



Fig. S2. 50% of effective luminance intensity (ELI50). The graphs present cumulative percentage of response as dependent on illumination intensity in four different octopuses (A-B; C-D; E-F; G-H) before (A, C, E, G) and after (B, D, F, H) one week in prolonged darkness. ELI50 values ($\mu\text{mol m}^{-2} \text{s}^{-1}$): A – 6.27; B – 8.09; C – 8.55; D – 12.99; E – 2.69; F – 6.27; G – 7.41; H – 12.99.