LUMATIC LAB // ACO ASE Converter v2.2

Documentation Addendum - v2.2

Applies to: the v2.1 First Walk-Through, User Guide, Tooltip Library and Technical Guide. The fully regenerated v2.2 set supersedes those earlier guides.

This revision corrects parsing, asynchronous loading, selection history, storage resilience, keyboard access, saving and documentation. The workflow now includes original-order CSV and offline ZIP output, so the guides are reprinted rather than leaving obsolete save instructions in place.

1 Correct ACO decoding and binary validation

Standard 16-bit decoding replaces the automatic low-value heuristic. Explicit 8-bit compatibility affects future loads. ACO sections, ASE blocks, name terminators, group balance, counts and domains are validated completely. ACO grayscale and Lab, and ASE Lab, are now supported; profile-dependent conversion is labelled APPROXIMATION.

2 Cancel stale work and preserve edit identity

Clearing/restarting prevents late reads from restoring cleared content. Stable preset IDs replace index history. Undo/redo persist the restored state and full ledger event. Denied browser storage falls back to memory. Rows retain focus, the modal contains focus, and SOURCE accessibility state follows resets.

3 Save snapshots and choose additional formats

SAVE FORMAT exposes gradient CSV, source-order CSV, individual LUT or ZIP through an active/all pair. CSV data rows contain colours only and names become ignored comments. LUT titles are single-line safe; batch settings are captured once, overlapping saves are blocked and cancellation stops further requests.

Correction to the Technical Guide

Replace the exact WYSIWYG LUT claim with APPROXIMATION between 33-point lattice nodes. Floating-point interpolation now continues until final quantisation. Source-order CSV retains converted RGB values, not native Lab/CMYK data. Native-resolution pixels remain deliberately absent because this converter cannot save a raster image.

4 Align the interface and document set

The header remains fixed at 50 pixels and does not wrap. Core v23.13 corrects the earlier test-card wording: embed the approved TEST CARD.png at its supplied 800 x 622 size; do not invent labels or a rose motif. The guide set uses policy filenames, complete standard/progressive tooltip text, A4 portrait, the embedded logo and Photoedithelp.com branding.

Unchanged still correct

The tool stays offline and self-contained. It maps source luminance through generated palette gradients, supports the original tone and blend modes, keeps radio-style selection, confirms destructive removal and excludes SOURCE/ZEBRA from saved transforms. The original v2.1 HTML remains unchanged.

(c) Photoedithelp.com - All Rights Reserved