

# Resource Summary Report

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## LED Matrix Stimuli

RRID:SCR\_022345

Type: Tool

### Proper Citation

LED Matrix Stimuli (RRID:SCR\_022345)

### Resource Information

**URL:** <https://edspace.american.edu/openbehavior/project/led-matrix-stimuli/>

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**Description:** Open source device consists of three LED matrices that can be independently controlled via open source Arduino Uno microcontroller. Matrices of LEDs are mounted above nose pokes to examine perceptual decision making in rats. Highly modifiable LED matrices for visual stimulus presentation in behavioral studies. Designs for printing these accessory devices are available in GitHub account for the project.

**Resource Type:** project portal, instrument resource, portal, data or information resource

**Defining Citation:** [DOI:10.1523/ENEURO.0563-20.2021](https://doi.org/10.1523/ENEURO.0563-20.2021)

**Keywords:** OpenBehavior, Instrument, device, behavior apparatus, behavioral task, perceptual decision making in rats

**Availability:** Free, Freely available

**Resource Name:** LED Matrix Stimuli

**Resource ID:** SCR\_022345

**Alternate URLs:** <https://github.com/LaubachLab/LED-matrices>

**License:** GPL v3

**Record Creation Time:** 20220602T050140+0000

**Record Last Update:** 20260728T043635+0000

### Ratings and Alerts

No rating or validation information has been found for LED Matrix Stimuli.

No alerts have been found for LED Matrix Stimuli.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.