

## **BatchFiberExtract**

Line 51: Debayer Mode – specifies which method will be used for debayering the image. **THIS CAN AFFECT CROP DIMENSIONS AND LOCATIONS.**

Line 53: Two-Step Direction – Specifies direction for Two-Step Linear debayering.

Line 57: Mask Mode – Specifies mode used to make the mask for the fibers.

Line 60: Show Masks? – Specifies whether to show fiber masks

Line 63: Output Path – Specifies output location for extracted fibers.

Line 65: Scaled Subfolder – Specifies subfolder for scaled extracted fibers for easy review. This is located within the folder specified in Line 63 (Output Path).

Line 68: Light Path – Specifies folder for light frames.

Line 69: Plot Path – Specifies output folder for generated plots.

Lines 76 and 77: Background – Specifies location of sampled background in the image.

Line 140: Crop Location – Specifies crop of the fibers. **NOTE THAT THIS IS AFFECTED BY OMA DEBAYERING.** Make sure the cropped coordinates are what you want them to be.

Line 151: Burner Location – Specifies the location of the burner. **NOTE THIS IS AFFECTED BY OMA DEBAYERING.** It should be automatically corrected.

Line 226: Mask Sensitivity – Specifies the cutoff value for the luminance-based mask (lower is more sensitive)

Line 247: Critical P-Value – Specifies the threshold z-value for fiber detection.

## **extractFiber**

Line 4: Output Plots – Specifies whether to output the plots

Line 7: Output Boxed Images – Specifies whether to output images with a box around the selected fibers

Line 12: Boxed Images Subfolder – Specifies the subfolder for the boxed images within the Extracted folder.