

Parts list (to buy)

- 1x -2" Square RG850 Colored Glass Filter, 850 nm Long pass – FGL850S Thorlabs
- 2x - Right-Angle Clamp for 1/2" Posts, 3/16" Hex – Thorlabs RA90
- 2x - Right-Angle End Clamp for 1/2" Posts, 1/4"-20 Stud and 3/16" Hex – Thorlabs RA180
- 2x -1/2" Post 1" long – Thorlabs TR1
- 2x -1/2" Post 2" long – Thorlabs TR2
- 2x -1/2" Post 3" long – Thorlabs TR3
- x60 - Threaded T-Nuts – Thorlabs XE25T3
- x60 - Low Profile Channel Screws 1/8" Hex – Thorlabs SH25LP38
- x12 - Counterbored Construction Cubes for 25mm rails – Thorlabs RM1G
- x6 - 1/2" Post Holders – Thorlabs PH2
- 1x - Optoma Technology S310e 3200 Lumen SVGA DLP Multimedia Projector - OPS310E
- 1x -Camera: Pointgrey Firefly MV – FLIR FMVU-03MTC-CS
- Rails: McMaster T-Slotted Framing Extrusion, Single Profile, 1" Size, Solid:
  - 4x 130-150cm and
  - 1x 30cm for holding the projector -
- 1x The regular IR illumination panel in the lab custom made from Knema LLC.
- 6x standard sheets (18' x 30' ?) of 1/6" black acrylic

parts list (to make or acquire on campus):

- maze arrays
- diffuser
- Piece of wood: something like 35x40x5cm should work – Local shop.
- acrylic to make a filter holder