

Rig Specs

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These protocols are designed to run on the Reiser Lab's G3 18 x 3 LED panel setup.

[0000 - PNG of setup - annotated]

- 18 panel circumference.
- 3 panel height.
- Each panel is 8 x 8 pixels, so the arena is $18 \times 8 = 144$ pixels wide and $3 \times 8 = 24$ pixels high.
- Each pixel is 1.875 degrees of visual angle per pixel and covers 360 degrees of visual angle along the azimuth and 45 degrees of visual angle along the elevation.
- The LEDS are green LEDs with a peak wavelength of ~ 570 nm.

There is a lot of useful, and more detailed documentation on the specifications of the G3 arena and how to design and run protocols [here](#).