

## Hi power white

The **Power LED** is an actuator. Five ultra-bright LEDs can be powered from an Arduino pin.

**Input:** Arduino provides a maximum of 40 mA per pin, enough to light up the five LEDs using the `DigitalWrite()` and `AnalogWrite()` functions.

**Module description:** This module features Five **AWT801-S LEDs from Seoul Semi Conductor**, the standard TinkerKit 3pin connector and a green LED that signals that the module is correctly powered and a yellow LED that is lit only when the LED is lit. A resistor limits the voltage from the Arduino, protecting the lights.

This module is an **ACTUATOR**. The connector is an **INPUT** which must be connected to an **OUTPUT** connector on the **TinkerKit Shield**.

