1. **Save your subs** to the appropriate folders (Lights, Flats, Darks, Biases).
2. **Set your Home** to the folder containing the folders with the images.
3. Click *Home* and go to the Lights folder. Review each of your subs in the preview window and delete any with artifacts.
4. **Stack your images.**
   a. For a **Single Night** (or everything combined). Run the *OSC_Preprocessing.ssf, OSC_Preprocessing_WithoutDBF.ssf,* or *Seestar_Preprocessing.ssf* script.
   b. For **Multiple Nights**. Stack each night separately with *OSC_Preprocessing.ssf*. Select the pp_light_# files from each run's process folder. Rename them and save them together in a new Lights folder. Stack again with *OSC_Preprocessing_WithoutDBF.ssf.*
5. **Crop your stacked image** to remove artifacts around the edges.
6. **Remove Gradients** by Extracting the Background within Siril or with the *GraXpert-AI.py, AutoRBE.py*, or *VeraLux_Nox.py* script.
7. Run *Image Plate Solver* and then adjust the color with **Photometric Color Calibration (PMCC)** or **Spectrophotometric Color Calibration (SPCC)**.
8. **Sharpen the stars** using deconvolution within Siril or with the *CosmicClarity_Sharpen.py* or *VeraLux_StarComposer.py* script.
9. **Remove the Stars** with **Starnet Star Removal** or the *SyQon-Starless.py* Scrip.
10. **Stretch the Starless Image**. Choose from Option 1-5 and then Optional Step 1 or 2.
    a. (Option 1 HT): Run the **Histogram Transformation** and perform the automatic stretch.
    b. (Option 2 ASINH & HT): Do a more manual stretch.
       i. Run **ASINH Transformation** until you just see your image.
       ii. Run the **Histogram Transformation**
          - Crop the shadows (move shadow slider to the right).
          - Brighten the image (move mid-point slider to the left).
    c. (Option 3 GHS): Run the **Generalize Hyperbolic Stretch Transformations**.
    d. (Option 4 SS): Run the *Statistical_Stretch.py* script.
    e. (Option 5 VLHM): Run the *VeraLux_HyperMetric_Stretch.py* script.
    f. (Optional Step 1): Run the **Curves Transformation** or *VeraLux_Curves.py* script. Pull the shadows down and mid-tones up.
    g. (Optional Step 2): Run the **ASINH Transformation.** Adjust the Black Point.
11. **Remove Noise** within Siril or the *CosmicClarity_Denoise.py, GraXpert-AI.py* or *VeraLux_Silentium.py* script. You can do this to the starless image after an initial stretch and before any addition adjustments (e.g., curves). Calculate the noise level with **Tools > Image Analysis > Noise Estimation**.
12. **Recombine the Stars** with **Star Recomposition**. While doing so, **stretch the starmask image.** Adjust the stretch factor (ln(D+1)) from 1 to 10 using either:
    a. **Simple** (default).
    b. **Advanced** and **Generalized Hyperbolic Transformation**.
13. Further sharpen the image by running script *HDR_multiscale.py* or *VeraLux_Revela.py.* You can also do this to the starless image above.

Siril Workflow

Save your Subs (Lights, Flats, Biases, and Darks) → Set your Siril HOME directory → Review your Lights. Remove any with artifacts.

Stack your Images (Single Night)
- *OSC_Preprocessing.ssf,*
- *OSC_Preprocessing_WithoutDBF.ssf*
- *Seestar_Preprocessing.ssf*

↔

Stack your Images (Each Night)
- *OSC_Preprocessing.ssf,*
- *Seestar_Preprocessing.ssf*

Stack your Images (Combined)
- *OSC_Preprocessing_WithoutDBF.ssf*

Remove Background (Gradients)
- *GraXpert-AI.py*
- *AutoRBE.py*
- *VeraLux_Nox.py*

Color Calibration
- *Image Plate Solver*
- *Spectrophotometric Color Calibration (SPCC)*

Sharpen Stars (and Object)
- *CosmicClarity_Sharpen.py*
- *VeraLux_StarComposer.py*

Remove the Stars
- *Starnet Star Removal*
- *SyQon-Starless.py*

Initial Stretch
- *Histogram Transformation*
- *ASINH Transformation Histogram Transformation*
- *Generalize Hyperbolic Stretch*
- Statistical_Stretch.py
- VeraLux_HyperMetric_Stretch.py

→

Denoise
- *CosmicClarity_Denoise.py*
- *GraXpert-AI.py*
- *VeraLux_Silentium.py*

Recombine the Stars
- *Star Recomposition*
- *VeraLux_StarComposer.py*

→

Final Stretch
- *Curves*
- *ASINH Transformation*