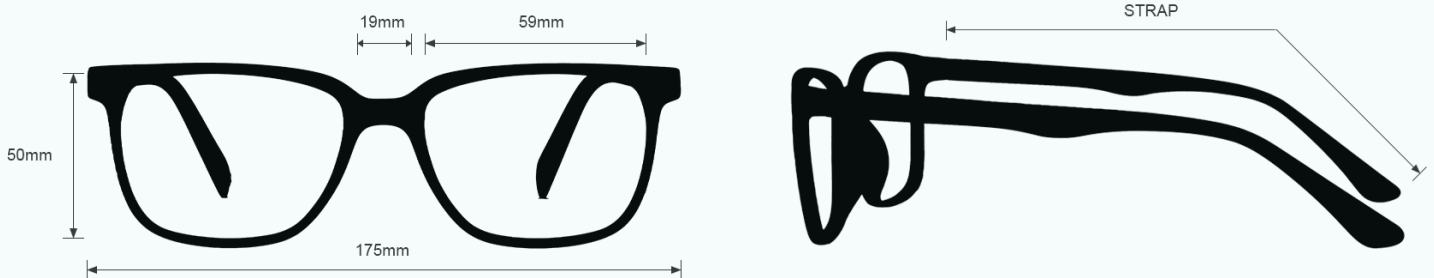


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GOGGLES 55



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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 a strap. These Phillips Safety laser safety goggles are available in silver.

**FRAME SPECIFICATION**



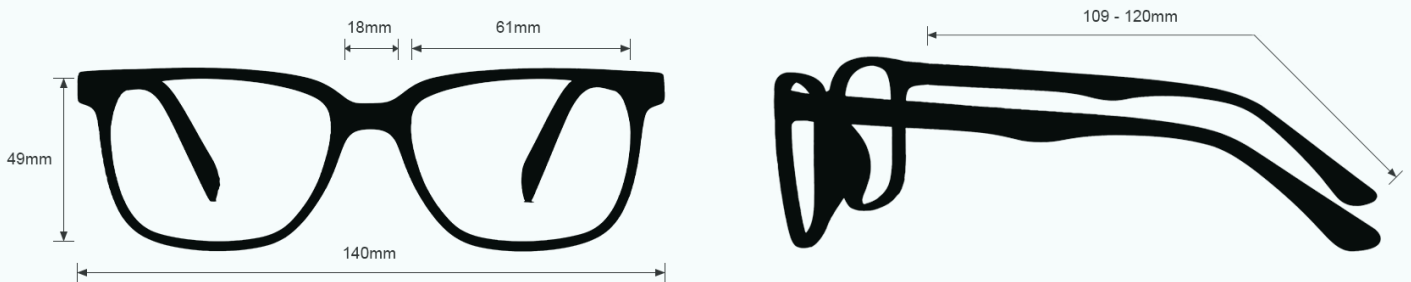


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 66



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 66 have 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. Plus, they are prescription available.

**FRAME SPECIFICATION**



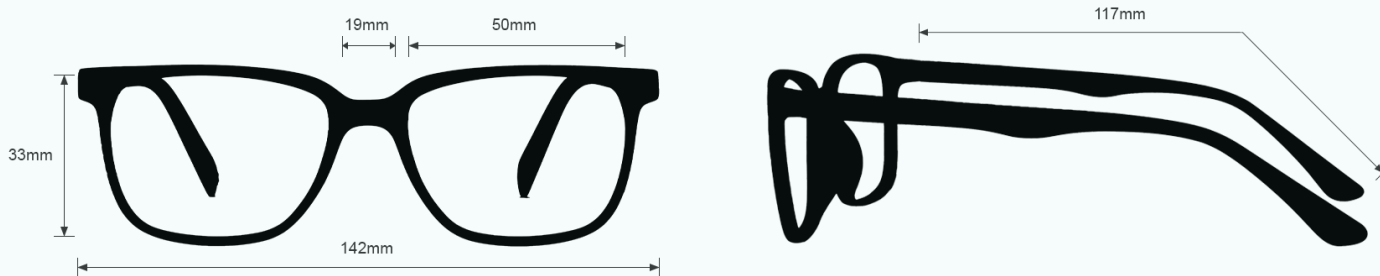


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 206



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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 nosepads, rubberized temples, integrated side shields, and a removable dust dam. and, it is prescription available.

**FRAME SPECIFICATION**

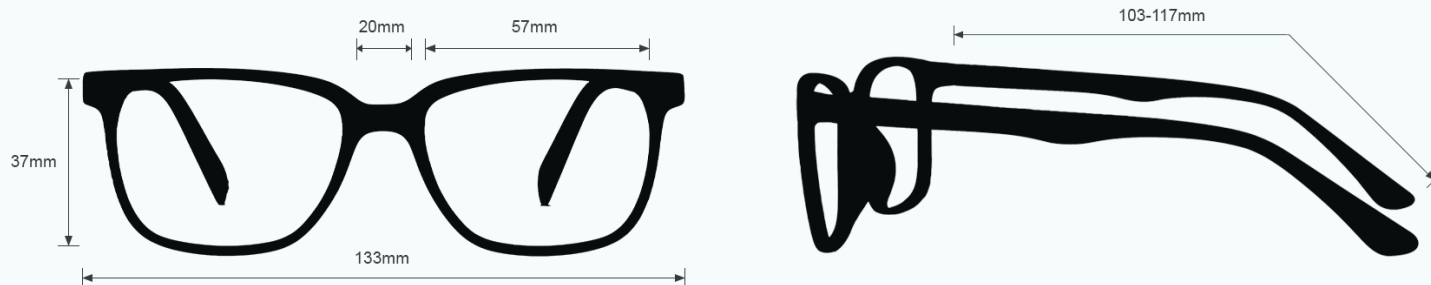


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 300



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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. and, it is prescription available.

**FRAME SPECIFICATION**

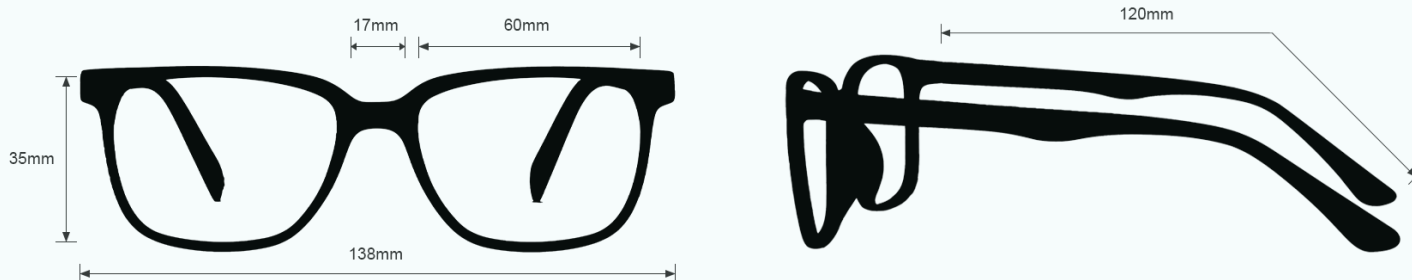


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 808



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 808 is a durable and lightweight wrap around frame. Made of high-quality plastic, the 808 laser safety glasses feature rubberized nosepads and rubberized temple bars. These Phillips Safety laser safety glasses are available in red, black and silver. Plus, they are prescription available.

**FRAME SPECIFICATION**

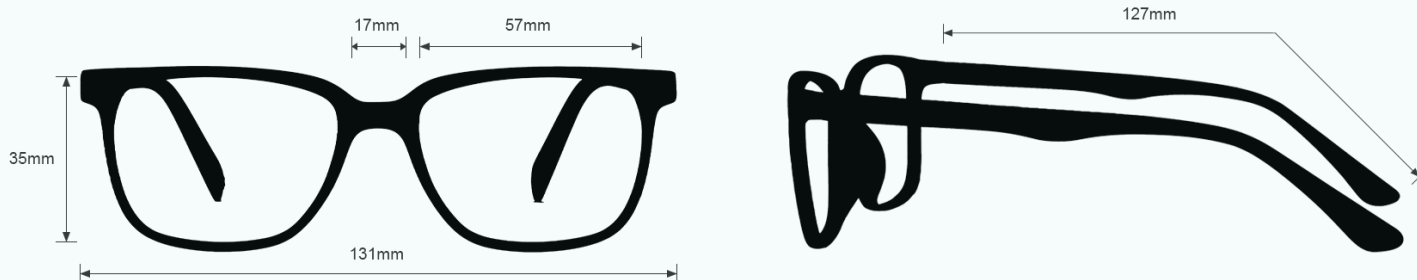


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 1375



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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**



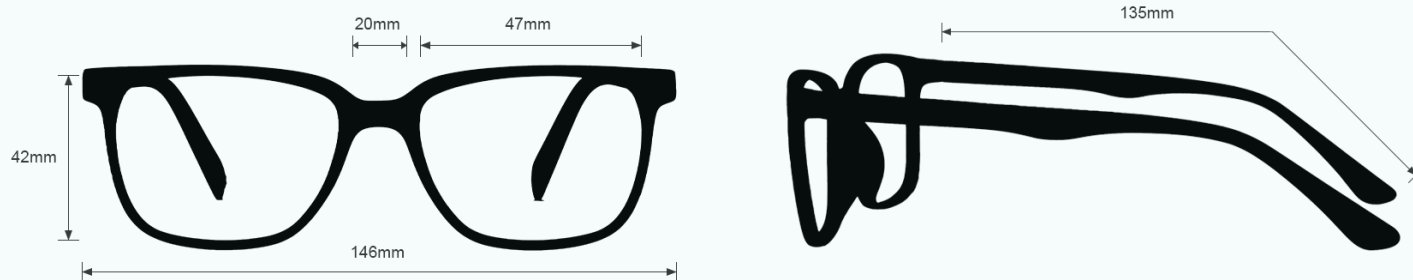


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 9014



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 9014 are non-prescription. Made of high-quality plastic, it is a durable and lightweight oversized oval frame. The 9014 laser safety glasses feature rubberized nose pads, rubberized temple bars, and permanent side shields. These Phillips Safety laser safety glasses are available in black.

**FRAME SPECIFICATION**

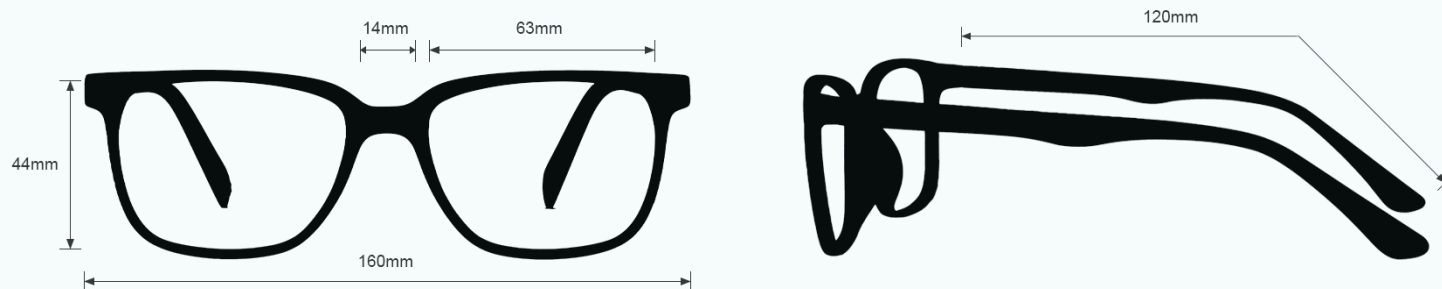


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 9388



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have excellent visible light transmission. In addition, the KG5 laser safety glasses have ANSI Z87.1 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. Plus, it is prescription available.

**FRAME SPECIFICATION**

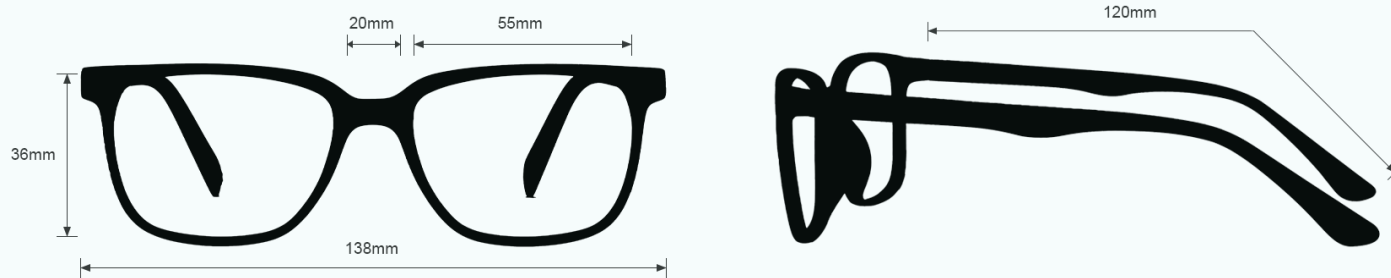


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 16001



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 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 nosepads. These Phillips Safety laser safety glasses are available in black/blue. and, it is prescription available.

**FRAME SPECIFICATION**

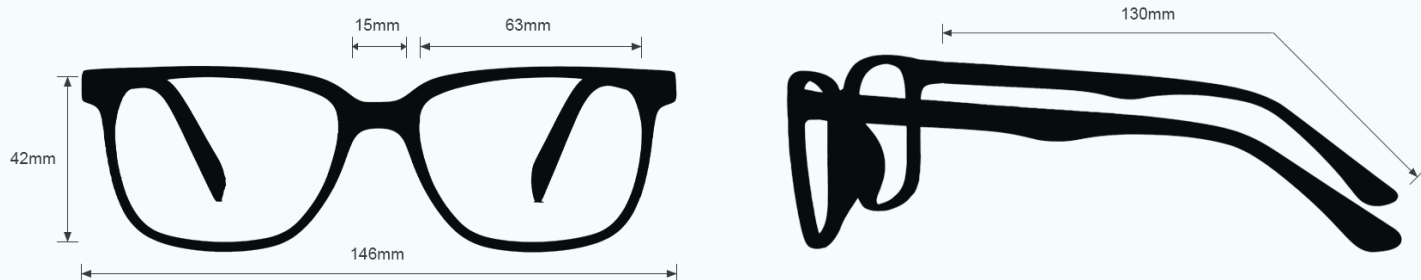


**PRODUCT INFORMATION**  
KG5 LASER SAFETY GLASSES 17001



The KG5 laser safety glasses have a glass clear lens filter that provides laser protection. These laser glasses have a visible light transmission of 75%. In addition, the KG5 laser safety glasses have ANSI Z87.1 and ANSI Z136.1 safety standards and CE certified lens. These laser safety glasses 17001 is a durable and lightweight rectangular, wrap around frame. Made of high-quality plastic, the 17001 laser safety glasses feature rubberized temples. These Phillips Safety laser safety glasses are available in black/green. and, it is prescription available.

**FRAME SPECIFICATION**





# CONTACT

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

123 Lincoln Blvd, Middlesex, NJ 08846, USA 

+1 (866) 575 1307 

service@phillips-safety.com 

www.phillips-safety.com 