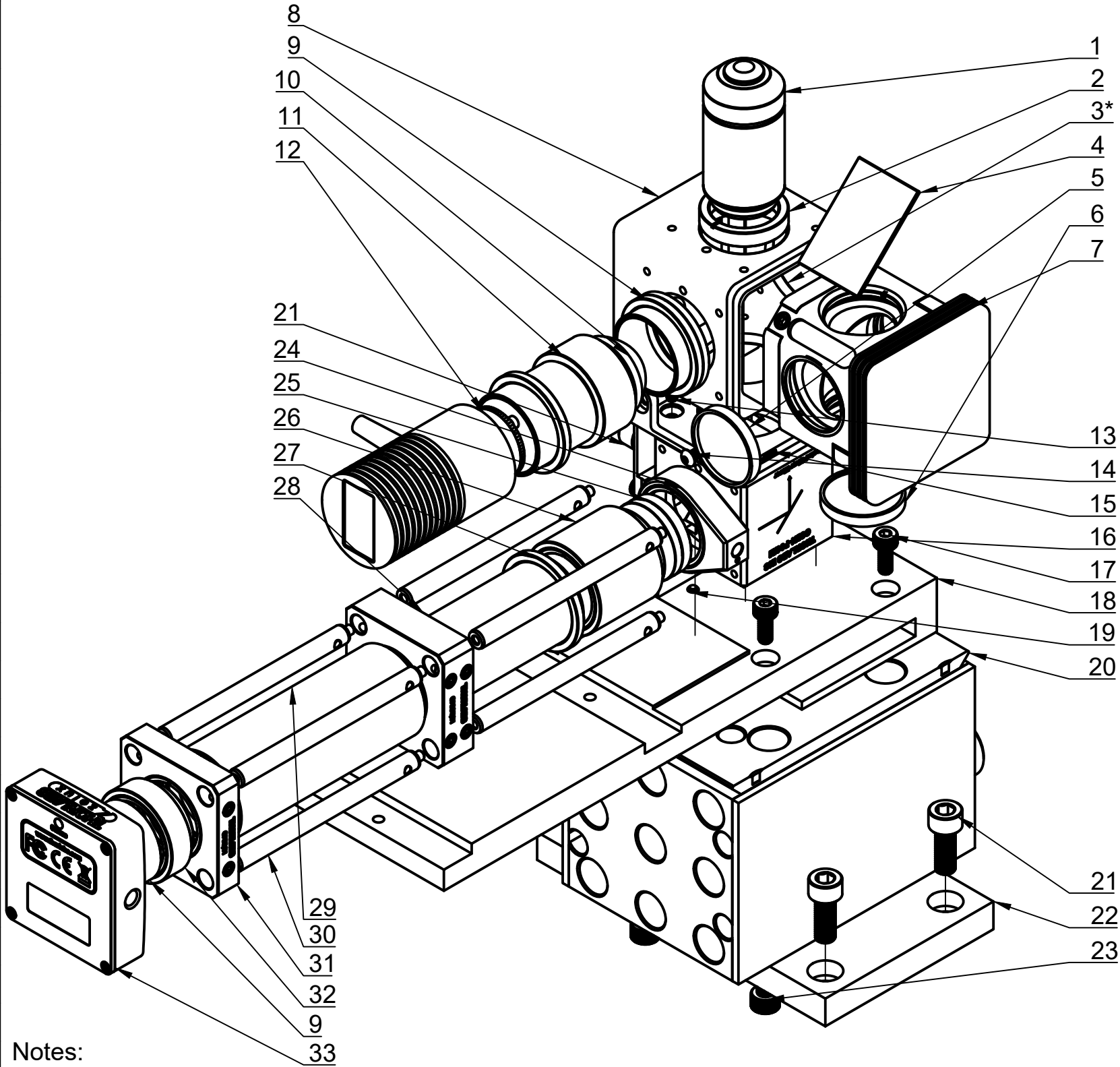


	1	2	3	4	5	6	7	8	
	List of Parts In Flexiscope Configuration								
A	Number	Quantity	Component						Fusion 360 Sub-System
	1	1	20x Objective (Optics 1)						LED Modue
	2	1	SM1-RMS Adapter (LED 1)						LED Modue
	3	1	Dust Cap (Aux 1)						LED Modue
	4	1	Dichroic Mirror (Optics 2)						LED Modue
	5	1	Excitation Filter (Optics 3)						LED Modue
	6	1	Emission Filter (Optics 4)						LED Modue
B	7	1	Filter Insert (LED 2)						LED Modue
	8	1	Kinematic Cube (LED 3)						LED Modue
	9	2	Mini Couple (LED 4)						LED & CAM
	10	1	Condenser Lens (Optics 5)						LED Modue
	11	1	Tube Adapter (LED 5)						LED Modue
	12	1	LED Light (LED 6)						LED Modue
C	13	2	4-40 x ½" Flat Head (Fast 1)						Fasteners
	14	4	4-40 x ½" Pan Head (Fast 2)						Fasteners
	15	1	Box Link (Aux 2)						Structural
	16	1	Mirror Cube (Cam 1)						CAM Module
	17	6	M4 X 10 Socket Head (Fast 3)						Fasteners
	18	1	Flexi-Stage Adapter (3-D 1)						Structural
D	19	3	M3 X 8 Socket Head (Fast 4)						Fasteners
	20	1	XYZ Stage (Aux 3)						Structural
	21	5	M6 X 12 Cap Head (Fast 5)						Fasteners
	22	1	Stage-Breadboard Adapter (3-D 2)						Structural
	23	4	M5 X 10 Cap Head (Fast 6)						Fasteners
	24	1	Achromatic Holder (Cam 2)						CAM Module
E	25	1	Achromatic Doublet (Optics 6)						CAM Module
	26	1	Medium Lens Tube (Cam 3)						CAM Module
	27	1	Large Couple (Cam 4)						CAM Module
	28	1	Follow-Through Cage Mount (Cam 5)						Structural
	29	1	Large Lens Tube (Cam 6)						CAM Module
	30	8	Optical Posts (Cam 9)						Structural
	31	1	End Cage Mount (Cam 7)						Structural
F	32	1	Mini Lens Tube (Cam 8)	CAM Module					
	33	1	Zelux Camera (Cam 10)	CAM Module					
	1	2	3	4	5	6	7	8	

Notes:

\* Dust Cap (Aux 1) used on kinematic cube right when in use, and both right and top (objective local) when not in use to protect lenses and filters from particulates.

Dept. MAAE	Technical reference Flexiscope	Created by Daniel Delgado 2022-07-27	Approved by	
All Listed Components Are Available in the Supplimentary Materials Excel Sheet Containing Pricing and Purchasing URL		Document type Expanded Drawing	Document status Pending	
		Title Inverted Flexiscope Configuration		DWG No.  NO. 1
		Rev. 5	Date of issue March 20, 2023	