Training Report

Model path: ../models/pytorch\diff_1

FOV size (nm): 4280.0

Pixel size (nm): 107.0

ADC/photon: 1.0

Read-out noise (ADC): 10.0

Constant offset (ADC): 50.0

Emitter density (emitters/um^2): 0.3

STD of emitter density (emitters/um^2): 0.1

Number of frames: 100

Wavelength (nm): 715.0

NA: 1.49

Sigma (nm): 124.76510067114094

STD of Sigma (nm): 20.0

Number of photons: 1500.0

STD of number of photons: 100.0

SNR: 9.868347306526676

STD of SNR: 2.3469825222175857

patch size: 30

upsampling factor: 8

num_patches_per_frame: 10

min_number_of_emitters_per_patch: 0

max_num_patches: 10000

gaussian_sigma: 1

L2 weighting factor: 100

Loss Curve