

Supporting Information for

Photoinduced degradation from trace 1,8-diiodooctane in organic photovoltaics

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Figure S1

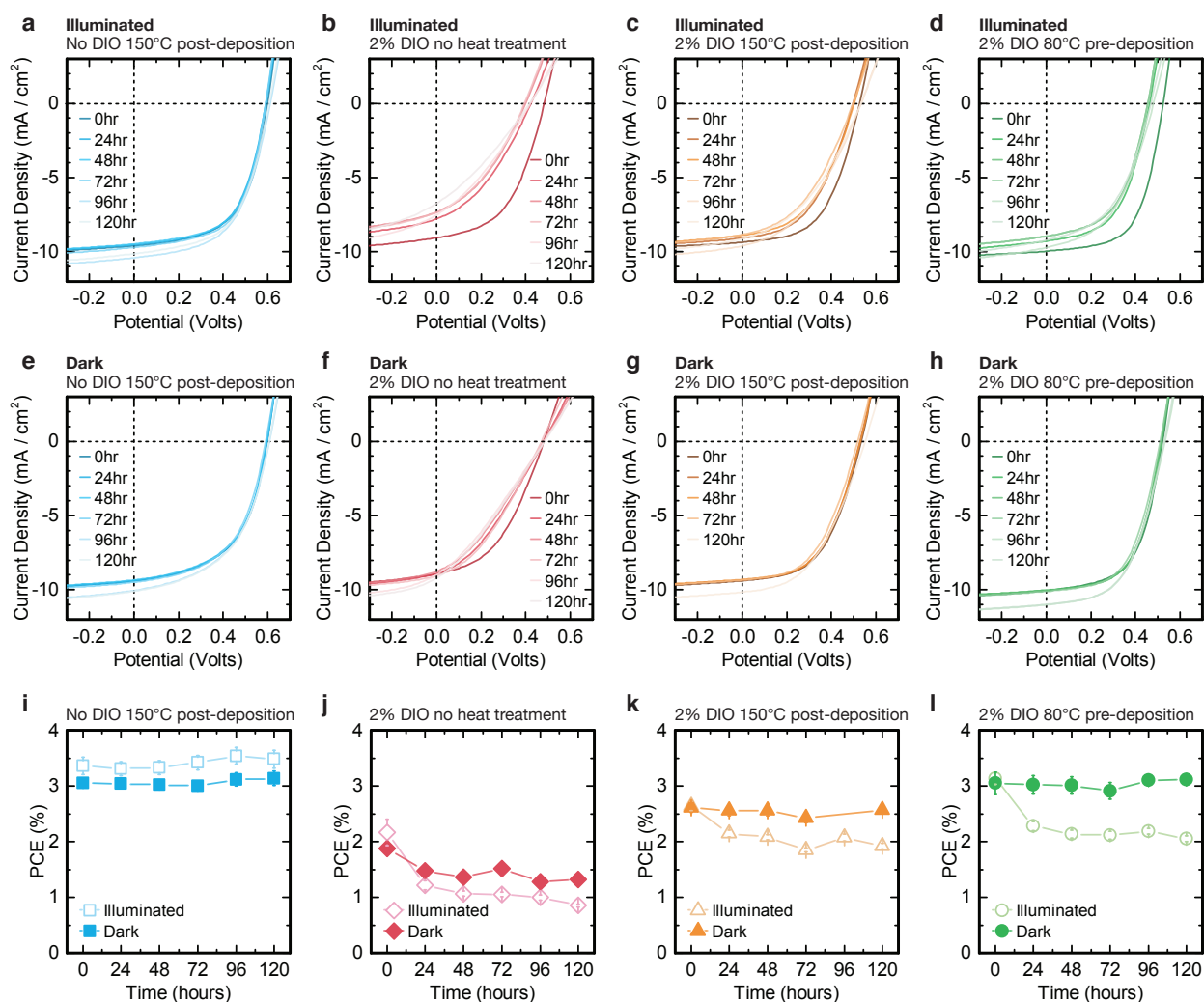


Figure S1: a-d) Current density / voltage measurements of P3HT/PCBM (1:1 mass ratio) OPV devices stored under 0.75 sun AM1.5G illumination for 0 to 120hr. Device preparation conditions for each sample are shown above; heat treatment was 5 minutes at the indicated temperature, either before or after Ca/Ag back electrode deposition. e-h) Current density / voltage measurements for an identical set of devices prepared simultaneously but stored in the

dark. Note that in (a-h) there is a slight change in the shape of the J/V curves due to a change in solar simulator intensity between the 72hr and 96hr measurements, as explained in the main text. i-l) Long term PCE/time data obtained from the data in (a-h). Measurements are averaged over at least 5 working devices; error bars indicate standard deviation.