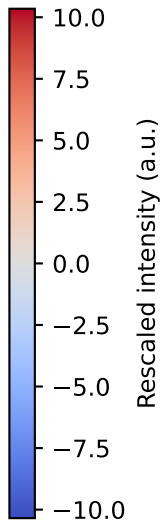**(a)**

Original

Compensated

Bin 1 (50 ms)

Rescaled intensity (a.u.)

10.0

7.5

5.0

2.5

0.0

−2.5

−5.0

−7.5

−10.0