

AL+ SKIN PROTOCOL SYSTEM™

Device Passport

LumiTech+ Advanced | LED Face Mask



Public transparency document

- A documented summary of the device logic, compliance framework, optical validation, safety documentation, quality review, and post-market feedback process for this device.
- Prepared as part of the AL+ Skin Protocol System™ - adapted here as a structured technology and device-evidence framework for LumiTech+ Advanced.
- This document is intended for public transparency.

PRODUCT NAME	LumiTech+ Advanced
SHORT DESCRIPTION	Advanced LED Face Mask
TEXTURE	Flexible silicone cosmetic and wellness LED device
SKIN TYPES	For cosmetic and wellness home use; follow the user manual and contraindications
RESPONSIBLE PERSON	ALMA DERM Ltd., Sofia, Bulgaria
EU FRAMEWORK	EU Declaration of Conformity and technical documentation on file
DOCUMENT	Device Passport v1.0
DOCUMENT CODE	ALP-DP-LMT-001
ISSUE DATE	05.05.2026
WEBSITE	www.alpluscosmetics.com

Evidence Summary

Key evidence points

- LumiTech+ Advanced is positioned as a non-medical cosmetic and wellness LED face mask for home-use skincare routines.
- EU Declaration of Conformity issued by ALMA DERM Ltd. for model FR-LM12; the device is declared for cosmetic and wellness use and not as a medical device.
- Four-wavelength LED system: Blue ~460 nm, Yellow ~590 nm, Red ~630 nm and Near-Infrared (NIR) ~850 nm.
- Optical and radiometric characterization performed through Sofia Tech Park spectral analysis and Technical University of Sofia radiometric testing under ISO/IEC 17025 traceability.
- Calibrated validation baseline includes average irradiance values from 24.19 to 38.87 mW/cm² and calculated 20-minute radiant exposure from 29.03 to 46.64 J/cm², depending on mode.
- CE / EMC, RoHS and EN / IEC technical documentation are retained on file. This document does not constitute an external regulatory certification.

Protocol Overview

STAGE 01 Device Logic How the device is designed to support a cosmetic LED skincare ritual.	STAGE 02 EU Device Framework How the device is positioned and documented for the EU market.	STAGE 03 Optical & Radiometric Validation What independent and technical measurements show about light output.
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<p>STAGE 04 Safety & Use Assessment</p> <p>How intended use, warnings and safety controls define the user framework.</p>	<p>STAGE 05 Device Quality & Traceability</p> <p>How quality control, batch records and serial tracking support consistency.</p>	<p>STAGE 06 Post-Market Device Feedback</p> <p>How user feedback, warranty cases and quality signals are monitored.</p>
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STAGE 01 | DEVICE LOGIC

LumiTech+ Advanced LED Face Mask is a high-tech cosmetic and wellness LED device developed for controlled at-home light exposure as part of a skincare routine. The device platform combines visible light modes and Near-Infrared (NIR) support to create a structured LED ritual for radiance, smoother-looking skin, visible calmness and routine-level skin vitality.

Technology architecture - 70 optical blocks x 4 LEDs = 280 LED architecture for the new commercial design; four wavelength families: Red ~630 nm, Blue ~460 nm, Yellow ~590 nm and NIR ~850 nm. Available validation reports provide the current optical and radiometric baseline for the LumiTech+ platform.

Role in routine - Used as a 10-20 minute at-home LED ritual according to the user manual. It can be combined with AL+ skincare routines, but it does not replace cosmetic products, sunscreen or professional medical advice.

Technical specification - Public technical information is available in the user manual, product page and AL+ technical documentation.

STAGE 02 | EU DEVICE FRAMEWORK

LumiTech+ Advanced LED Face Mask is documented as a non-medical electrical cosmetic and wellness device for the European market. ALMA DERM Ltd. acts as EU economic operator / importer and retains the technical documentation for competent authorities upon justified request.

- Intended exclusively for cosmetic and wellness use; not a medical device under Regulation (EU) 2017/745.
- EU Declaration of Conformity issued by ALMA DERM Ltd. for LumiTech+ Advanced LED Face Mask, model FR-LM12.
- Compliance documentation references EMC Directive 2014/30/EU and RoHS Directive 2011/65/EU + (EU) 2015/863; broader technical file documentation also covers relevant electrical safety, photobiological safety, WEEE marking and user-instruction requirements.
- User manual, CE marking, importer details, batch / lot identification, warnings and contraindications are maintained as part of the device documentation.

STAGE 03 | OPTICAL & RADIOMETRIC VALIDATION

Technical and laboratory evidence includes spectral characterization, calibrated radiometric testing, CE / EMC documentation, RoHS chemical analysis and supporting electrical / photobiological safety documentation. Original reports are retained by ALMA DERM Ltd. and may be made available to competent authorities and qualified partners upon justified request.

EVIDENCE AREA	SOURCE / BODY	METHOD / STANDARD	KEY RESULT
Spectral characterization	Sofia Tech Park / AL+ Optical & Spectral Characterization Report	Agilent Technologies Cary Eclipse Fluorescence Spectrometer; raw CSV spectral datasets	Dominant feature wavelengths identified around Blue ~460 nm, Yellow ~590 nm, Red ~630 nm and NIR ~850 nm.
Calibrated radiometric testing	Technical University of Sofia - accredited laboratory	Test protocol No. 26-7958 / 25.02.2026; ISO/IEC 17025 traceability	Absolute irradiance, radiant exposure and spatial uniformity measured for Red, Blue, Yellow and NIR modes.
Radiometric output baseline	AL+ Optical & Radiometric Validation Report v1.0	Calibrated maximum-emission measurements	Average irradiance ranged from 24.19 to 38.87 mW/cm ² depending on mode; calculated 20-minute dose ranged from 29.03 to 46.64 J/cm ² . Uniformity ranged approximately 0.65-0.88.
EU Declaration & CE / EMC documentation	ALMA DERM Ltd.; manufacturer / third-party test package	EU Declaration for model FR-LM12; EN 60601-1-2:2015+A1:2021; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:2009+A2:2021	Device declared for cosmetic and wellness use only, not as a medical device. EMC documentation reports Pass for the tested configuration and supports CE / EMC compliance documentation.
RoHS, electrical and photobiological safety documentation	Manufacturer / third-party certificate and test package	RoHS Directive 2011/65/EU + 2015/863/EU; IEC 62321 series; EN 60601-1; EN 62471:2008	Submitted sample components passed the restricted-substance assessment. Supporting safety documentation reports Pass for the tested configuration; used as technical safety evidence, not as medical-device approval.

* Optical and radiometric results refer to the tested samples and measurement conditions described in the reports. The new 280-LED commercial design should be considered aligned with the LumiTech+ platform baseline unless final production-sample validation defines updated values. These results do not constitute medical or clinical efficacy claims.

STAGE 04 | SAFETY & USE ASSESSMENT

LumiTech+ Advanced is intended for controlled cosmetic and wellness use only. The safety framework is based on defined intended use, time-controlled sessions, user instructions, contraindications, eye-protection guidance, electrical safety documentation and responsible claims policy.

This assessment does not apply to users with contraindications, photosensitivity, active skin disease, recent procedures, implanted electronic devices or any condition listed in the user manual. Users should stop use if discomfort, unusual redness, irritation or adverse reaction occurs.

The device is not waterproof and must not be used with water, wet hands or damaged cables. It should be operated only according to the supplied instructions.

STAGE 05 | DEVICE QUALITY & TRACEABILITY

As part of the AL+ Skin Protocol System™, LumiTech+ Advanced is subject to device-level quality and traceability review before release and during post-market monitoring.

- Functional testing, visual inspection and electrical / optical documentation are reviewed as part of the device quality file.
- Batch and lot identification support traceability, warranty validation and quality follow-up.
- CE, RoHS, user manual, warnings, importer details and product identification are reviewed as part of release documentation.
- Material, optical-output or electrical-architecture changes require technical review and documentation update before public claims are finalized.

Storage - Store at room temperature, away from direct sunlight, moisture and heat. Keep the device dry. Use only with compatible charging accessories and according to the user manual.

STAGE 06 | POST-MARKET DEVICE FEEDBACK

After launch, AL+ Cosmetics monitors customer reviews, customer-service queries, warranty cases and any device-quality or safety-related signals through ALMA DERM Ltd. Findings are reviewed periodically and may inform future decisions related to product communication, instructions, quality review and development.

- Device-quality and adverse-effect reporting channel: info@alpluscosmetics.com
- Warranty and quality feedback reviewed periodically as part of the AL+ product review cycle.

Notes & Disclaimer

What this device is - This device is a non-invasive cosmetic and wellness LED face mask intended to support skincare routines and the appearance of the skin through controlled LED light exposure.

What this device is not - This device is not a medical device, therapeutic device, diagnostic product or ophthalmological product. It is not intended to diagnose, treat, cure or prevent any disease, including acne, rosacea, inflammation, pain, wound healing or any other medical condition.

Use guidance - Use only according to the supplied user manual. Do not exceed recommended session time or frequency. Avoid direct eye exposure and follow all contraindications and warnings. If irritation or discomfort occurs, discontinue use and seek advice from a qualified healthcare professional if needed.

Scope of evidence - The AL+ Skin Protocol System™ is a quality and evidence framework operated by AL+ Cosmetics / ALMA DERM Ltd. For LumiTech+ Advanced, it summarizes device logic, intended use, compliance documentation, technical testing and post-market feedback. It does not constitute an external regulatory certification, medical approval, clinical efficacy study or therapeutic claim. Technical values presented in this document refer to available reports and tested samples.

