

Additional file 2. 1-min light response dynamics statistics

On-latency	K-W, $p = 0.001$; M-W, B-c, P8-P15: $p = 0.006$, P8-P30: $p = 0.012$
Off-latency	K-W, $p = 0.00005$; M-W, B-c, P8-P15: $p = 0.0002$; P15-P30: $p = 0.012$
Peak Firing	K-W, $p = 0.007$; M-W, B-c, $p = 0.003$
Total Spikes	K-W, $p = 0.001$; M-W, B-c, P8-P15: $p = 0.036$, P15-P30: $p = 0.065$, P8-P30: $p = 0.006$

Additional file 2: 1-min light response dynamics analysis. Kruskal-Wallis (K-W), Mann-Whitney (M-W), Bonferroni corrected (B-c).