

LumaticLAB Relight (POC)

Tooltip Library

Documentation v1-1 | Application v1-6 | 6 October 2026

Suggested tooltip and help text for application v1-6. This library does not install new tooltips in the HTML. Use descriptions that reflect the actual glow simulation.

Main controls

Control	Suggested text
Control	Meaning
Sample Image	Ronaigh at Kilmartin opens first. Engine 40 at Ely and Ecuador Falls at Ecuador are embedded alternatives. Samples reset lights and composition; custom imports retain them.
Light tabs / pins	Choose a light. Drag within 5%-95% of the frame. Arrow keys move 1%; Shift plus arrow moves 5%.
Add Light / Remove	Adds a source near centre or removes the active source. At least one remains.
Color Temperature	Sets an approximate warm/cool RGB colour. K means kelvin.
Light Tint / Hue	Sets colour directly without updating the kelvin label.
Close / Far (Depth)	Changes glow radius; no inferred scene depth.
Intensity	Changes glow strength.
Diffusion (Softness)	Changes glow spread.
Original Lighting Retention	Changes source opacity over black. Does not isolate original lighting.
Ambient Shadow Contrast	Uniform darkening; no object-aware shadows.
Black / White / 50% Gray	Default #808080. Excluded from image export.
Lighting Presets...	Save settings in a browser list or portable JSON files.
Save Image...	Choose filename, format, quality and dimensions.
Walkthrough & Morganti Video Guide	Video opens YouTube only when selected.
EXIT	Browser may require you to close the tab manually.

Preset manager

Control	Suggested text
Save to Preset List	Enter a name; save current lighting. Same name, ignoring case, asks before replacement. Maximum 100 saved presets.
Saved preset list	Select a name to show light count, colours, original retention and shadow settings. Selection alone does not apply it.
Load Selected	Applies selected lighting to the current photograph. Does not change the photograph.

Control	Suggested text
Delete Selected	Asks before removing the selected browser-list entry. Exported files remain.
Export Current JSON	Downloads current lighting settings; does not require saving to the list first.
Export Selected JSON	Downloads the selected stored preset, even if different from current lighting.
Import JSON...	Validates a file and adds it to the list. Choose Load Selected afterwards to apply it. Duplicate names ask before replacement.
Close / Escape	Closes the manager.
Storage fallback	If browser storage fails, presets stay in this session. Export JSON for a reliable backup.

Save Image panel

Control	Suggested text
Filename	Enter a name without extension. Spaces and other unsupported characters become hyphens; saved base name is limited to 80 characters.
PNG	Lossless pixel encoding; generally larger files.
JPEG	Quality slider 50%-100%, initially 92%. Lossy encoding may change fine detail.
Original dimensions	Exports at the decoded photograph width and height.
1200 px long side	Limits the longer dimension to 1200 pixels; smaller sources are not enlarged.
Custom long side	Whole number from 1 to the original longest dimension. The other dimension is rounded proportionally.
Preview / size summary	Shows composition preview, dimensions, estimated encoded size and format. Preview is rendered before JPEG compression.
Save Image	Uses a location picker where exposed by the browser; otherwise normal downloads. Cancelling the picker leaves the panel open.
Cancel / Escape	Closes the panel without starting a new export.

Messages and accuracy

Situation	Suggested message
No preset name	Enter a preset name first.
Storage unavailable	Preset kept for this session only. Export JSON for a backup.
Preset imported	Imported preset. Choose Load Selected to apply it.
Invalid dimensions	Enter a whole-number long side between 1 and the original maximum.
Image saved	Show the exported filename and dimensions.
Cancelled location picker	Save cancelled.
External video	Watch Morganti Video on YouTube - internet required.

Describe Depth as glow radius, Original Lighting Retention as source opacity, and Ambient Shadow Contrast as uniform darkening. Avoid promising scene-aware 3D illumination, original-light separation or generated cast shadows.

Accessibility notes

Background buttons expose aria-pressed. Numbered pins are buttons with arrow-key movement. Preset and export panels use labelled native dialogs, with labelled form controls and live status messages. Keep keyboard focus visible. Check focus order, Escape, screen-reader labels and disabled-button feedback in browser acceptance testing.