

Fenêtre de protection laser

La fenêtre de protection laser à absorption continue à large spectre est une plaque de protection laser à absorption efficace et sécurisée composée de méthacrylate de polyméthyle (PMMA) et de matériaux absorbant la lumière de longueur d'onde spécifique. Il n'a pas de sélection pour la source de lumière, qui peut empêcher en toute sécurité diverses lumières diffuses. Il n'a aucune sélection pour l'angle d'incidence, qui peut en toute sécurité empêcher le laser et la lumière forte de la bande d'onde spécifique de manière globale. Il a une réaction de lumière rapide et un taux d'atténuation élevé. Il est résistant à l'usure sur sa surface, une rayure n'affectera pas son degré de protection de sécurité contre le laser.

Sa performance de sécurité optique répond pleinement aux exigences de protection physiologique GJB1762-93 pour les lunettes de protection laser, passe la détection du PLA Medical Laser Metrology et du centre de recherche et obtient le certificat CE européen.

Caractéristiques du produit

- **Protection complète de toutes sortes de laser spécifique et de lumière forte**
- **Résistant aux chocs, résistant aux rayures et résistant à l'eau chaude avec une haute sécurité et durabilité**
- **Densité optique élevée, taux d'atténuation élevé et haute protection efficace et fiable**
- **Taille au choix**

Comment choisir la bonne fenêtre de protection laser ?

Veuillez vous référer au tableau suivant pour choisir la bonne fenêtre de protection laser.

Paramètres techniques de fenêtre de protection laser et type de laser applicable

Product No.	Photo	Specifications			Appilication in Laser Type
		onde cible	VLT	OD	
DCTLPW-1		190-540nm	>70%	4+	UV laser: 266/355nm etc. Ar
					Ion laser: 488-514.5nm
					Excimer laser He-Cd: 441.6nm
					Frequency doubling Nd:YAG laser: 532nm
DCTLPW-1H		190-400nm/ 800-1100nm	>70%	4+	UV laser: 266/355nm etc.
					Semiconductor laser: 808nm
					YAG laser: 1064nm
					Tunable semiconductor laser: 800-1100nm
DCTLPW-2		190-400nm/ 800-1100nm	>45%	4+	UV laser: 266/355nm etc.
					Semiconductor laser: 808nm
					YAG laser: 1064nm
					Tunable semiconductor laser: 800-1100nm
DCTLPW-3		190-400nm/ 800-1100nm	>40%	6+	UV laser: 266/355nm etc.
					Semiconductor laser: 808nm
					YAG laser: 1064nm Tunable
					semiconductor laser: 800-1100nm
DCTLPW-4		190-540nm/ 800-1100nm	>45%	4+	UV laser: 266/355nm etc.
					Ar Ion laser: 488-514.5nm
					Excimer laser He-Cd: 441.6nm
					Frequency doubling Nd:YAG laser: 532nm
					YAG laser: 1064nm
					Tunable semiconductor laser: 800-1100nm

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DCTLPW-5		190-540nm/ 800-1100nm	>45%	6+	UV laser: 266/355nm etc.
					Ar Ion laser: 488-514.5nm
					Excimer laser He-Cd: 441.6nm
					Frequency doubling Nd:YAG laser: 532nm
					YAG laser: 1064nm
					Tunable semiconductor laser: 800-1100nm
DCTLPW-6		190-400nm/ 9000-11000nm	>75%	4+	UV laser: 266/355nm etc.
					CO2 laser: 10600nm
					Tunable CO2 laser: 9000-11000nm



Certificat CE des produits

DCTLPW-1

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Lingling Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C508CDS0/R2
Product	Laser eye protector - spectacle
Type, Model	d-12pw-1
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 11191-PZA-16, 11851-PZA-17, 14881-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2025-12-31
Conformity	DIN CERTCO confirms that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please see the annex for further information.

2022-03-04
For Type-Examination
Notified body 0196

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH · Alsterstraße 16 · D-22103 Berlin · www.din-certco.de

ANNEX	
Certificate	C508CDS0/R2 dated 2022-03-04
Manufacturer's Identification	H2BC1
Marking of the product	200 - 315 D LBA CDS0 S CE 316 - 340 D LBA CDS0 S CE 340 - 360 D LBA CDS0 S CE 393 - 532 D LBA CDS0 S CE
Product specification	Mechanical strength increased robustness 5 Dialer Centre thickness: 1.8 mm Material: PMMA Colour: Orange Frame Material: PMMA Colour: Black
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alsterstraße 16 22103 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorised representative or importer based in the European Economic Area.

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DCTLPW-2

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Lingling Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C507CDS0/R1
Product	Filter against laser radiation
Type, Model	d-12pw-1
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 10741-PZA-17, 14881-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2027-03-03
Conformity	DIN CERTCO confirms that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please see the annex for further information.

2022-03-04
For Type-Examination
Notified body 0196

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH · Alsterstraße 16 · D-22103 Berlin · www.din-certco.de

ANNEX	
Certificate	C507CDS0/R1 dated 2022-03-04
Manufacturer's Identification	H2BC1
Marking of the product	800 - 820 D LBA CDS0 CE +820 - 857 D LBA CDS0 CE +857 - 1100 D LBA CDS0 CE
Product specification	Centre thickness: 2 mm Material: PMMA Colour: Green
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alsterstraße 16 22103 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorised representative or importer based in the European Economic Area. The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence. It is not permitted to mark the product with the identification number 0196.

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DCTLPW-3

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Lingling Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C507CDS0/R1
Product	Filter against laser radiation
Type, Model	d-12pw-1
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 10741-PZA-17, 14881-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2027-03-03
Conformity	DIN CERTCO confirms that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please see the annex for further information.

2022-03-04
For Type-Examination
Notified body 0196

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH · Alsterstraße 16 · D-22103 Berlin · www.din-certco.de

ANNEX	
Certificate	C507CDS0/R1 dated 2022-03-04
Manufacturer's Identification	H2BC1
Marking of the product	800 - 820 D LBA CDS0 CE +820 - 857 D LBA CDS0 CE +857 - 1100 D LBA CDS0 CE
Product specification	Centre thickness: 2 mm Material: PMMA Colour: Green
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alsterstraße 16 22103 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorised representative or importer based in the European Economic Area. The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence. It is not permitted to mark the product with the identification number 0196.

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DCTLPW-4

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Liping Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C550KCB0/R1
Product	Laser eye-protector - spectacle
Type, Model	611PW-4
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 11194-PZA-16, 14884-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2026-12-18
Conformity	DIN CERTCO certifies that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 as personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please use the annex for further information.
2022-03-04 Ref. Phys. Data base Notified body 0196	

ANNEX	
Certificate	C550KCB0/R1 dated 2022-03-04
Manufacturer's Identification	KZDC1
Marking of the product	200-215 D LBA C550 S CE 118-533 D LBA C550 S CE 803-837 D LBA C550 S CE 838-1350 D LBA C550 S CE
Product specification	Mechanical strength/increased robustness 5 Ocular Center thickness: 2.0 mm Material: PMMA Colour: Brown Frame Material: PMMA Colour: Black
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the notified body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Altenhofstraße 56 12155 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorized representative or importer based in the European Economic Area.

ANNEX	
Certificate	C550KCB0/R1 dated 2022-03-04
The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence. It is not permitted to mark the product with the identification number 0196. All changes to the product, the technical documentation or to the quality assurance system must be notified to DIN CERTCO in writing. The General Terms and Conditions of DIN CERTCO apply.	

DCTLPW-5

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Liping Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C550KCB0/R1
Product	Laser eye-protector - spectacle
Type, Model	611PW-5
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 11194-PZA-16, 14884-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2026-12-18
Conformity	DIN CERTCO certifies that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 as personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please use the annex for further information.
2022-03-04 Ref. Phys. Data base Notified body 0196	

ANNEX	
Certificate	C550KCB0/R1 dated 2022-03-04
Manufacturer's Identification	KZDC1
Marking of the product	200-215 D LBA C550 S CE 118-533 D LBA C550 S CE 803-837 D LBA C550 S CE 838-1350 D LBA C550 S CE
Product specification	Mechanical strength/increased robustness 5 Ocular Center thickness: 2.0 mm Material: PMMA Colour: Brown Frame Material: PMMA Colour: Black
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the notified body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Altenhofstraße 56 12155 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorized representative or importer based in the European Economic Area.

ANNEX	
Certificate	C550KCB0/R1 dated 2022-03-04
The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence. It is not permitted to mark the product with the identification number 0196. All changes to the product, the technical documentation or to the quality assurance system must be notified to DIN CERTCO in writing. The General Terms and Conditions of DIN CERTCO apply.	

DCTLPW-6

EU Type-Examination Certificate	
Holder	Hangzhou DCT Technology Co., Ltd. 298 8, Century Road, Liping Zone, 311300 ZHEJIANG P.R. CHINA
Registration No.	C551CDB0/R1
Product	Laser eye-protector - spectacle
Type, Model	611PW-6
Testing basis	DIN EN 207:2017-05
Test reports/Test marks	11191-PZA-16, 11195-PZA-16, 14883-PZA-21
Marking of the product	Detailed marking see annex
Validity period	2022-03-04 to 2026-12-18
Conformity	DIN CERTCO certifies that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 as personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorized representative, the technical documentation and the test report of the test laboratory. Any previous versions of this EU Type-Examination Certificate hereby cease to be valid. Please use the annex for further information.
2022-03-04 Ref. Phys. Data base Notified body 0196	

ANNEX	
Certificate	C551CDB0/R1 dated 2022-03-04
Manufacturer's Identification	KZDC1
Marking of the product	30600 D LBA C550 S CE
Product specification	Mechanical strength/increased robustness 5 Ocular Center thickness: 2.0 mm Material: PMMA Colour: Grey Frame Material: PMMA Colour: Black
Regulations/Liabilities	This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met. The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the notified body: DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Altenhofstraße 56 12155 BERLIN GERMANY Identification number of the Notified Body 0196 As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification. As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorized representative or importer based in the European Economic Area.

ANNEX	
Certificate	C551CDB0/R1 dated 2022-03-04
It is not permitted to mark the product with the identification number 0196. All changes to the product, the technical documentation or to the quality assurance system must be notified to DIN CERTCO in writing. The General Terms and Conditions of DIN CERTCO apply.	