



Lumatic Lac - Image Sculptor Special Note

To create a **B & W image** using the **Lumatic Lab // IMAGE SCULPTOR** app and the provided LUT (.cube) files, follow this step-by-step process:

1. Initialize the Environment

- **Launch the App:** Open **IMAGE SCULPTOR 8-6-0.html** in a modern Chromium-based browser.
- **Load Source Image:** Click the [**LOAD IMAGE**] button in the left sidebar or drag your source photo directly onto the **Viewport**.
- **Establish a Neutral Baseline:** Ensure all calibration sliders in the **3. GRADE (CALIBRATION)** panel are set to **0.00**.
- **Set Workspace Background:** Select the **Middle Gray (#7F7F7F)** swatch in the header to ensure optical neutrality during color assessment.

2. Load LUTs

- **Upload .cube Files:** Click the [**LOAD LUT**] button in the right sidebar and select your two attached LUT files. Alternatively, drag the **.cube** files anywhere over the app.
- **Verify Load:** Confirm that the LUT names appear in the scrollable **LUT STACK**.

3. Audition and Superimposition

- **Select a Look:** Click a LUT name in the stack to apply it. The active LUT will be highlighted in **Fluorescent Turquoise (#38BDF8)** with its name appearing in orange text.
- **Tonal Layering:** If you have grayscale maps loaded in the **2. TONAL (CSV)** stack You can click one to superimpose it with your active LUT.
- The app will calculate the net result of both the Tonal map and the 3D LUT simultaneously.



4. Calibrate Tone Strength

- **Adjust Intensity:** Locate the **Tone Strength** slider in the Calibration panel.
- **Set Depth:** Slide between **0.00** (no effect) and **1.00** (full laboratory grade) to find the appropriate depth for your asset.
- **Note:** The fixed **Tone Strength** slider now correctly updates the numerical value in the UI as you move it.

5. Fine-Tuning

Use the **3. GRADE (CALIBRATION)** panel to resolve any tonal discrepancies introduced by the LUT:

- **Exposure:** Adjust the overall brightness multiplier.
- **Shadows/Highlights:** Use these sliders to recover detail in the extreme ends of the histogram.
- **Duo Pivot:** Adjust the **Duo Pivot** slider to shift the balance between light and dark contrast areas.

6. Execute Quad-Tier Export

- **Identify the Asset:** Enter a unique name in the **IDENTITY** field.
- **Execute Output:** Click **Execute Output** to trigger the generation of your laboratory bundle.
- **Verify Files:** The app will automatically download four files:
 1. **FULL:** The master high-resolution JPEG.
 2. **1200:** A production-ready preview image.
 3. **200:** A forensic thumbnail for database archival.
 4. **_33.cube:** A professional 33³ 3D LUT that captures the exact mathematical net result of your active LUT, Tonal map, and calibration settings.