

Parts List

Optotune Laser Speckle Reducer System

Optics:

- 1 x Thorlabs C110TMD-A
- 1 x Optotune LSR-3005-17S-VIS
- 1 x Thorlabs MAP103030-A

Evenfield Illumination System

Optics:

- 1 x Thorlabs PF10-03-G01, Ø1" Protected Aluminum Mirror
- 1 x Thorlabs C220TMD-A, $f = 11.00$ mm, $NA = 0.25$, Mounted Geltech Aspheric Lens
- 1 x Edmund Optics #47-989, 0.5° Diffusing Angle 50 mm Dia Mounted (Holographic Diffuser)

Mounting:

- 1 x Thorlabs KCB1C, Right-Angle Kinematic Mirror Mount with Smooth Cage Rod Bores
- 1 x Thorlabs SM1L10, SM1 Lens Tune 1.00" Thread Depth
- 1 x Thorlabs S1TM09, Mounted Aspheric Lens Adapter
- 1 x Thorlabs CP02, SM1-Threaded 30 mm Cage Plate
- 1 x Thorlabs CT102, XY Translation Mount
- 1 x Thorlabs CT1, Cage Translation Stage
- 1 x Thorlabs SM05FC, FC/PC Fiber Adapter Plate with External SM05
- 1 x Thorlabs CP02B, Snap-On 30 mm Cage Mounting Bracket, 8-32 Tap
- 2 x Thorlabs RS05P, Ø1" Pedestal Pillar Post, 1/4"-20 Taps, $L = 0.5$ "
- 1 x Thorlabs RS3M, Ø25 mm Post Spacer, Thickness = 3 mm
- 1 x Thorlabs RS6M, Ø25 mm Post Spacer, Thickness = 6 mm
- 1 x Thorlabs ER3, Cage Assembly Rod, 3" Long
- 2 x Thorlabs ER6, Cage Assembly Rod, 6" Long

Fiber:

- 1 x Custom Mitsubishi Multimode Square Core Fiber, $600\text{ }\mu\text{m} \times 600\text{ }\mu\text{m}$ core, 0.15 NA

OR

1 x Thorlabs M43L05, $\varnothing 105\ \mu\text{m}$, 0.22 NA, Low OH, FC/PC-FC/PC Fiber Patch Cable, 5 m

Output Collimator:

1 x Nikon 10x CFI Plan Fluor objective

OR

1 x Thorlabs PAF2P-18A, FiberPort, FC/PC, $f=18.4\ \text{mm}$, 350 - 700 nm, $\varnothing 3.01\ \text{mm}$ Waist