

OCT Build Document

This document describes the main components from the OCT. We focused on the optical components of the OCT. The parts are detailed in the table below and the images show how to put together the parts as well as a completely built OCT system.

Letter	Component Name	Supplier	Part Number	Quantity
A	LED	Thorlabs	MWWHL3	1
B	LED Driver	Thorlabs	LEDD1B	1
C	Diaphragm	Thorlabs	SM1D12SS	1
D	Polarizer	Edmund Optics	#85-919	2
E	Lens	Thorlabs	LA1509	1
F	Beamsplitter Cube	Thorlabs	CM1-BS013	1
G	Beamsplitter	Thorlabs	BSW10	1
H	Cube Platform	Thorlabs	B3C	1
I	Dichroic Filter Mount	Thorlabs	FFM1	1
J	Broadband Dielectric Mirror	Thorlabs	BB1-E02	1
K	Camera	Point Grey	GS3-U3-23S6M-C	1
L	Camera Lens	B&H	TA2514MPMF	1
-	LED Power Supply	Thorlabs	TPS001	1
-	Cube-Mounted Turning Mirror	Thorlabs	CM1-P01	1
-	Camera Cable	Point Grey	ACC-01-2300	1

Quantity
193\$
293\$

69\$
TBD
20\$
276\$



