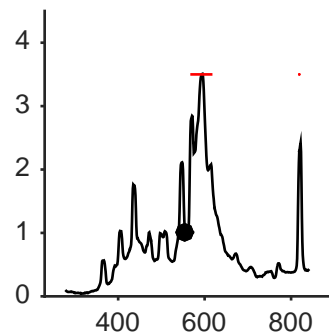
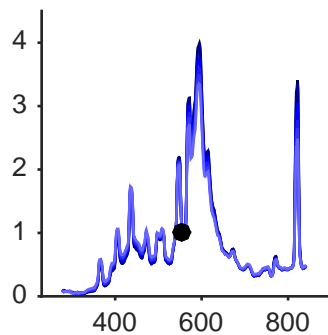


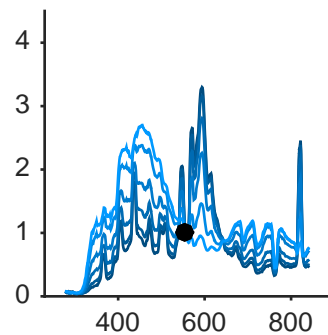
**Night**  
 $\theta < -18^\circ$



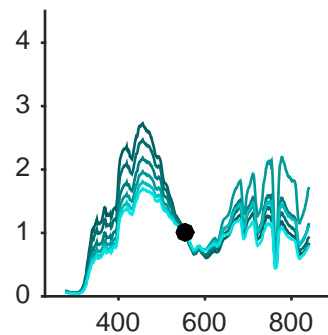
**Astronomical twilight**  
 $-18^\circ < \theta < -12^\circ$



**Nautical twilight**  
 $-12^\circ < \theta < -6^\circ$



**Civic twilight**  
 $-6^\circ < \theta < -0^\circ$



**Day**  
 $\theta > 0^\circ$

