

Scoop

THE LATEST TRENDS, SERVICES & PROMOTIONS

HARDLINES

MARCH 2025

Do blue light-blocking products help protect your vision?

While we're big advocates for technology, we also understand that this comes with some less-than-desirable side effects. In particular, the exposure to unhealthy levels of blue light which is emitted from digital devices, which can affect sleep patterns, eye health and general mood.

Blue light is in the visible spectrum of light, which is known for its short wavelength and strength. It's naturally present in sunlight, sending signals to our brain that we should be awake, and alert during the day.

However, it's also prevalent in the digital devices we spend so much time looking at and this can send our brain many mixed messages.



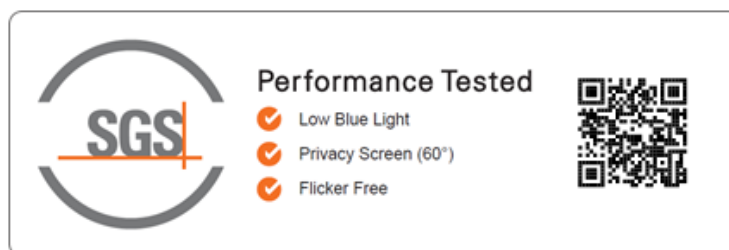
SGS can ensure your brand's products meet requirements for performance and quality wherever your destination market may be, helping promote healthy eyes and clear vision year-round.

Potential negative health outcomes associated with blue light exposure have led to the development and marketing of products that claim to block it. These include blue light-blocking glasses, intraocular lenses, and screen protectors. With such claim, how can you verify these products actually work?

At SGS, we can provide one-stop testing solutions for blue light-blocking products such as:

OF PRODUCT	TEST STANDARD
Eyewear	ISO 12312-1:2022 / EN ISO 12312-1: 2022 + A11: 2024 Eye and face protection — Sunglasses and related eyewear Part 1: Sunglasses for general use
Blue light-blocking glasses	DB44/ T 2034-2017 (as reference) Blue-light radiation resistance lenses and related eyewear— Blue-light transmittance requirements and test methods)
Blue light protection film	GB/T 38120-2019 (as reference) Technical requirements on application of light health and light safety of coating for protection against blue light

In addition to providing testing services in accordance with national and international requirements, our SGS Performance Mark Product Certification scheme is also available, which be used on the product and in promotional materials and advertising to show end-users that performance has been verified and certified by experts, hence differentiating your product from the competition.



Sample

FOR ENQUIRIES

HONG KONG

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