

EU type-examination certificate

C4084.1NOIR
Rev.3

Applicant / manufacturer	NOIR Laser Company 4975 Technical Drive MILFORD, MI 48381 USA
Identification of the manufacturer	NOIR
Product type	Eye and face protector against laser radiation / Laser protection filter
Model name	YG4
Standard(s) / technical rules	Essential requirements according to Annex II of the PPE-Regulation (EU) 2016/425 EN 207:2017, EN 208:2009
Test report(s)	1171-ECS-24, MR 11711-ECS-24
Material(s)	Polycarbonate
Optical and mechanical specifications	Luminous transmittance D65: 21% Increased robustness (S)
Marking	180 - 315 D LB10 + IR LB4 + M LB6Y >315 - 450 D LB6 + IR LB7 + M LB7Y >720 - 750 DIR LB5 + M LB5Y >750 - 800 D LB6 + IR LB7 + M LB7Y >800 - 1120 D LB7 + IR LB8 + M LB8Y >1120 - 1145 DIR LB5 + M LB5Y NOIR S CE (See schedule for laser wavelength with protection class below LB5)

Herewith, ECS certifies that the named model complies with the essential requirements for health and safety as they are provided by the European Regulation (EU) 2016/425 for Personal Protective Equipment. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and/or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different markings have been assessed, the lowest marking must be applied, respectively. The validity of this EU type-examination certificate will expire on the date as mentioned below, and/or if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one and/or if the requirements in the standards or technical rules will be revised and/or tightened.

Name, address and identification number 1883 of the notified body ECS are to be indicated in the information brochure of this product.

This EU type-examination certificate is valid until 2029-09.

ECS GmbH
Notified Body 1883
18/07/25



Rolf Diebolder
ECS-Certification



ECS GmbH – European Certification Service
Augenschutz und Persönliche Schutzausrüstung
Laserschutz und Optische Messtechnik
Obere Bahnstraße 74
73431 Aalen, Germany

CERTIFICATION SCHEDULE

Company: NOIR Laser Company

ANNEX to EU-type examination certificate C4084.1NOIR Rev.3

The YG4 laser protection filter has additional protection classes for displayed laser wavelengths:

Laser wavelength	LB Class	Marking
>450nm - 460nm	DIR LB3 & M LB3Y	>450 - 460 DIR LB3 + M LB3Y
645nm - 670nm	DIR LB1 & M LB1Y	645 - 670 DIR LB1 + M LB1Y
>670nm - 690nm	DIR LB2 & M LB2Y	>670 – 690 DIR LB2 + M LB2Y
>690nm - 710nm	DIR LB3 & M LB3Y	>690 - 710 DIR LB3 + M LB3Y
>710nm - 720nm	DIR LB4 & M LB4Y	>710 - 720 DIR LB4 + M LB4Y