

LASER

CATEGORY INFORMATION

PHILLIPS-SAFETY.COM

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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

LASER

Laser safety products include a variety of hardware and software items that protect users from the potentially hazardous effects of laser radiation. They include protective glasses, windows, sheeting, signs, and barrier systems. These products provide reliable protection for professionals in a wide range of industries. Some of these laser safety products can be customized to meet specific applications.

The great variety of laser filters offered by Phillips Safety can be used for a range of wavelengths. When it comes to their materials, polycarbonate is a lightweight filter with a large wavelength absorption range. Laser glass filters are best suited for mid- to high-power density lasers. The number of standardized laser pulses that the glasses can withstand is another factor to consider. Additionally, they should also pass CE certification, which is a mark that assures end-users of the quality of the product.

Another consideration is the Optical Density (OD). OD measures the attenuation of light passing through the laser filter. It is calculated by a mathematical expression.



CATEGORY INFORMATION
LASER



Using a formula, OD is measured in W/cm^2 , where W is the power density of the laser and cm^2 is the area of the lens. While OD is a good indicator of the attenuation of light, it is not a precise measurement. To get an accurate OD value, the notified body, or an independent verifier, should test the glasses for actual laser endurance. If the laser glasses can sustain a direct hit from the specified laser for 5 seconds, they're considered safe.

Other essential laser safety items include sheeting, barriers, and windows. They are important for reducing risk, as they block the laser's beam in a safe, effective manner. Here at Phillips Safety you find a variety of products designed specifically for laser safety, as well as radiation, welding, and glassworking protection.

Don't hesitate to check out our collection of laser safety products. We are confident that you will find the perfect solution for your needs with the features and specifications you want. If you need help or more information about our products, we are just one click away: talk to us through our chat, e-mail us at service@phillips-safety.com, or call us at 1-866-575-1307.

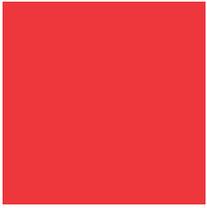
CATEGORY INFORMATION
LASER

A large, stylized letter 'P' in a teal color is centered in the background of the page. The 'P' is composed of thick, rounded strokes. The top curve of the 'P' is partially cut off by the top edge of the page. The vertical stem of the 'P' is on the left side, and the bottom curve is on the right side.

**PHILLIPS SAFETY
POLYCARBONATE
LASER FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Argon Alignment

LENS BLANK PART NUMBER LS-AA-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 1.5+ @405-411nm
OD 3+ @480-532nm
OD 1.5+ @470-555nm

LENS TYPE AA

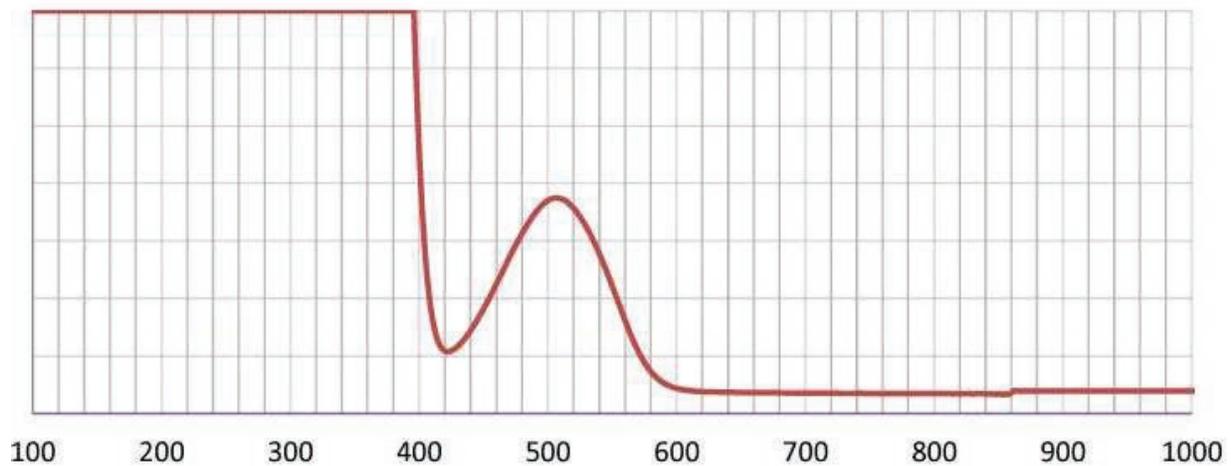
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 26%

COLOR Red

WAVELENGTH CHART



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

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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Argon Alignment

LENS BLANK PART NUMBER LS-AA8-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @190-399nm
OD 2+ @400-405nm
OD 2+ @466-545nm
OD 3+ @494-520nm

LENS TYPE AA8

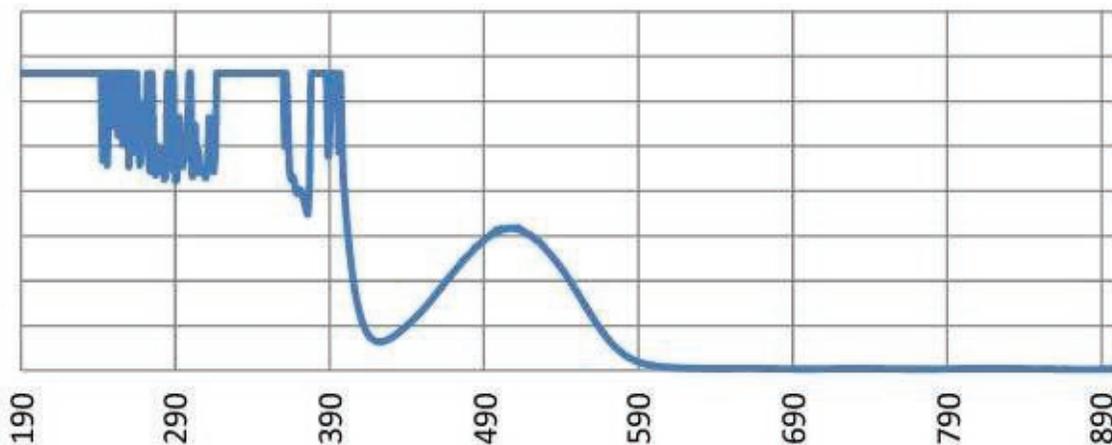
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 43.0%

COLOR Red

WAVELENGTH CHART



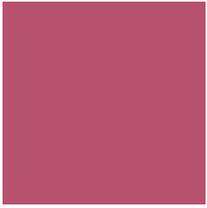
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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Alexandrite Diode

LENS BLANK PART NUMBER LS-AD-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @730-855nm
OD 7+ @755-830nm

LENS TYPE AD

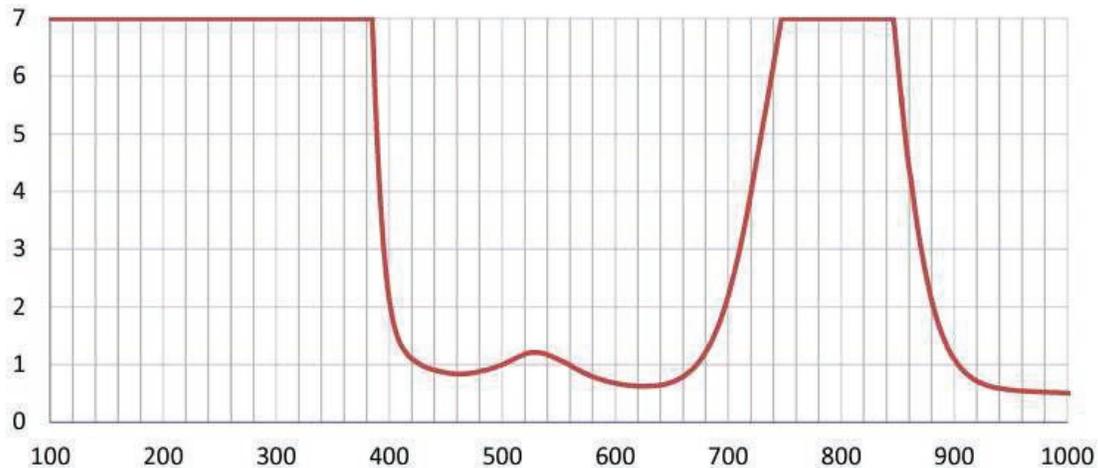
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 32.6%

COLOR Pink

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Argon/KTP Lens

LENS BLANK PART NUMBER LS-AKP-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @190-532nm
OD 6+ @5000-11000nm

LENS TYPE AKP

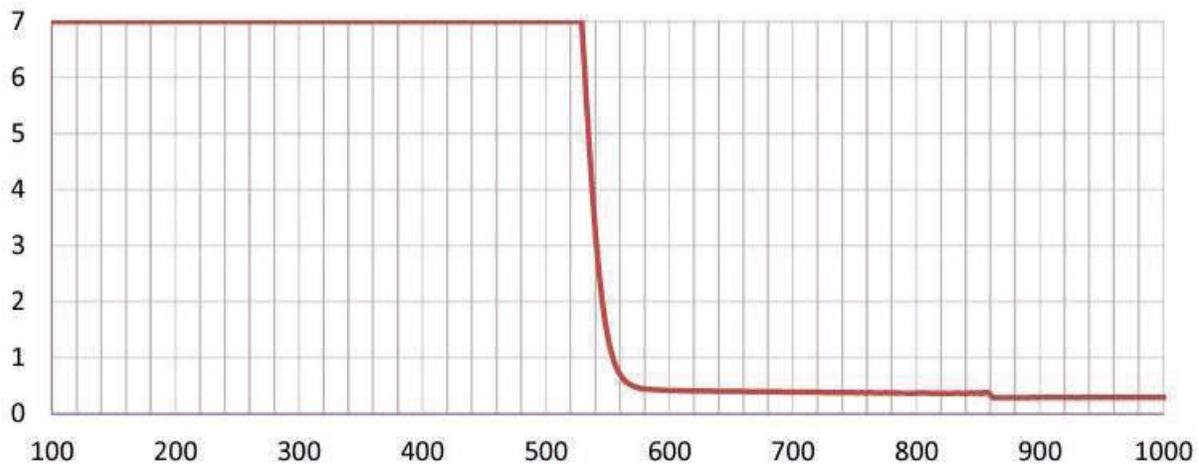
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 46.4%

COLOR Orange

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Filter ARD

LENS BLANK PART NUMBER LS-ARD-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @413-569nm
OD 5+ @478-519nm
OD 5+ @532-538nm
OD 5+ @541-567nm

LENS TYPE ARD

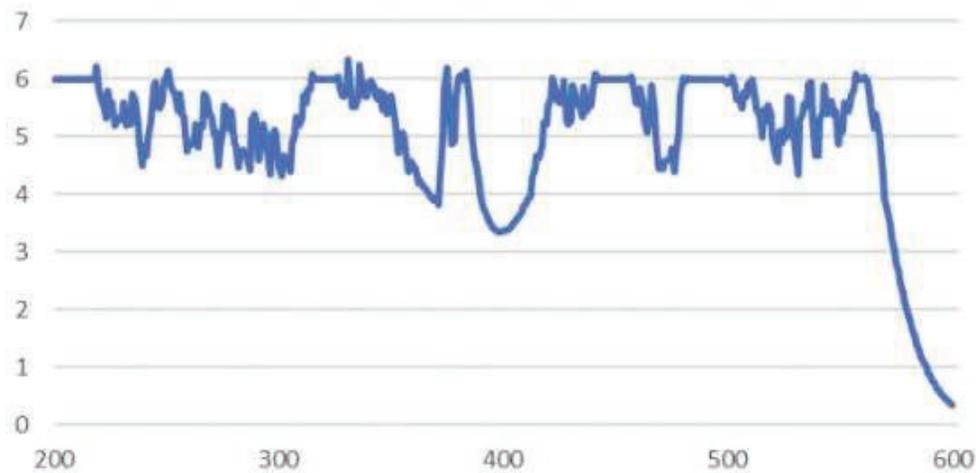
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 14%

COLOR Red

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION CO2, Excimer

LENS BLANK PART NUMBER LS-CD2-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-370nm
OD 6+ @10600-10600nm

CE LASER RATINGS
190-315 D LB7 + IR LB3
315 - 380 D LB5 + IR LB6 + M LB6Y
10600 DI LB3

LENS TYPE CD2

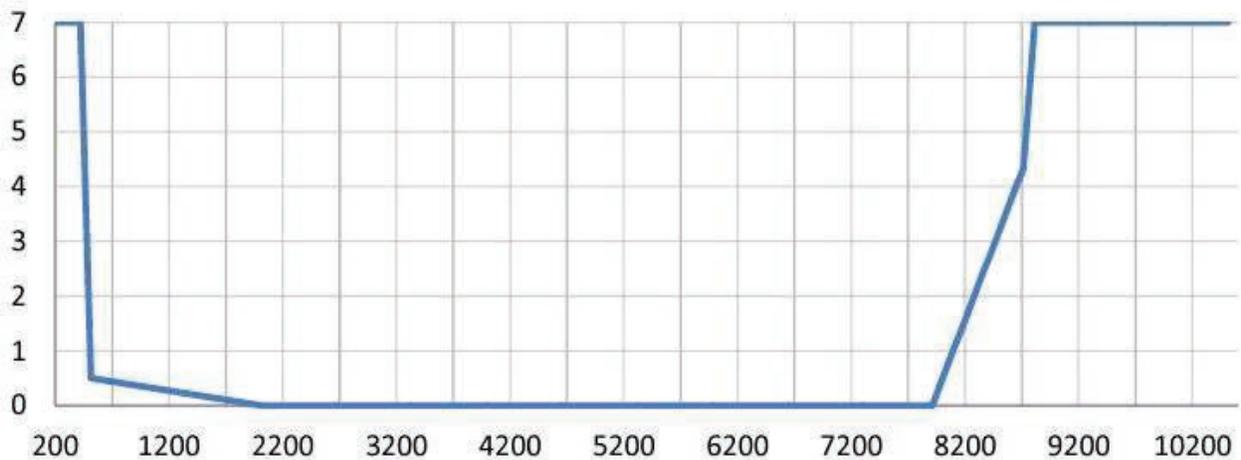
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 82.0%

COLOR Clear

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION CO2

LENS BLANK PART NUMBER LS-CD2-IR3

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @ 10600nm

LENS TYPE CD2 IR3

MATERIAL Polycarbonate

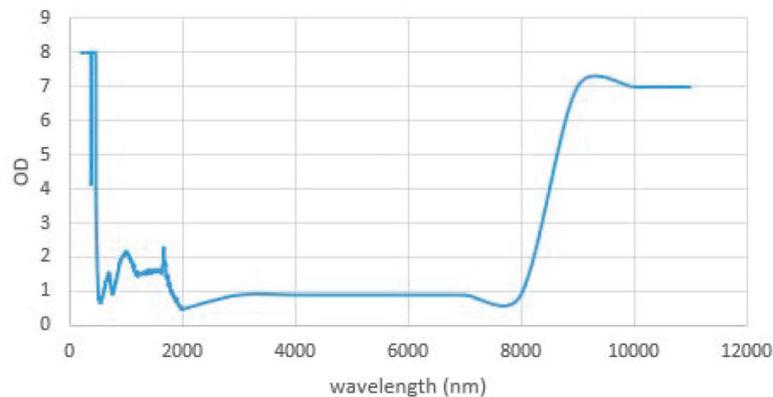
SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 14%

COLOR GREEN, SHADE 3

WAVELENGTH CHART

LS-CD2-IR3 OD Chart



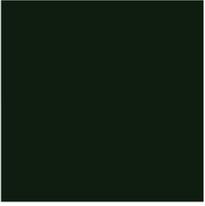
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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION CO2

LENS BLANK PART NUMBER LS-CD2-IR5

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OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @ 10600nm

LENS TYPE CD2 IR5

MATERIAL Polycarbonate

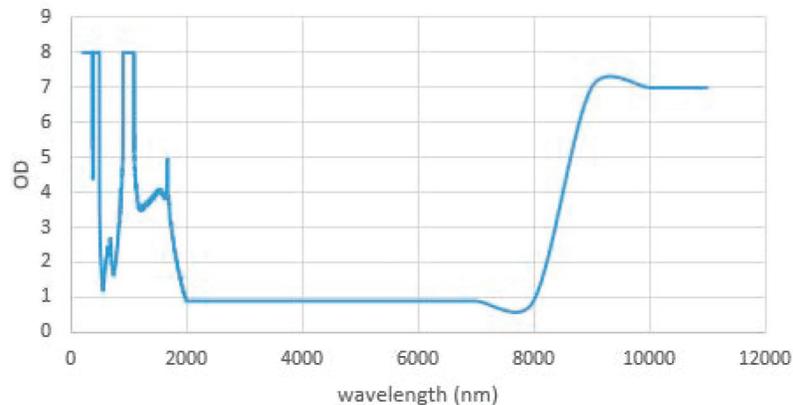
SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 2.5%

COLOR GREEN, SHADE 5

WAVELENGTH CHART

LS-CD2-IR5 OD Chart



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION CMH

LENS BLANK PART NUMBER LS-CMH

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 8+ @200-370nm
OD 8+ @378-406nm
OD 0.5+ @407-655nm

LENS TYPE CMH

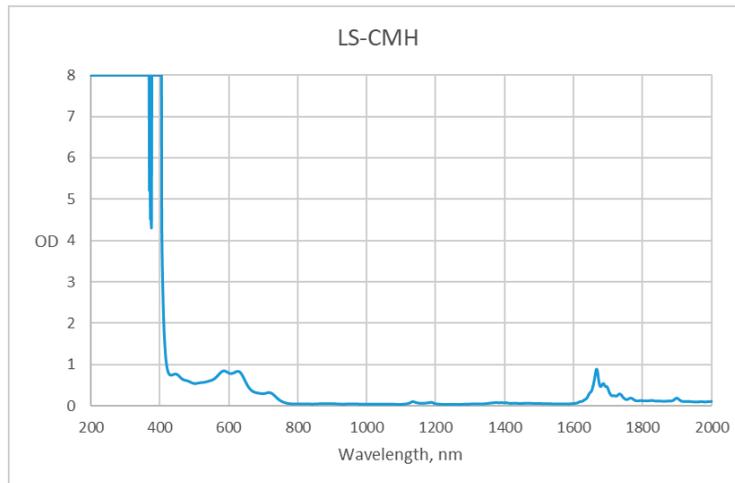
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 23%

COLOR Dark Green

WAVELENGTH CHART



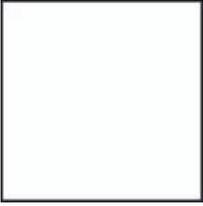
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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Co2/Erbium

LENS BLANK PART NUMBER LS-CR39-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-340nm
OD 7+ @2760-3470nm
OD 7+ @5000-11000nm

LENS TYPE CR39

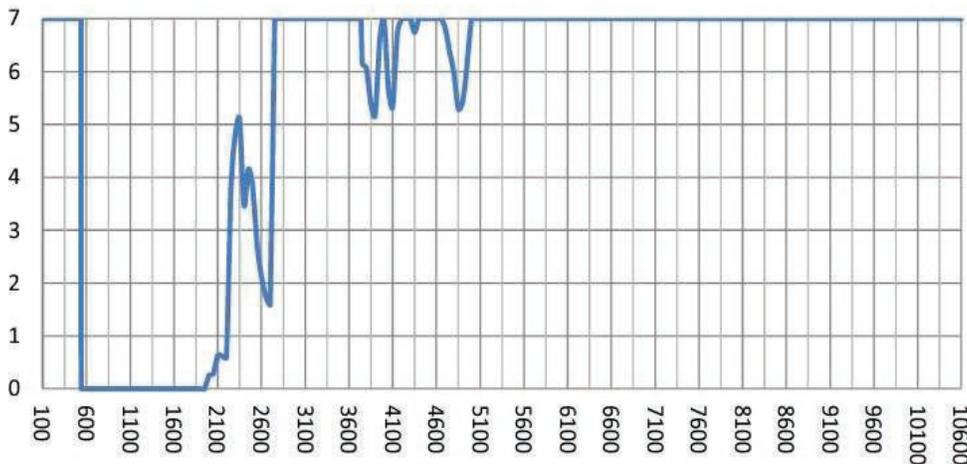
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 85.0%

COLOR Clear

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION D81

LENS BLANK PART NUMBER LS-D81-LB

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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

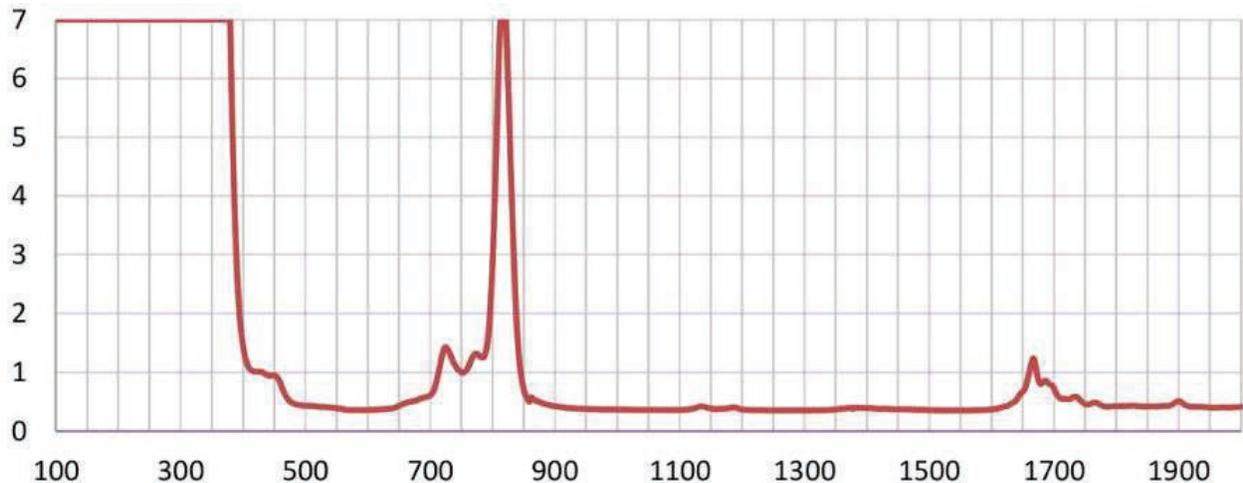
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 68%

COLOR Yellow Green

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Diode 800-980nm

LENS BLANK PART NUMBER LS-D98-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-390nm
OD 5+ @800-980nm

CE LASER RATING

190-315 D LB7 + IRLB3
315 - 390 D LB5 + IR LB6 + M LB6Y
800 - 820 D LB5 + IR LB7
>820 - 890 D LB5 + IR LB6
>890 - 980 D LB5 + IR LB7

LENS TYPE D98

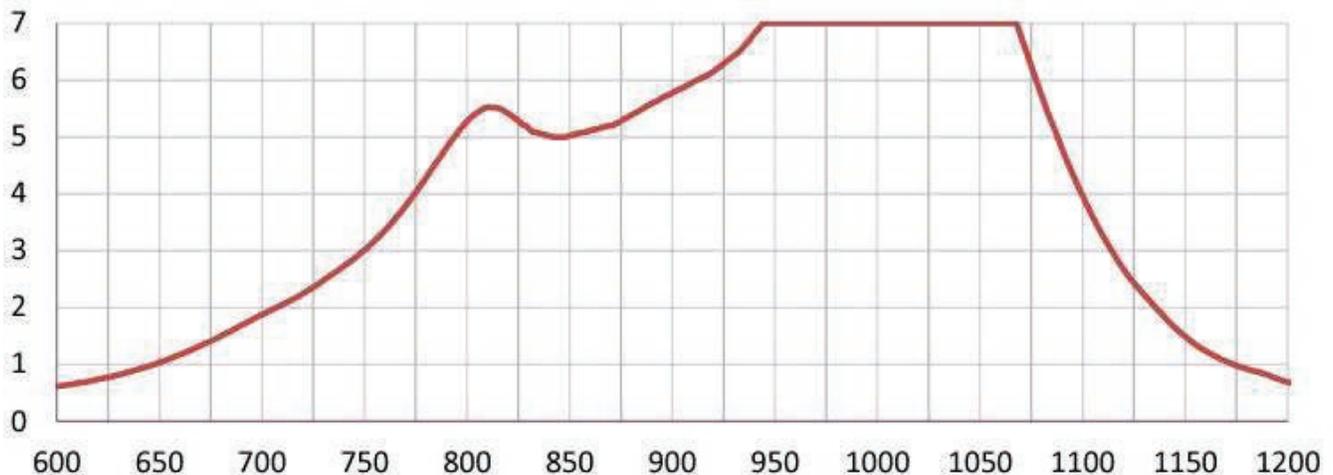
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 50%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION D660

LENS BLANK PART NUMBER LS-D660-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 2+ @660nm
OD 5+ @808nm
OD 5+ @830nm
OD 5+ @980nm

LENS TYPE D660

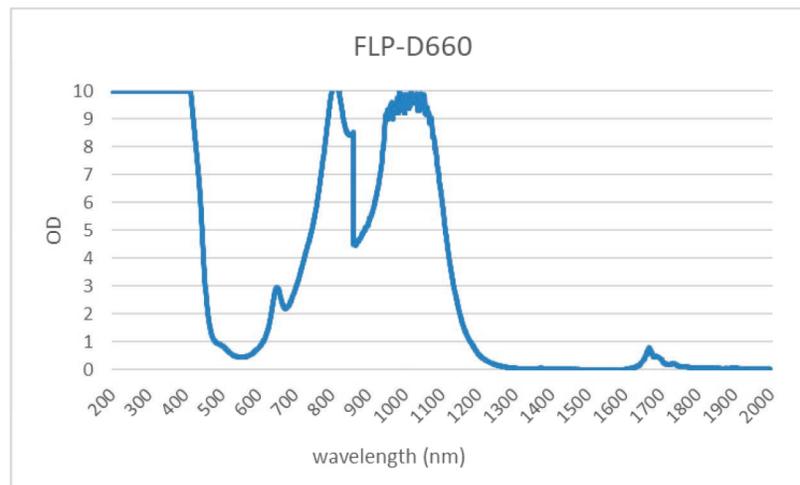
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 30%

COLOR Green

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION D680

LENS BLANK PART NUMBER LS-D680-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @190-409nm
OD 2+ @708-749nm
OD 3+ @750-1115nm
OD 5+ @794-912nm
OD 6+ @913-1077nm
OD 6+ @10600-11000nm

LENS TYPE D680

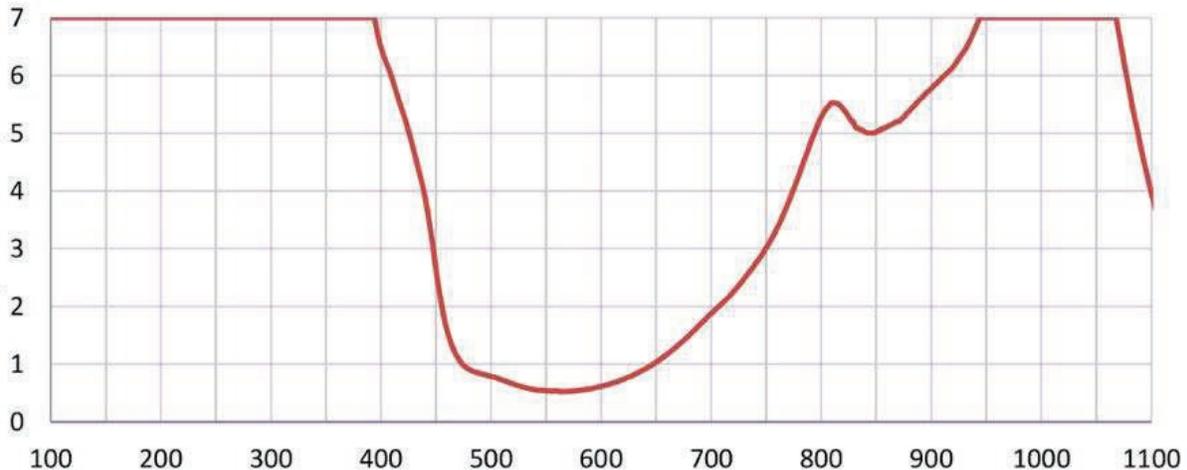
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 50%

COLOR Green

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION D1500

LENS BLANK PART NUMBER LS-D1500-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 3+ @804-1300nm
OD 5+ @1064-1064nm
OD 4+ @1300-1700nm
OD 2+ @1700-1900nm

LENS TYPE D1500

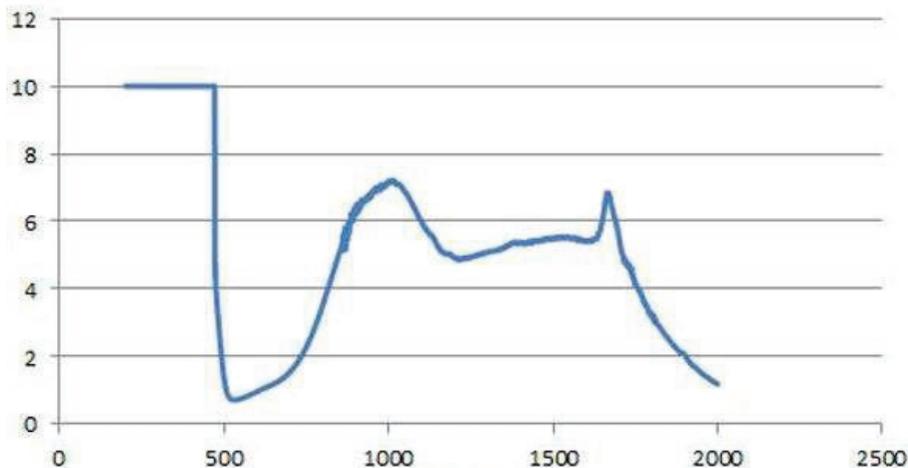
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 16.0%

COLOR Green

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION DH83 Laser Safety Filter

LENS BLANK PART NUMBER LS-DH83-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-400nm
OD 7+ @532-532nm
OD 6+ @910-1070nm
OD 5+ @850-1075nm
OD 4+ @808-850nm

LENS TYPE DH83

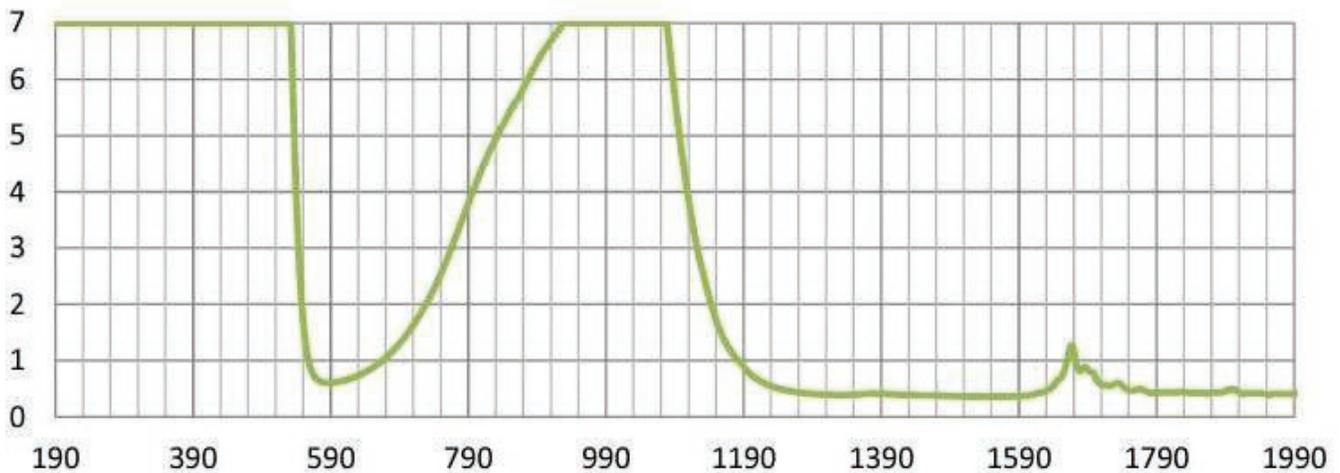
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 33.0%

COLOR Brown

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION : Diode Laser Safety Lenses

LENS BLANK PART NUMBER : LS-DIO-LB

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LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-390nm
OD 6+ @600-900nm

LENS TYPE DIO

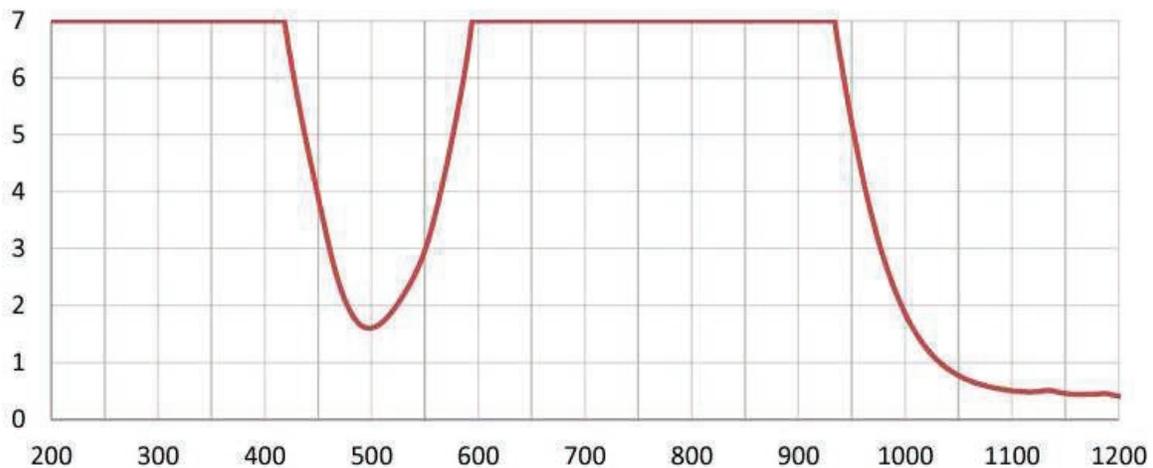
MATERIAL Polycarbonate Lens

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 27.9%

COLOR 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.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Diode Yag Hamonics

LENS BLANK PART NUMBER LS-DYH-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-534nm
OD 5+ @830-1090nm
OD 7+ @1064-1064nm

LENS TYPE DYH

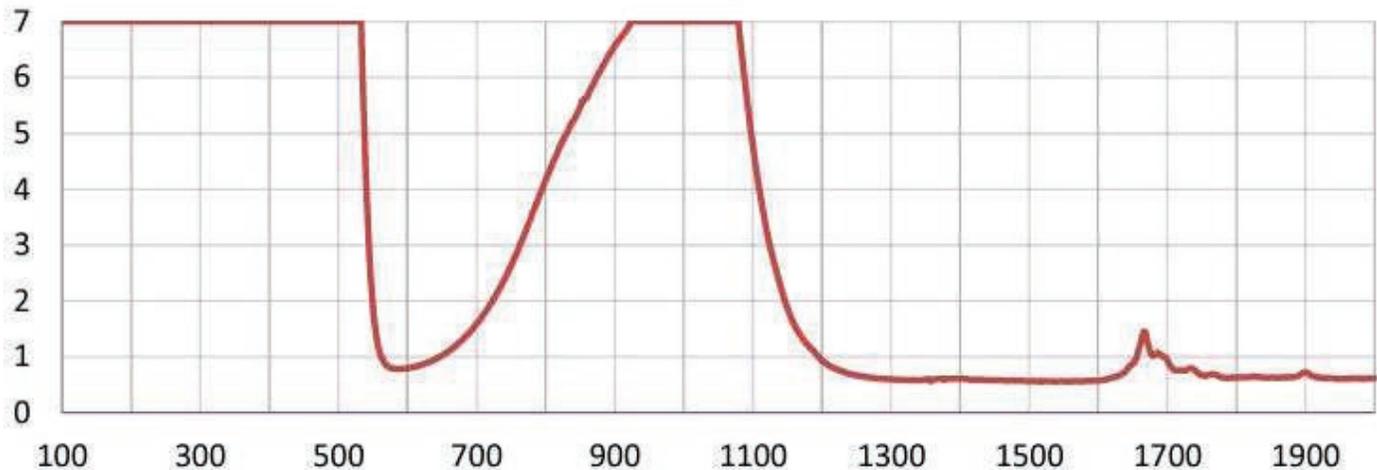
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 28.0%

COLOR Amber

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION EVB5

LENS BLANK PART NUMBER LS-EVB5

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @200-518nm
OD 5+ @587-602nm
OD 5+ @815-864nm
OD 5+ @1169-1190nm
OD 5+ @1345-1359nm

LENS TYPE EVB5

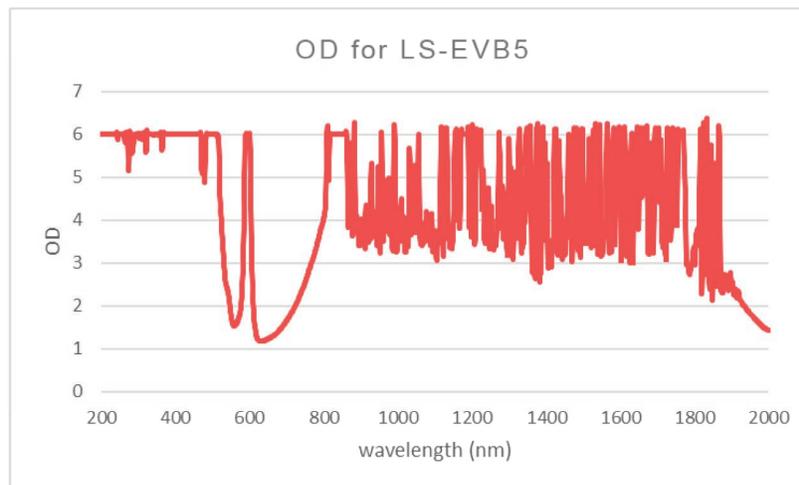
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 28%

COLOR Brown

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION EVG3

LENS BLANK PART NUMBER LS-EVG3

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @200-412nm
OD 5+ @588-602nm
OD 4+ @1038-1068nm

LENS TYPE EVG3

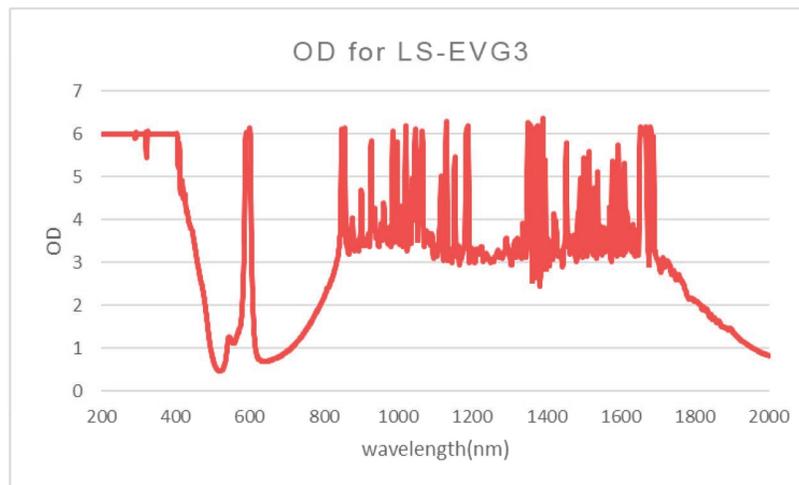
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 34%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION LED

LENS BLANK PART NUMBER LS-LED

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 8+ @378-410nm
OD 2+ @619-718nm
OD 3+ @676-697nm

LENS TYPE LED

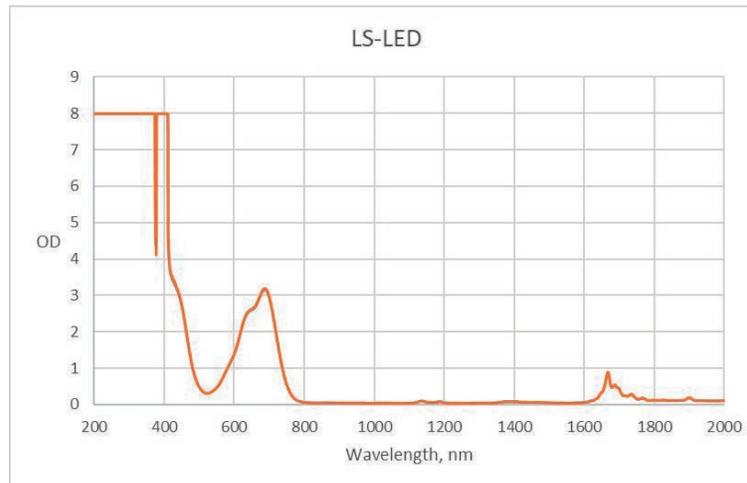
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 27%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION RUBY

LENS BLANK PART NUMBER LS-RBY-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @690-691nm
OD 7+ @692-714nm

LENS TYPE RBY

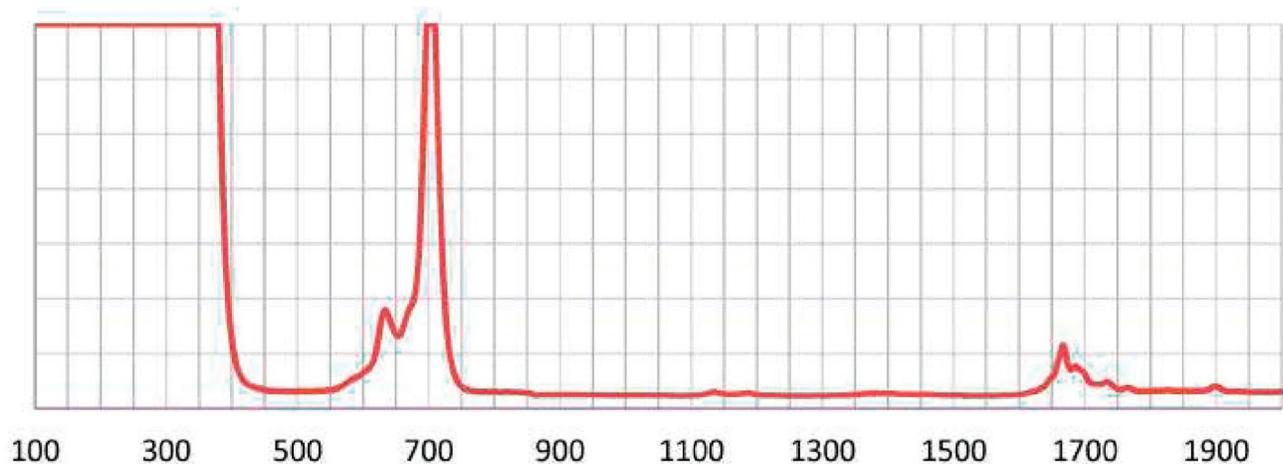
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 62%

COLOR Teal

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION DYE SFP Laser Filter

LENS BLANK PART NUMBER LS-SFP-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-390nm
OD 5+ @589-600nm
OD 6+ @592-597nm

LENS TYPE SFP

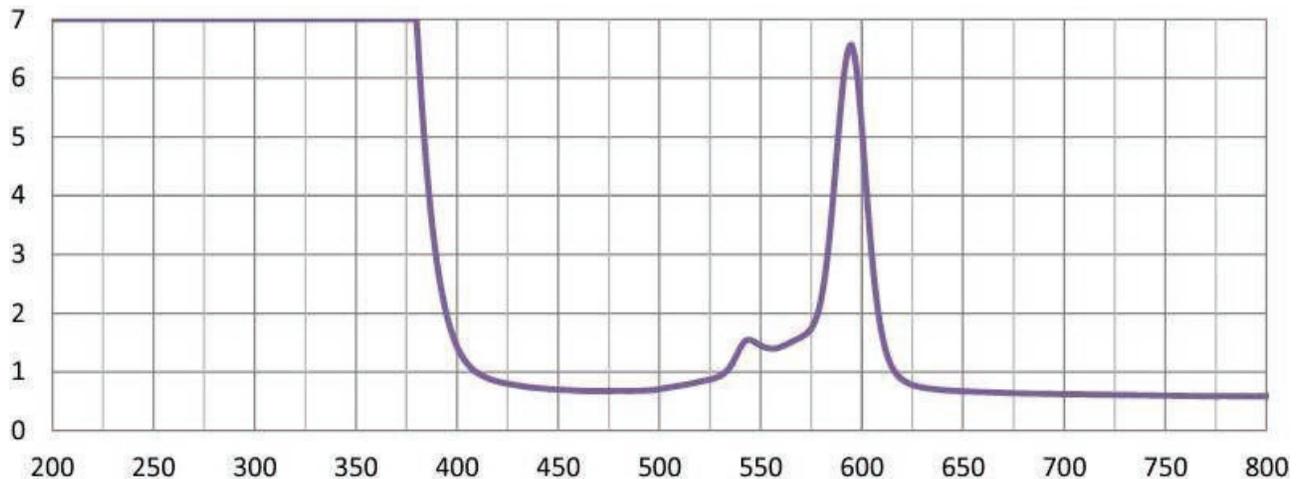
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 27.2%

COLOR Purple

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Y93

LENS BLANK PART NUMBER LS-Y93-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @190-435nm
OD 5+ @730-1085nm
OD 7+ @755-755nm
OD 7+ @1064-1064nm

CE LASER RATING
190-315 D LB7 + IR LB4
315 - 420 D LB5 + IR LB6
420 - 440 DIR LB5
730 - 1085 DIR LB5
755 D LB6 + IR LB7
1064 D LB6 + IR LB7

LENS TYPE Y93

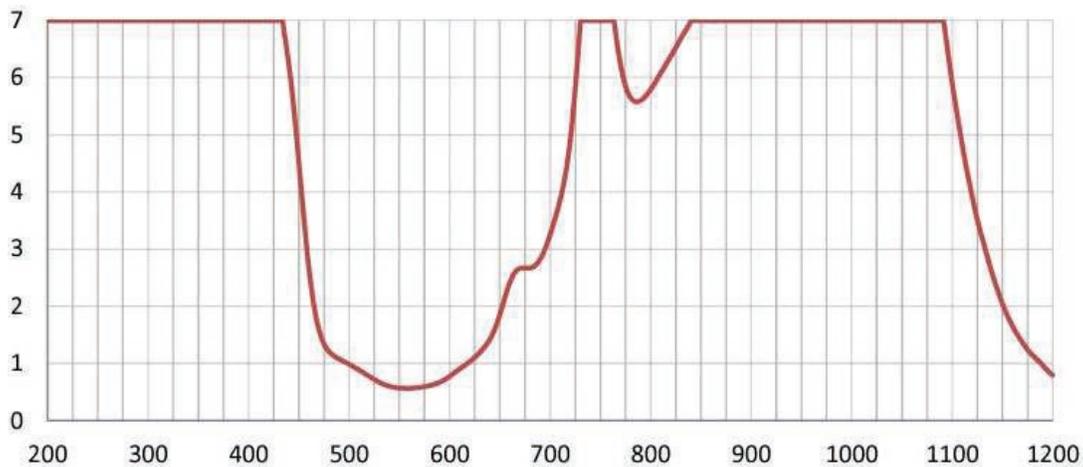
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 41%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Alexandrite, Diode, Nd:YAG

LENS BLANK PART NUMBER LS-Y97-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @725-1120nm
OD 6+ @10600-10600nm

LENS TYPE Y97

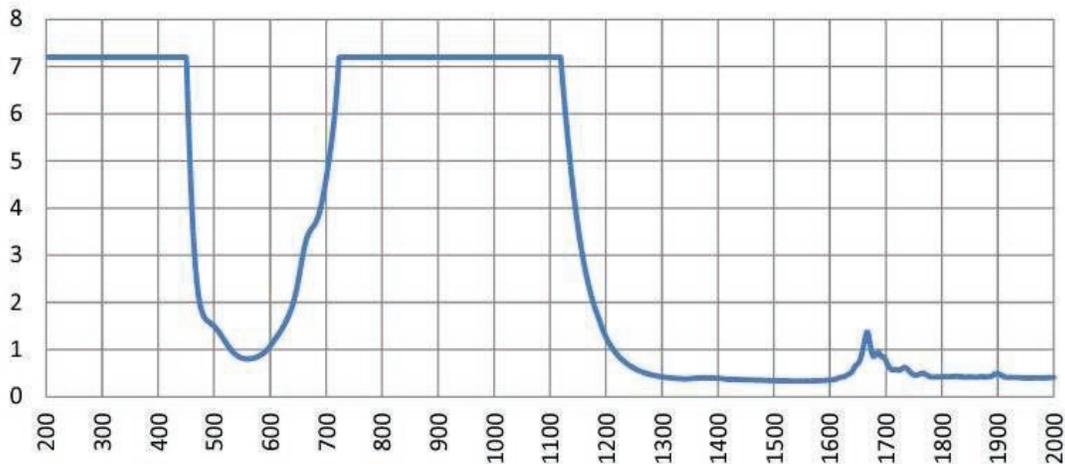
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 21.0%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION YAG

LENS BLANK PART NUMBER LS-YAG-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-390nm
OD 7+ @1064-1064nm
OD 5+ @835-1095nm

CE LASER RATING
190-315 D LB7 + IR LB3
315-380 DIR LB5 + MLB5Y
840-900 DIR LB3
>900 - 950 DIR LB4 + M LB4Y
>950 -1065 DIR LB5 + M LB5Y

LENS TYPE YAG

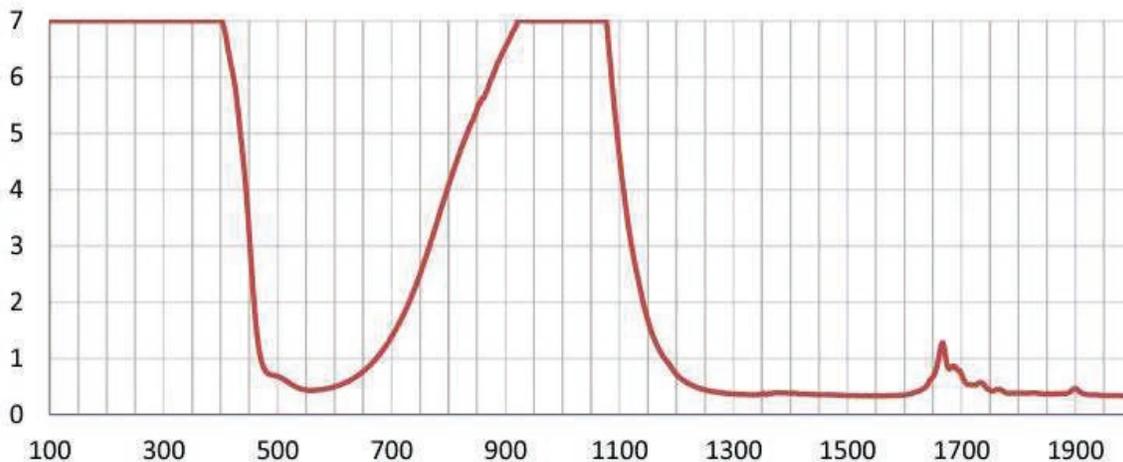
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 54.0%

COLOR Green

WAVELENGTH CHART



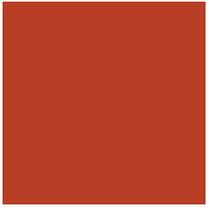
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION YAGA Laser Safety Filter

LENS BLANK PART NUMBER LS-YAGA-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-400nm
OD 5+ @980-1070nm
OD 2+ @480-532nm

LENS TYPE YAGA

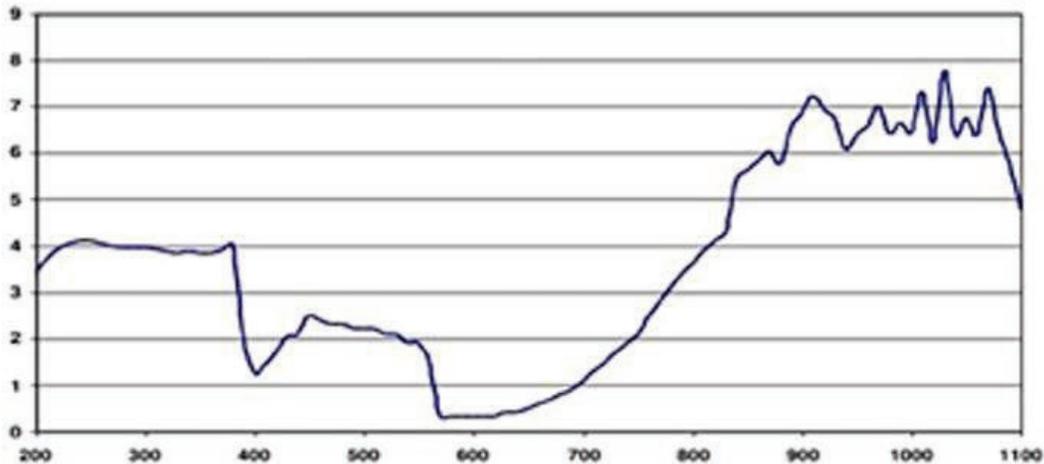
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 12.0%

COLOR Dark Orange

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION YAGD

LENS BLANK PART NUMBER LS-YAGD-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-534nm
OD 6+ @910-1070nm

CE LASER RATING
190-315 D LB7 + IR LB3
315 - 534 D LB5 + IR LB6 + M LB6Y
900 - 970 DIR LB6 + M LB6Y
>970 -1070 D LB6 + IR LB7 + M LB7Y

LENS TYPE YAGD

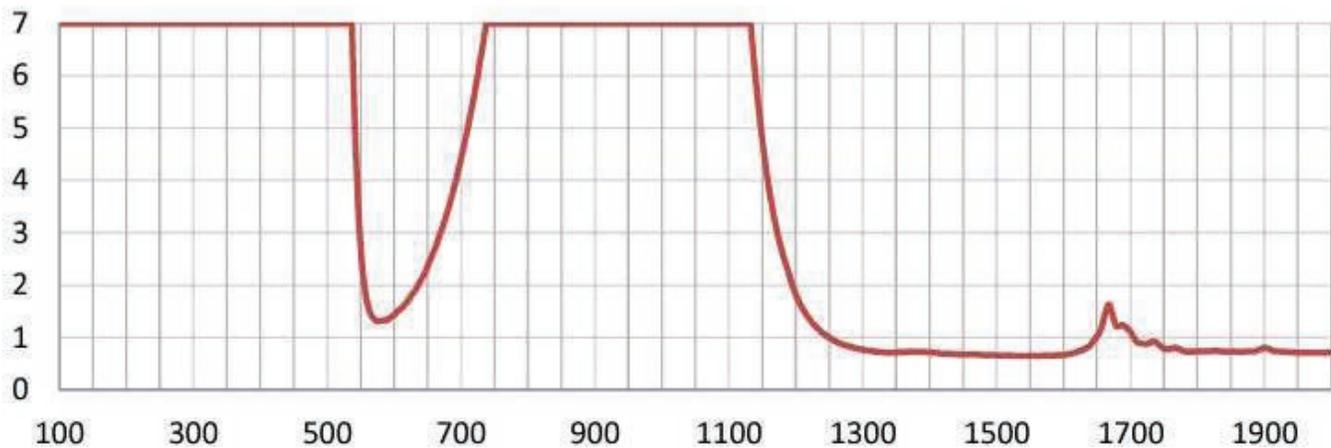
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 26.2%

COLOR Brown

WAVELENGTH CHART



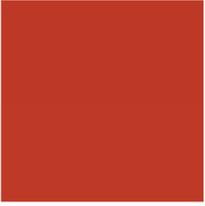
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Alexandrite Diode YAG Harmonics

LENS BLANK PART NUMBER LS-YHAD-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-534nm
OD 6+ @730-1090nm
OD 7+ @1064nm

LENS TYPE YHAD

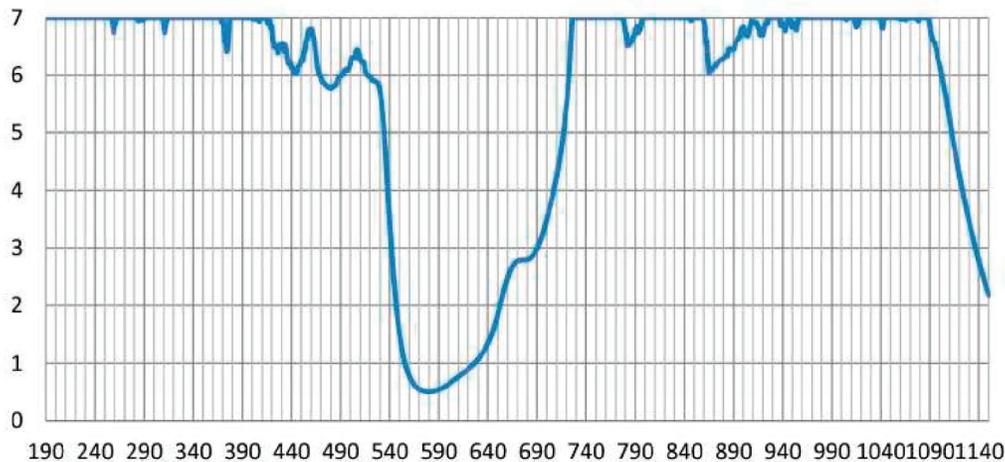
MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 10.6%

COLOR Amber

WAVELENGTH CHART



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

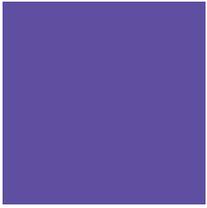
CATEGORY INFORMATION
LASER

A large, stylized letter 'P' in a teal color is centered in the background of the page. The 'P' is composed of thick, rounded strokes. The top curve of the 'P' is at the top left, and the vertical stem extends down to the bottom left. The right side of the 'P' is a thick, curved stroke that forms the right vertical bar and the bottom curve.

**PHILLIPS SAFETY
GLASS LASER
FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION DYE, Diode, HeNe BG3 Laser Filter

LENS BLANK PART NUMBER LS-BG3-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @512-680nm
OD 7+ @518-677nm

LENS TYPE BG3

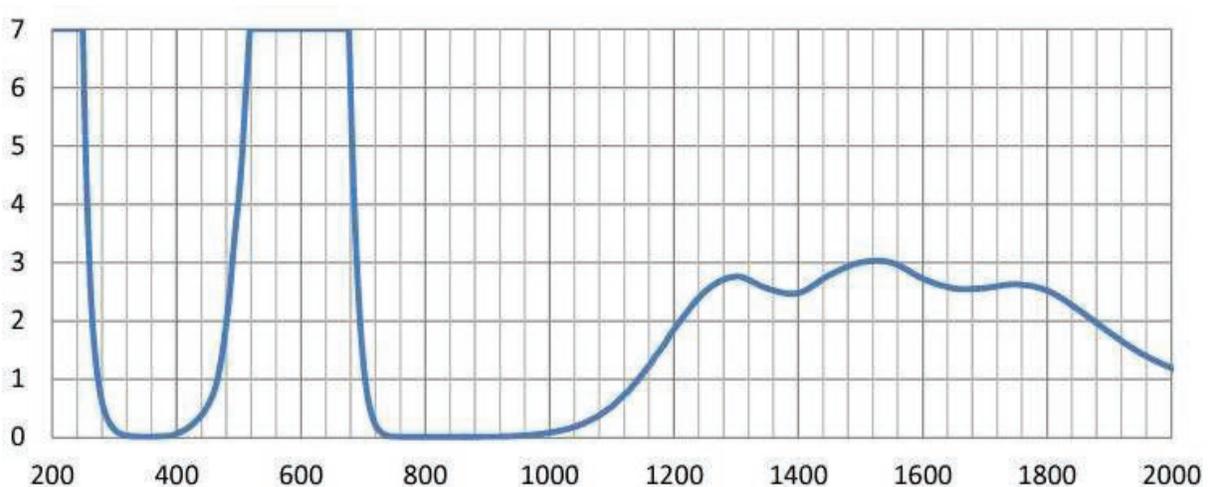
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 14.0%

COLOR Purple

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Copper Vapor, Diode

LENS BLANK PART NUMBER LS-BG36

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @570-591nm
OD 7+ @735-750nm
OD 7+ @795-811nm

LENS TYPE BG36

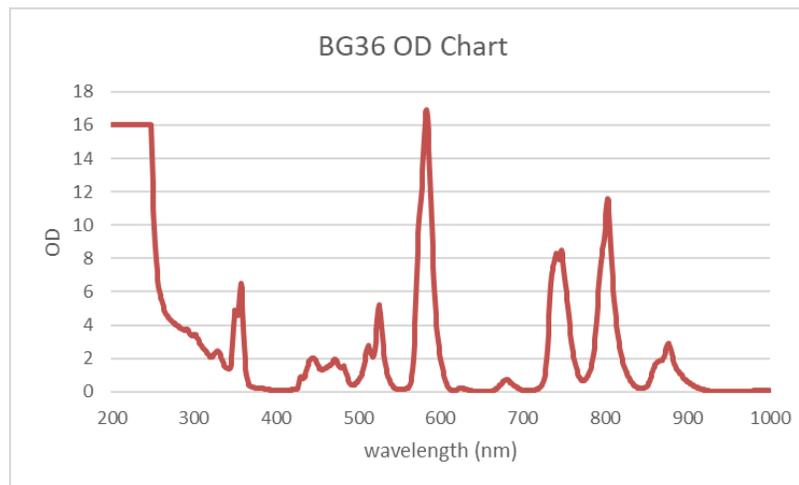
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 22%

COLOR Light Brown/Orange

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Alexandrite/Diode High Light Transmission

LENS BLANK PART NUMBER LS-BG38-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 2+ @632-632nm
OD 3+ @650-690nm
OD 6+ @690-1000nm

LENS TYPE BG38

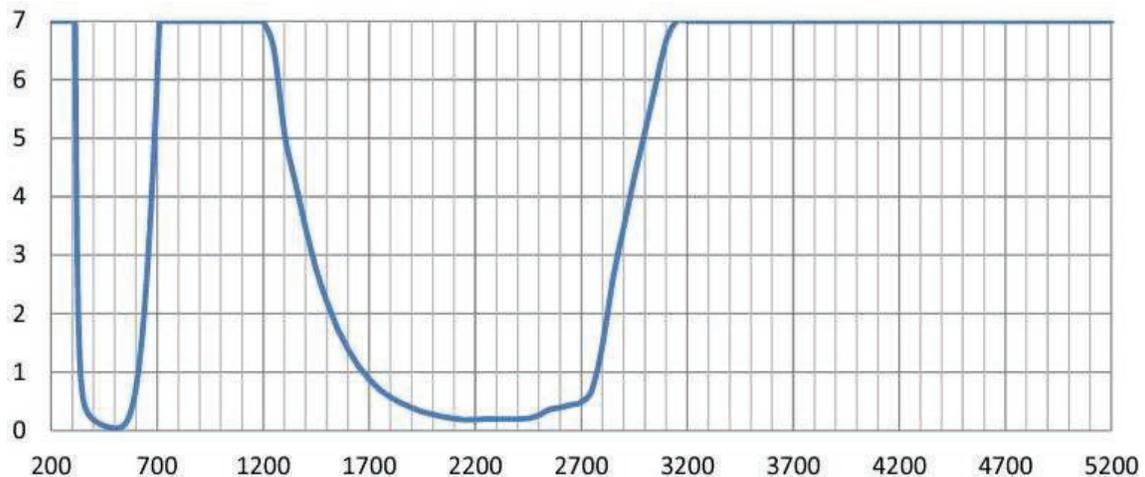
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 55.5%

COLOR Blue

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Multi-Wavelength Flat Glass

LENS BLANK PART NUMBER LS-BG39+LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-320nm
OD 7+ @675-765nm
OD 10+ @765-1050nm
OD 10+ @1050-1300nm
OD 10+ @3050-5200nm

LENS TYPE BG39+

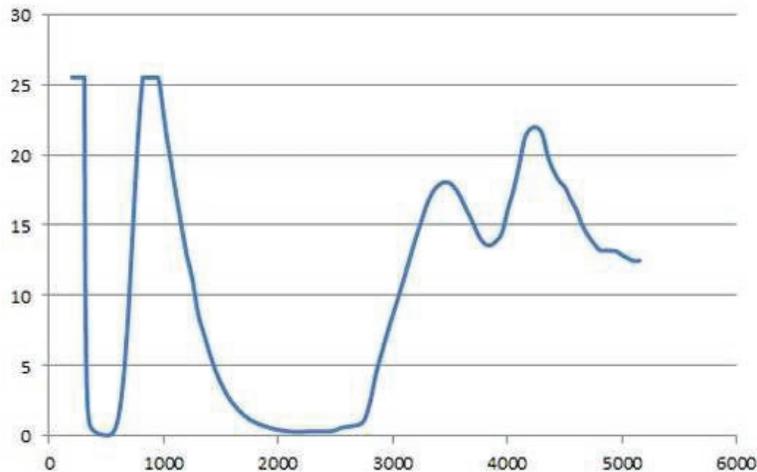
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 64%

COLOR Light Blue

WAVELENGTH CHART



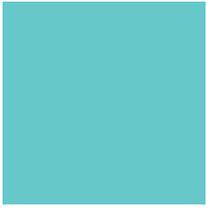
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION YAG, Alexandrite Diode

LENS BLANK PART NUMBER LS-BG42-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @700-1200nm

CE LASER RATING
700-1200 D LB6+ IR LB7

LENS TYPE BG42

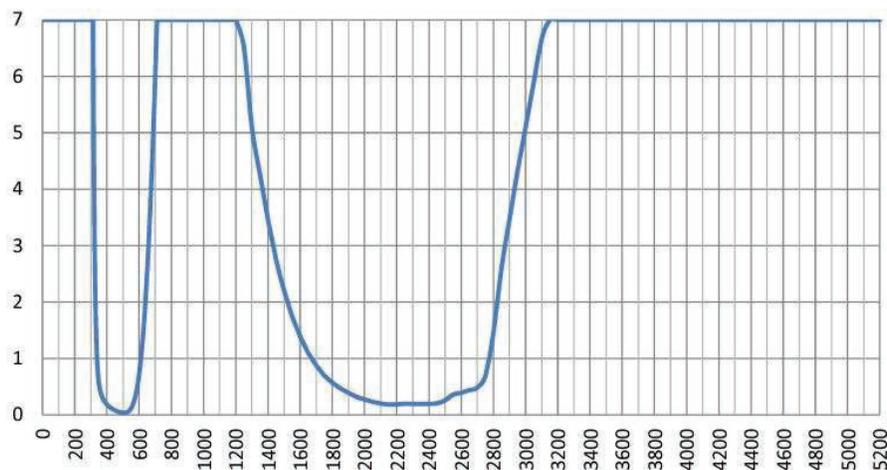
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 53%

COLOR Light Blue

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION YAG, Alexandrite Diode, Homium, CO2

LENS BLANK PART NUMBER LS-BGKG-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @200-315nm
OD 7+ @704-1600nm
OD 7+ @2850-5200nm
OD 5+ @1600-2200nm
OD 3+ @2200-2850nm

LENS TYPE BGKG

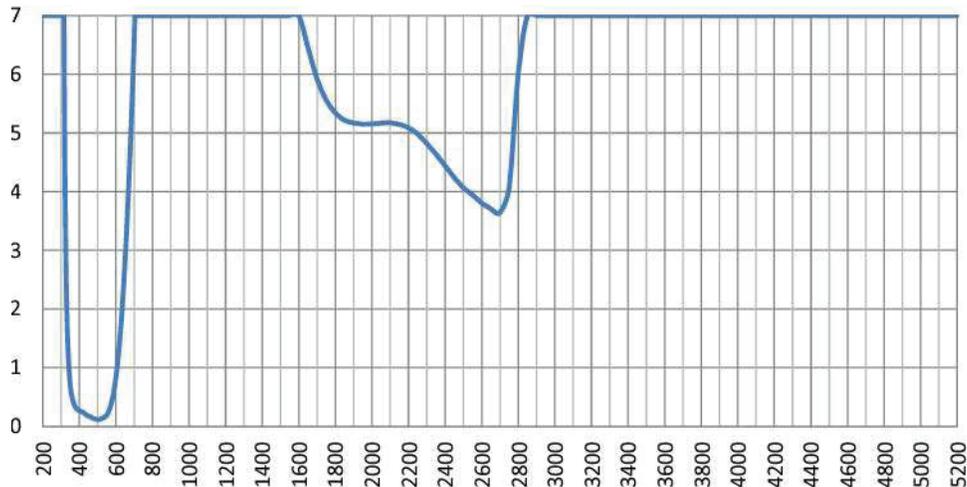
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 50.0%

COLOR Light Blue

WAVELENGTH CHART



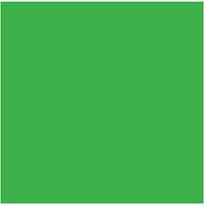
This is to certify that our product listed above meets all Safety Requirements as specified by ANSI Z87.1 and is manufactured to the tolerances required by law. This filter has been tested and conforms to ANSI Z136.1 standards for Laser protection. They are manufactured by Phillips Sadert Products, Inc. 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.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION CO2, ND Yag, Alexandrite Diode, Multiwave Length

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS BLANK PART NUMBER LS-BGYW-LB

LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @ 200-450nm
OD 1+ @ 620-636nm
OD 2+ @ 637-655nm
OD 5+ @ 690-710nm
OD 7+ @ 710-1200nm
OD 5+ @ 10600nm

LENS TYPE BGYW

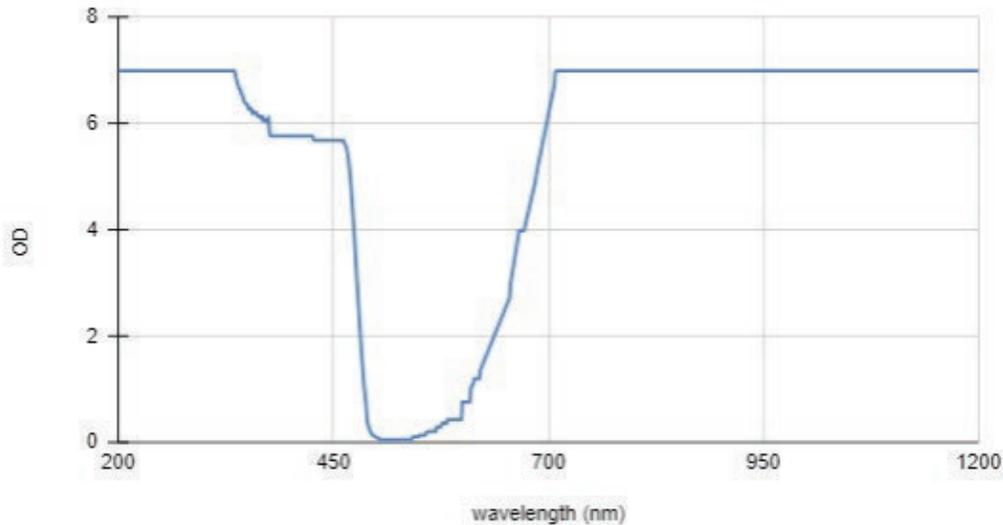
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 33%

COLOR Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION MultiwaveAKP/Holmium/Yag/Co2

LENS BLANK PART NUMBER LS-C1KG5-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @530-570nm
OD 4+ @870-949nm
OD 5+ @950-999nm
OD 7+ @1000-1550nm
OD 4+ @1551-2750nm
OD 6+ @2800-11000nm

LENS TYPE C1KG5

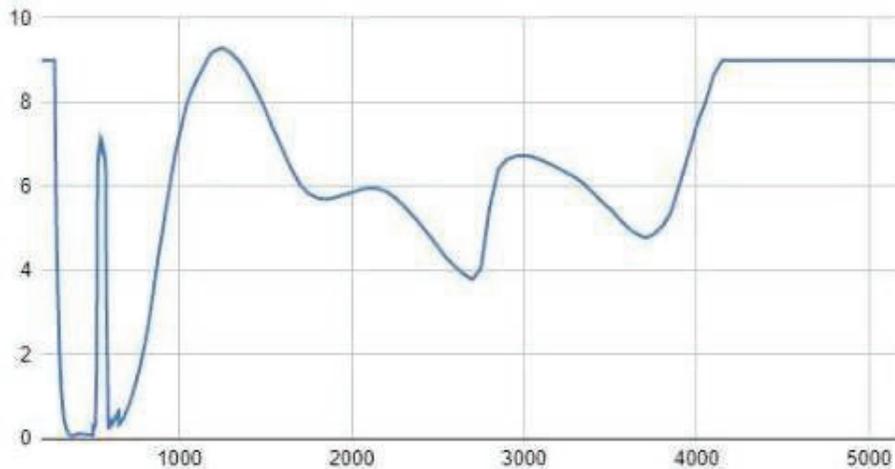
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 75%

COLOR Light Green

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Multiwave AKP/Diode/Holmium/Yag/Co2

LENS BLANK PART NUMBER LS-C2KG5-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @530-570nm
OD 4+ @655-664nm
OD 5+ @665-679nm
OD 6+ @680-695nm
OD 7+ @696-1550nm
OD 4+ @1551-2750nm
OD 6+ @2800-11000nm

LENS TYPE C2KG5

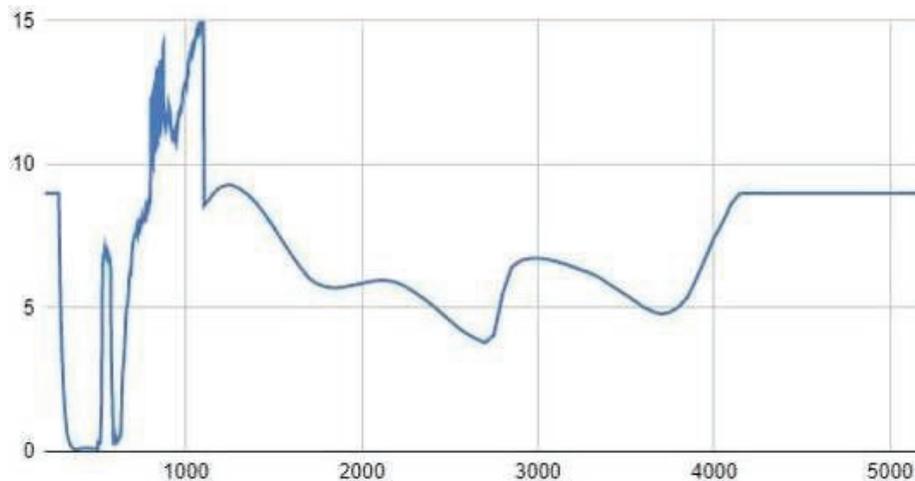
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 75%

COLOR LightGreen

WAVELENGTH CHART



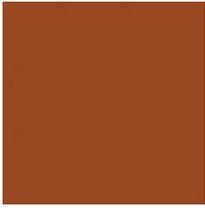
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Argon, Ruby, Diode, Aleandite, YAGand C02

LENS BLANK PART NUMBER LS-DFIU-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @190-540nm
OD 7+ @710-1200nm
OD 2+ @630-650nm
OD 3+ @650-690nm
OD 6+ @690-710nm

LENS TYPE DFIU

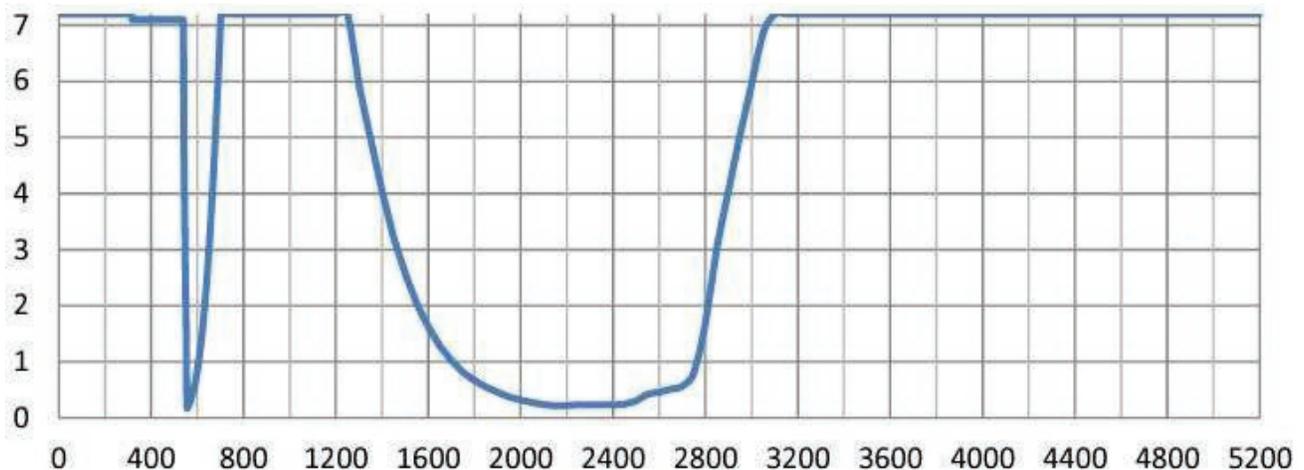
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 21.0%

COLOR Brown

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Broadband Alignment Filter

LENS BLANK PART NUMBER LS-G15-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 1+ @400-667nm
OD 0.5+ @668-700nm

LENS TYPE G15

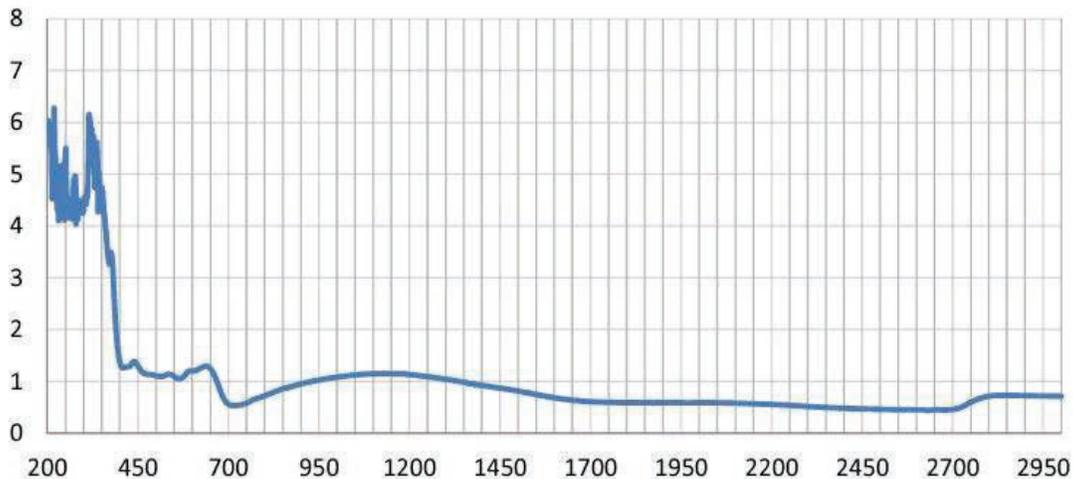
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 17%

COLOR Gray

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION AKG-5 Holmium/Yag/Co2

LENS BLANK PART NUMBER LS-KG5-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @870-950nm
OD 4+ @1550-2750nm
OD 5+ @950-1000nm
OD 6+ @2800-11000nm
OD 7+ @1000-1550nm

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

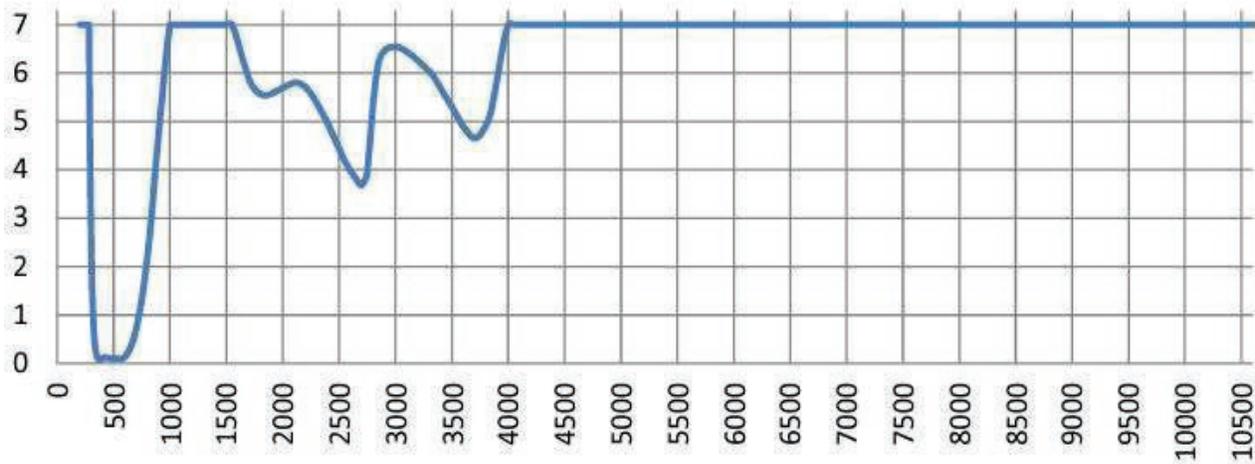
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 75%

COLOR Clear

WAVELENGTH CHART



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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION AKG-5+ Holmium/Yag/Co2

LENS BLANK PART NUMBER LS-KG5+LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @870-950nm
OD 6+ @1550-2750nm
OD 9+ @950-1000nm
OD 10+ @1000-1550nm
OD 8+ @2800-11000nm

LENS TYPE KG5+

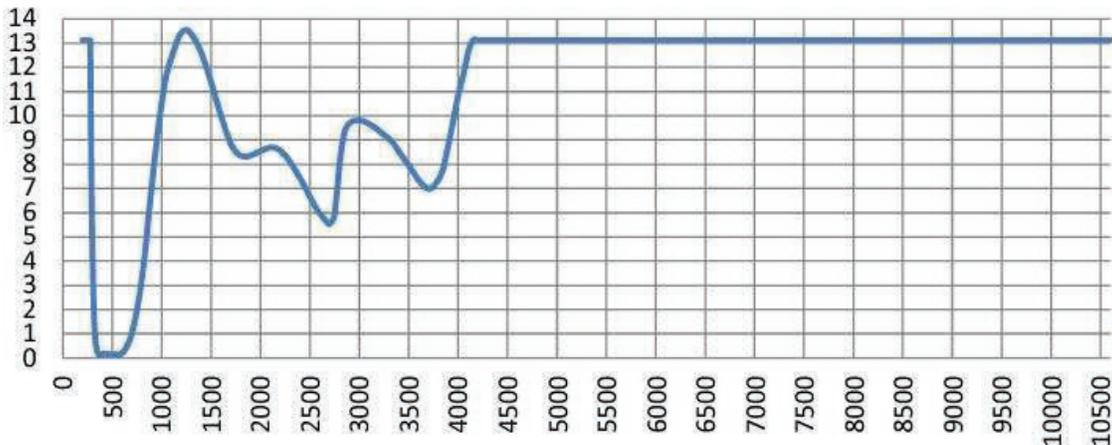
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 75%

COLOR Clear

WAVELENGTH CHART



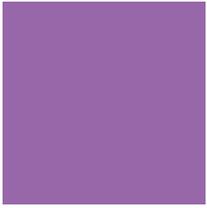
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION S806 Laser Filter

LENS BLANK PART NUMBER LS-S806-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 4+ @591-597nm
OD 4+ @570-595nm
OD 4+ @571-594nm
OD 4+ @735-755nm
OD 4+ @795-810nm
OD 5+ @592-596nm

LENS TYPE S806

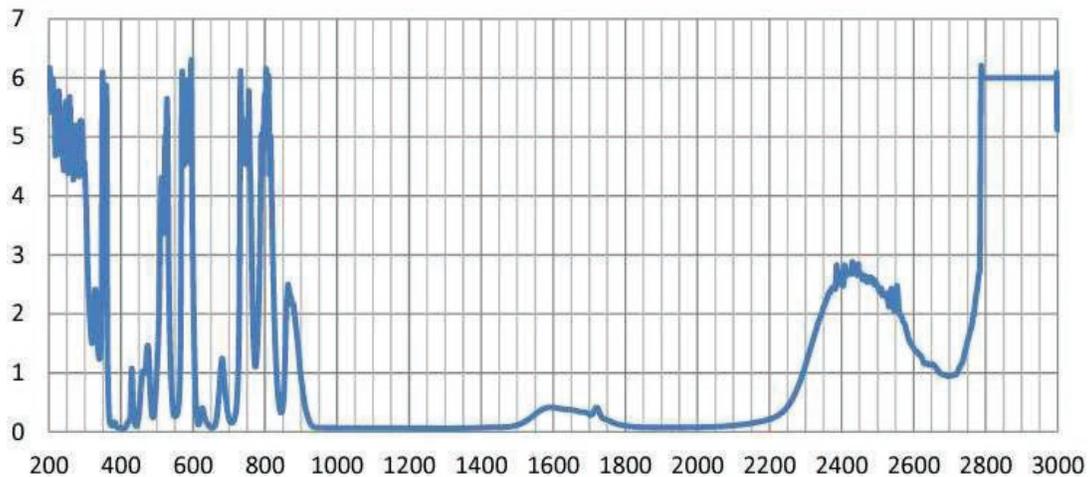
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 27%

COLOR Purple

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION UV, Excimer, AKP, CO2

LENS BLANK PART NUMBER LS-W570

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 6+ @190-535nm
OD 6+ @5000-10600nm

LENS TYPE W570

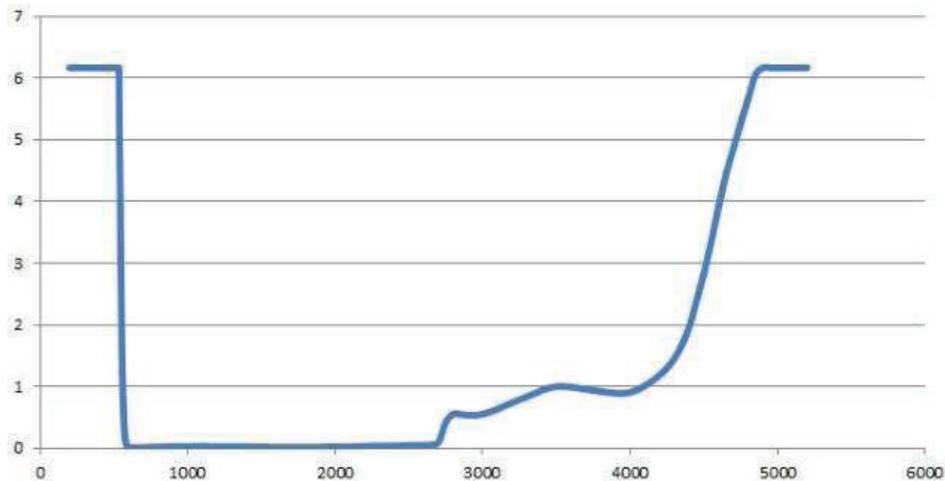
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 75%

COLOR Orange

WAVELENGTH CHART



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

CATEGORY INFORMATION
LASER

A large, stylized letter 'P' in a teal color is centered in the background of the page. The 'P' is composed of thick, rounded strokes. The top curve of the 'P' is open on the right side, and the vertical stem of the 'P' is also open at the bottom. The overall design is modern and minimalist.

**PHILLIPS SAFETY
SPECIALTY LASER
FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION BG55F

LENS BLANK PART NUMBER LS-BG55F-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @685-698nm
OD 6+ @699-711nm
OD 7+ @712-1200nm

LENS TYPE BG55F

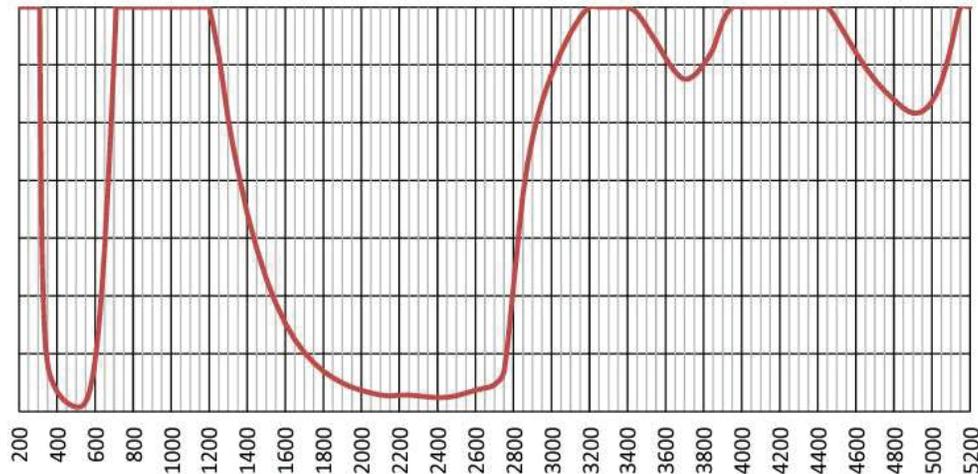
MATERIAL Glass

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 38%

COLOR Green

WAVELENGTH CHART



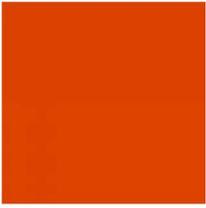
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION FTO

LENS BLANK PART NUMBER LS-FTO-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 7+ @ 190 - 535 nm
OD 3+ @ 850 - 900 nm
OD 4+ @ 900 - 950 nm
OD 6+ @ 950 - 1000 nm
OD 7+ @ 1000 - 1550 nm
OD 5+ @ 1550 - 2400 nm
OD 5+ @ 2900 - 10600 nm

LENS TYPE FTO

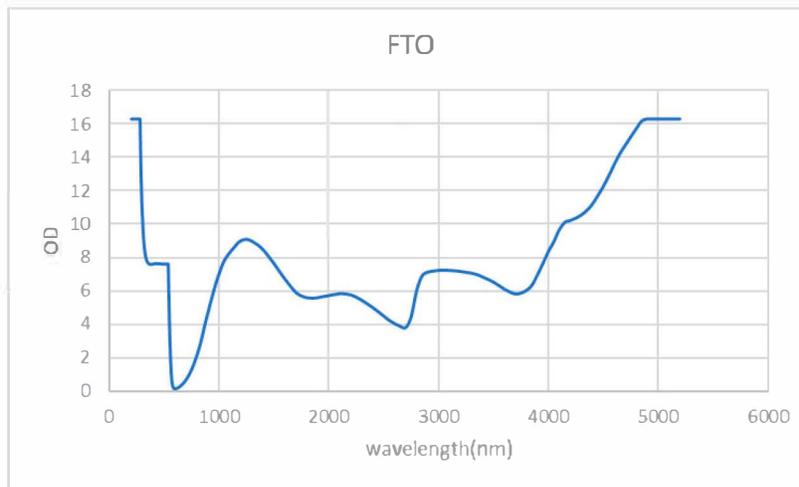
MATERIAL Flat Glass

SAFETY RATING ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 30%

COLOR Orange

WAVELENGTH CHART



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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION RG695F

LENS BLANK PART NUMBER LS-RG695F-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

190-648nm 5+

LENS TYPE RG695F

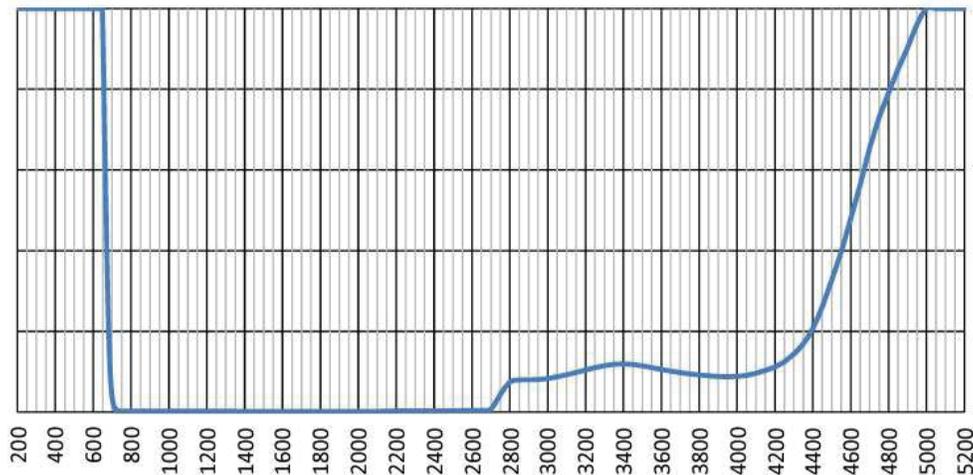
MATERIAL Glass

SAFETY RATING ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 12%

COLOR Orange

WAVELENGTH CHART



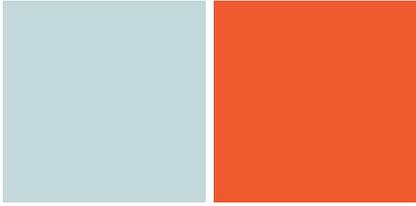
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Ryan Phillips | Vice President | Phillips Safety Products, Inc.

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION AKG-5 Holmium/Yag/Co2, Argon/KTP Lens

LENS BLANK PART NUMBER LS-KG5-LB, LS-AKP-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

KG5:

OD 4+ @870-950nm
OD 4+ @1550-2750nm
OD 5+ @950-1000nm
OD 6+ @2800-11000nm
OD 7+ @1000-1550nm

AKP:

OD 6+ @190-532nm
OD 6+ @5000-11000nm

LENS TYPE KG5 / AKP

MATERIAL Glass / Polycarbonate

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

VISIBLE LIGHT TRANSMISSION 90.5% / 46.4%

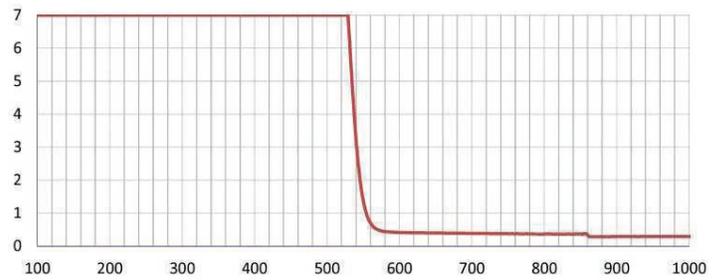
COLOR Clear / Orange

WAVELENGTH CHART

KG5:



AKP:



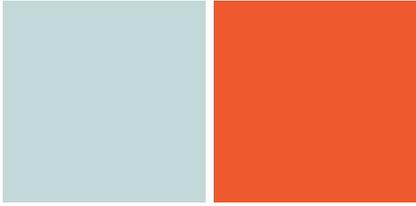
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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION AKG-5+ Holmium/Yag/Co2, Argon/KTP Lens

LENS BLANK PART NUMBER LS-KG5+-LB, LS-AKP-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

KG5+:

OD 6+ @870-950nm
OD 6+ @1550-2750nm
OD 9+ @950-1000nm
OD 10+ @1000-1550nm
OD 8+ @2800-11000nm

AKP:

OD 6+ @190-532nm
OD 6+ @5000-11000nm

LENS TYPE KG5+ / AKP

MATERIAL Glass / Polycarbonate

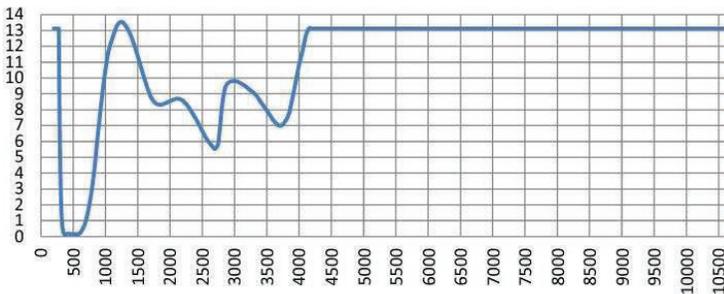
SAFETY RATING ANSI Z36.1 / ANSI Z87+, ANSI Z36.1

VISIBLE LIGHT TRANSMISSION 82% / 46.4%

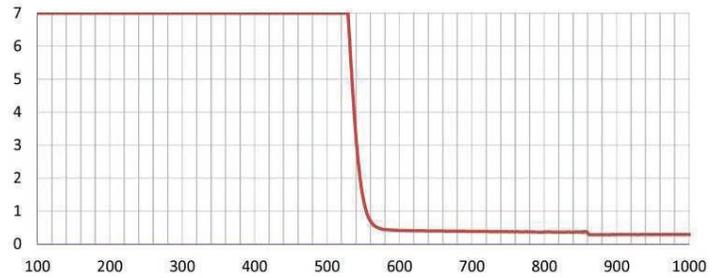
COLOR Clear / Orange

WAVELENGTH CHART

KG5+:



AKP:



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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
IPL FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Intense Pulse Light

LENS BLANK PART NUMBER LS-IPL-LB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 1.5+ @550-1100nm
OD 3+ @620-1050nm

For IPL use only.

LENS TYPE IPL

MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 14%

COLOR Green

IPL GREEN GLASSES 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 IPL laser safety glasses feature an advanced polycarbonate 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 IPL laser safety glasses makes them an ideal choice for professionals seeking superior optical performance and uncompromising safety in laser-intensive work settings.

Whether working in a laboratory, medical facility, or industrial setting, Phillips Safety's IPL 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.

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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Intense Pulse Light

LENS BLANK PART NUMBER LS-IPLB

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 1+ @190-1200nm

For IPL use only.

LENS TYPE IPL Brown

MATERIAL Polycarbonate

SAFETY RATING ANSI Z87+, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 11%

COLOR Brown

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

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

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

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Intense Pulse Light

LENS BLANK PART NUMBER LS-SS, LS-SI

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PROTECTION SPECIFICATIONS

OD 7+ 200nm-10600nm

BRAND Phillips Safety

TYPE IPL Goggles

MATERIAL Plastic

VISIBLE LIGHT TRANSMISSION 0%

FEATURES Adjustable Strap, Case

IPL LASER PROTECTION GOGGLES

IPL Patient Goggles, also known as Patient Blockout Glasses, are specialized eyewear designed to protect the patient's eyes from harmful light exposure. These goggles find frequent application during intense pulsed light (IPL) treatments, particularly when high-intensity light is directed onto the skin. In essence, IPL goggles serve as a crucial safety precaution to mitigate the risk of potential eye damage and discomfort arising from the procedure.

Phillips Safety's IPL Patient Goggles provide exceptional laser protection. The combination of Phillips Safety's expertise in laser safety and the optimal features of the patient blockout glasses makes them an ideal choice for superior eye protection during IPL treatments.

Made of high quality materials to provide the protection you need, our IPL patient goggles are available in different models and colors, with varying optical densities. All of them offer 0% of visible light transmission.

Moreover, all of our IPL patient goggles come with adjustable straps for enhanced comfort and a secure fit. This allows for accommodating various head sizes and shapes, contributing to the overall comfort of the patient during IPL treatments, while also ensuring that they stay securely in place.

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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Laser, Led, Intense Pulse Light

LENS BLANK PART NUMBER LS-TT63. LS-TT73

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PROTECTION SPECIFICATIONS

OD 7 from 315 -11,000nm
315 nm – 1,400 nm RI LB 7, D LB 6
1,400 nm – 11,000 nm DI LB 4, R LB 3

BRAND Theia Eye Block

TYPE Disposable Eye Shields

DISPOSABLE EYE SHIELDS

Disposable eye shields are protective devices designed to ensure eye safety during laser procedures. These shields play a crucial role in shielding the eyes from the potentially harmful effects of laser radiation, a risk that, if unmitigated, could lead to serious eye damage or even blindness. Commonly employed in medical fields such as ophthalmology and dermatology, disposable eye shields provide a reliable barrier against laser-related risks.

Phillips Safety's collection of disposable eye shields includes two types. The Laser Eye Shield stands out as an exemplary protective gear during laser procedures, offering comprehensive protection across a broad spectrum of lasers, ranging from 315 nm to 11,000 nm, with an optical density of 7. Designed to disperse heat emitted from infrared lasers, these shields are compliant with safety standards such as EN207 and ANSI Z136.1 and .7.

The IPL Eye Shield excels at blocking out wavelengths, energy, and intense lights generated by IPL and LED medical devices. Its unique layers reduce energy by a factor of 10,000, offering unparalleled protection for patients' eyes. With a focus on safety, hypoallergenic composition, and compliance with IPL ISO standards, this shield provides a robust defense against IPL-related risks.

Both types of disposable eye shields are manufactured in the United States and come in user-friendly packaging, with one option containing 25 pairs per box and the other featuring 50 pairs per box.

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CATEGORY INFORMATION
LASER

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**PHILLIPS SAFETY
LASER POINTER
FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Green Beam

LENS BLANK PART NUMBER LSS-PSPG

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @ 190-400nm
OD 2+ @ 532nm

LENS TYPE Green Beam

MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 33%

COLOR Orange/Peach

GREEN BEAM LASER POINTER GLASSES

Laser pointer safety glasses are specialized eyewear designed to protect the eyes of pilots from potentially harmful laser beams. Originally developed for US Military pilots, these glasses are specifically engineered to filter out and attenuate the wavelengths of light emitted by laser pointers, which can pose a significant safety risk when aimed at aircraft cockpits.

Phillips Safety's Green Beam laser pointer safety glasses feature an advanced polycarbonate orange/peach lens filter designed to provide exceptional laser protection. Whether you're working in a professional environment or simply require reliable protection for recreational laser use, these glasses are your trusted shield.

With a visible light transmission (VLT) of 33%, these glasses offer a remarkable balance between protection and visual clarity. You can count on these glasses to keep your vision sharp while safeguarding your eyes from harmful laser emissions.

In addition, our Green Beam laser pointer safety glasses meet and exceed industry safety standards, ensuring your peace of mind. These glasses undergo rigorous testing and adhere to both ANSI Z87.1 and ANSI Z136.1 safety standards, guaranteeing your safety in any laser-intensive environment. For unparalleled laser safety, choose Phillips Safety's Green Beam laser pointer safety glasses.

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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Blue Green Beam

LENS BLANK PART NUMBER LSS-PSPBG

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @ 190-400nm
OD 2+ @ 445-450nm
OD 2.5+ @ 532nm

LENS TYPE Blue Green Beam

MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 43%

COLOR Orange/Peach

BLUE GREEN BEAM LASER POINTER GLASSES

Laser pointer safety glasses are specialized eyewear designed to protect the eyes of pilots from potentially harmful laser beams. Originally developed for US Military pilots, these glasses are specifically engineered to filter out and attenuate the wavelengths of light emitted by laser pointers, which can pose a significant safety risk when aimed at aircraft cockpits.

Phillips Safety's Blue Green Beam laser strike glasses are equipped with a cutting-edge polycarbonate orange/peach lens filter that excels at providing laser protection. Whether you're in a professional setting or simply need reliable protection for recreational use, these glasses offer the security you need.

With a visible light transmission (VLT) of 43%, these glasses strike the perfect balance between protection and clarity. You can trust that your vision remains sharp while your eyes are safeguarded against harmful laser emissions.

In addition, our Blue Green Beam Laser Pointer Safety Glasses meet and exceed industry safety standards. These glasses are rigorously tested and comply with both ANSI Z87.1 and ANSI Z136.1 safety standards, ensuring your peace of mind in laser-intensive environments. Experience the perfect blend of precision, protection, and performance with Phillips Safety's Blue Green Beam laser strike glasses for laser pointer safety.

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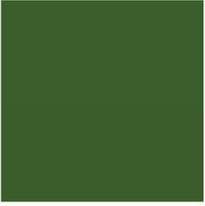


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LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Blue Green Red Beam

LENS BLANK PART NUMBER LSS-PSPBGR

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

OD 5+ @190-400nm
OD 1.5+ @440-470nm
OD 1.5+ @532nm
OD 1.2+ @633-640nm

LENS TYPE Blue Green Red Beam

MATERIAL Polycarbonate

SAFETY RATING ANSI Z87.1, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 23.3%

COLOR Green

BLUE GREEN RED BEAM LASER POINTER GLASSES

Laser pointer safety glasses are specialized eyewear designed to protect the eyes of pilots from potentially harmful laser beams. Originally developed for US Military pilots, these glasses are specifically engineered to filter out and attenuate the wavelengths of light emitted by laser pointers, which can pose a significant safety risk when aimed at aircraft cockpits.

Phillips Safety's Blue Green Red Beam laser pointer glasses are equipped with a specialized polycarbonate green lens filter that delivers exceptional laser protection. Whether you're using lasers for professional purposes or recreational activities, these glasses offer reliable and robust shielding.

With a visible light transmission (VLT) of 23.3%, these glasses strike a perfect balance between protection and visibility. Your eyes stay protected from harmful laser emissions without compromising the clarity of your vision.

In addition, our Blue Green Red Beam Laser Pointer Safety Glasses meet and exceed industry safety standards. These glasses are rigorously tested and comply with both ANSI Z87.1 and ANSI Z136.1 safety standards, ensuring your peace of mind in laser-intensive environments. Experience the perfect blend of precision, protection, and performance with Phillips Safety's Blue Green Beam laser strike glasses for laser pointer safety.

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CATEGORY INFORMATION
LASER

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**PHILLIPS SAFETY
LASER/RADIATION
FRAMES**

LASER PROTECTIVE EYEWEAR

LENS FILTER SPECIFICATIONS



PROTECTION OPTION Laser / Radiation Combination

LENS BLANK PART NUMBER RGLS

[CLICK HERE TO SEE FRAMES](#)
OR SCAN QR CODE BELOW



LENS SPECIFICATION

PROTECTION SPECIFICATIONS

SF6/PKA:
OD 6+ @190nm-349nm

SF6/KG5:
OD 4+ @870nm-950nm
OD 5+ @950nm-1000nm
OD 7+ @1000nm-1550nm
OD 4+ @1550nm-2750nm

SF6/BG42:
OD 7+ @710nm-1200nm

LENS TYPE SF6/PKA | SF6/KG5 | SF6/BG42

MATERIAL Glass Schott

SAFETY RATING ANSI Z87.1, ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 64% | Excelent | 64%

COLOR Light Pink | Light Blue | Blue

LASER/RADIATION COMBINATION GLASSES

Laser/radiation combination glasses are specialized eyewear designed to provide comprehensive protection against both laser and radiation. These glasses feature advanced filters and coatings that effectively block or attenuate the specific wavelengths associated with lasers and radiation.

Phillips Safety's collection of laser/radiation combination glasses features a variety of frames with three different laser/radiation filters protection in a single lens. By combining multiple protective features, they offer convenience and versatility for individuals working in environments where they may be exposed to different types of radiation hazards.

The SF6/PKA Radiation/Laser Glasses are tailored for safeguarding operators' eyes during procedures with C-Arm Fluoroscopy, UV, and Excimer lasers, boasting a laser optical density (OD) of 6+ within the 190 nm-349 nm range and a visible light transmission (VLT) of 64%. Similarly, the SF6/BG42 variant is crafted for protection during C-Arm Fluoroscopy, Multiwave YAG, Alexandrite Diode lasers, offering a laser OD of 7+ from 710 nm to 1200 nm and a VLT of 64%. Lastly, the SF6/KG5 Glasses are optimized for procedures involving C-Arm Fluoroscopy, Holmium/YAG/Excimer lasers, providing varying OD levels across different wavelength ranges, ensuring comprehensive eye protection.

Phillips Safety's radiation/laser glasses offer top-notch eye protection across industrial, medical, and research environments, featuring 0.75mm PbEq lenses crafted with high-quality glass from Schott.

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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
LASER WARNING
SIGNS**

LASER WARNING SIGNS

PRODUCT SPECIFICATIONS



PRODUCT TYPE Laser Warning Signs

PART NUMBER LWS

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PRODUCTS CERTIFICATIONS

ANSI Z136

BRAND Phillips Safety

TYPE Standard, Custom

MATERIAL Aluminum, Magnetic, Plastic, and Led Illuminated Signs

SHAPE Rectangle

LASER WARNING SIGNS

Laser warning signs are safety signs used to indicate the presence of laser beams or other potentially hazardous radiation. These signs are designed to warn individuals of the danger associated with the use of lasers, and they are commonly found in areas where lasers are used, such as laboratories and manufacturing facilities. They may vary depending on the type of laser and the level of danger associated with it.

At Phillips Safety, we take pride in providing our customers with a wide range of high-quality laser warning signs. Whether you have employees who handle and operate lasers or are working with low-power lasers with just a few milliwatts of output, it's important to properly warn and protect staff. Even low-power lasers can be dangerous to the human eye, making warning signs a necessity.

By using our superior laser warning signs, you can help ensure the safety of your workers and create a safer work environment. Phillips Safety's collection provides a variety of laser warning signs that come in both magnetic and plastic materials. Moreover, they are labeled with the specific type of laser radiation, such as 3A, 3B, 3R, and 4.

Furthermore, we offer a wide range of messages to choose from on our laser safety warning signs.

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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
LASER BARRIERS**

LASER SAFETY BARRIERS

PRODUCT SPECIFICATIONS



PRODUCT TYPE Laser Safety Barriers

PART NUMBER LSB

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PRODUCTS CERTIFICATIONS

ANSI Z136

BRAND Phillips Safety

TYPE Laser Barrier, Laser Window Block

MATERIAL LaserEdge

SHAPE Rectangle

LASER SAFETY BARRIERS

Laser barriers, also known as laser safety curtains or laser protective barriers, are specialized materials designed to block or absorb laser beams. They are commonly used in industrial or laboratory settings where lasers are present, to protect workers or the public from accidental exposure to laser radiation. Laser barriers can be made of various materials and are available in different sizes and shapes to fit specific areas or equipment. They are also classified based on the level of protection they provide against different laser classes and wavelengths.

Our assortment of laser barriers at Phillips Safety is designed with high-quality materials and construction to ensure maximum protection in hazardous environments. Whether you need a mobile or fixed barrier, we offer a range of sizes and shapes to meet your specific needs. Our barriers are made with double or triple-reinforced seams to provide the utmost protection against laser radiation. Additionally, we offer custom barriers that can be tailored to your unique specifications upon request.

Laser barriers are an important part of laser safety measures, and their proper use and maintenance are crucial to avoid accidents or injuries caused by laser radiation. As such, it is important that they meet or exceed the safety standards set by the American National Standards Institute (ANSI) 136.1, as is the case with the barriers available at Phillips Safety. This certification ensures that all of our laser barriers provide the necessary protection for safe use of laser.

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CATEGORY INFORMATION
LASER

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**PHILLIPS SAFETY
LASER FACE
SHIELDS**

LASER FACE SHIELDS

PRODUCT SPECIFICATIONS



PRODUCT TYPE Laser Face Shields

PART NUMBER LSB

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PRODUCTS CERTIFICATIONS

ANSI Z136

BRAND Phillips Safety

TYPE Laser Face Shields

MATERIAL Polycarbonate visor

FEATURES Adjustable Head Strap and a Ratcheting Nape Strap

LASER FACE SHIELDS

Laser safety face shields are specialized protective equipment designed to shield the face and eyes from the potential hazards of laser radiation. These face shields are constructed using materials that have been specifically chosen for their ability to block or absorb specific wavelengths of laser light. They feature a durable curved polycarbonate visor that provides visibility while offering a reliable barrier against harmful laser beams.

Phillips Safety's laser face shields provide maximum laser protection for your face and eyes. They come with an adjustable head strap and a ratcheting nape strap for a customized fit. They also have a pivot action feature that allows them to be lifted while being worn. Plus, all of our laser safety face shields comply with ANSI Z136.1 safety standards.

Our collection includes laser safety face shields for different laser applications. Each of them provides protection for different wavelengths, which can be verified in each product.

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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
ACRYLIC WINDOW**

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Acrylic Window

PART NUMBER ALS

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

Check all OD Specifications [here](#).

PRODUCT TYPE Laser Acrylic Window

MATERIAL Acrylic

SAFETY RATING ANSI Z136.1

VISIBLE LIGHT TRANSMISSION 2% to 90%

DIMENSIONS Customized

COLOR Clear, Blue, Light Blue, Amber, Violet, Rose, Orange, Yellow, Green

ACRYLIC LASER WINDOWS

Laser safety windows are specialized barriers designed to protect against the hazards of laser radiation. These windows are constructed using carefully selected materials for their ability to absorb or reflect specific laser wavelengths. By installing laser safety windows, workplaces and facilities can create controlled laser environments, where laser beams are confined and the risk of laser-related injuries or accidents is significantly reduced.

At Phillips Safety we offer a diverse selection of premium laser safety windows to meet the needs of our customers. Our comprehensive collection comprises laser window films, glass laser windows, and acrylic laser windows, each of them with options for a variety of laser filters and applications.

Our acrylic laser windows are known for their strength, durability, and resilience, as they can withstand impacts up to ten times greater than glass. They also exhibit superior weather resistance and a wide temperature range. Phillips Safety's acrylic laser windows meet ANSI Z136 standards for laser use, ensuring their exceptional quality. They are available in a range of colors with visible light transmissions ranging from 2% to 90%.

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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
GLASS WINDOW**

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Glass Window

PART NUMBER POL

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

Check all OD Specifications [here](#).

PRODUCT TYPE Laser Glass Window

MATERIAL Glass

SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 14% to 71%

DIMENSIONS 6.5" x 6.5", 3.2mm Thickness

COLOR Clear, Purple, Brown, Pink, Light Blue

GLASS LASER WINDOWS

Laser safety windows are specialized barriers designed to protect against the hazards of laser radiation. These windows are constructed using carefully selected materials for their ability to absorb or reflect specific laser wavelengths. By installing laser safety windows, workplaces and facilities can create controlled laser environments, where laser beams are confined and the risk of laser-related injuries or accidents is significantly reduced.

At Phillips Safety we offer a diverse selection of premium laser safety windows to meet the needs of our customers. Our comprehensive collection comprises laser window films, glass laser windows, and acrylic laser windows, each of them with options for a variety of laser filters and applications.

Moving on to our glass laser windows, glass is an ideal material for laser windows as it offers excellent visible light transmission (VLT) and optical density protection. It is especially suitable for applications requiring high visual quality in small areas. Phillips Safety's glass laser windows meet both ANSI Z136.1 and CE EN207 safety standards, ensuring their quality and reliability. They are available in various colors and for a variety of laser applications, offering a range of visible light transmission specifications from 14% to 71%.

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CATEGORY INFORMATION
LASER

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**PHILLIPS SAFETY
WINDOW FILM**

LASER WINDOWS & SHEETING

PRODUCT SPECIFICATION



PRODUCT NAME Laser Protection Removable Film

PART NUMBERS YLC-1PLUS, YLC-2, YLC-3, LPF-YAGDIO

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATION

PROTECTION SPECIFICATIONS

Check all OD Specifications [here](#).

PRODUCT TYPE Laser Protective Removable Window Film

MATERIAL Film

SAFETY RATING ANSI Z136.1 and CE EN207

VISIBLE LIGHT TRANSMISSION 30% | 3%

DIMENSIONS Customized

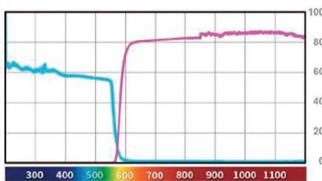
COLOR Light Blue, Red, Green

WAVELENGTH CHARTS

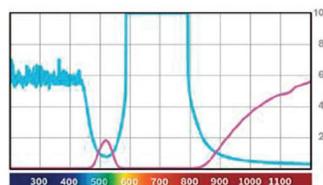
— OPTICAL DENSITY

— TRANSMITTANCE (%)

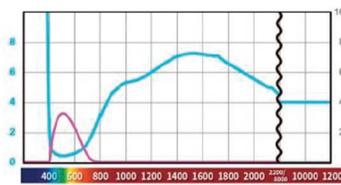
ARGON AND KTP



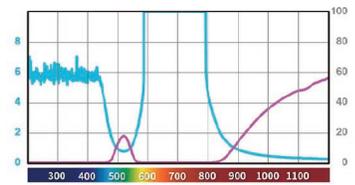
UV,ND:YAG AND DIODE



UV,ND:YAG AND HOLMIUM



YLC-3



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CATEGORY INFORMATION
LASER



**PHILLIPS SAFETY
LASER PATIENT
PROTECTION**

LASER PATIENT PROTECTION

PRODUCT SPECIFICATIONS



PRODUCT TYPE Laser Patient Protection

PART NUMBER LS

[CLICK HERE TO SEE PRODUCTS](#)
OR SCAN QR CODE BELOW



PRODUCT SPECIFICATIONS

PRODUCTS CERTIFICATIONS

CE Certified*

BRAND Phillips Safety

TYPE Laser Ocular Shields, Lid Plates, Lid Clamp, Blockout Glasses

MATERIAL Stainless Steel | Plastic

FEATURES Suction Cup, Handle, Adjustable Strap, case

LASER PATIENT PROTECTION

Safeguarding both practitioners and patients, Phillips Safety's laser patient protection products are designed with precision and care to ensure optimal safety during laser procedures.

Our laser ocular shields stand as the forefront defense against potential ocular damage during laser treatments. Crafted with high-quality materials and advanced engineering, these shields provide a reliable barrier against harmful laser radiation, offering peace of mind for both patients and medical professionals alike. With various designs and sizes available, our ocular shields cater to diverse clinical needs, ensuring comfortable and effective protection.

For added protection, consider our laser shield plates, engineered to absorb and deflect laser energy away from vulnerable areas. These plates offer a versatile solution for safeguarding specific regions of the body, minimizing the risk of accidental exposure during intricate procedures. Whether used as standalone protection or in conjunction with other safety measures, our laser shield plates provide an essential layer of defense against potential hazards.

In addition to ocular shields and shield plates, our collection includes lid clamps designed to secure protective eyewear in place, preventing slippage or displacement during treatment sessions. Engineered for compatibility with various eyewear models, our lid clamps ensure a snug and reliable fit, allowing patients to undergo laser procedures with confidence and comfort.

Furthermore, our patient blockout glasses offer comprehensive eye protection by effectively blocking out harmful laser wavelengths while maintaining visual clarity. Featuring durable construction and ergonomic design, these glasses prioritize both safety and comfort, enabling patients to undergo laser treatments without compromising on vision quality or comfort.

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.

CONTACT

Should you need any further information,
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