

LightTester 160 for Integrated Safety and Light Test of LED Lighting Fixtures

- SW and HW description

SSL Resource Oy

28.8.2019

LightTester 160

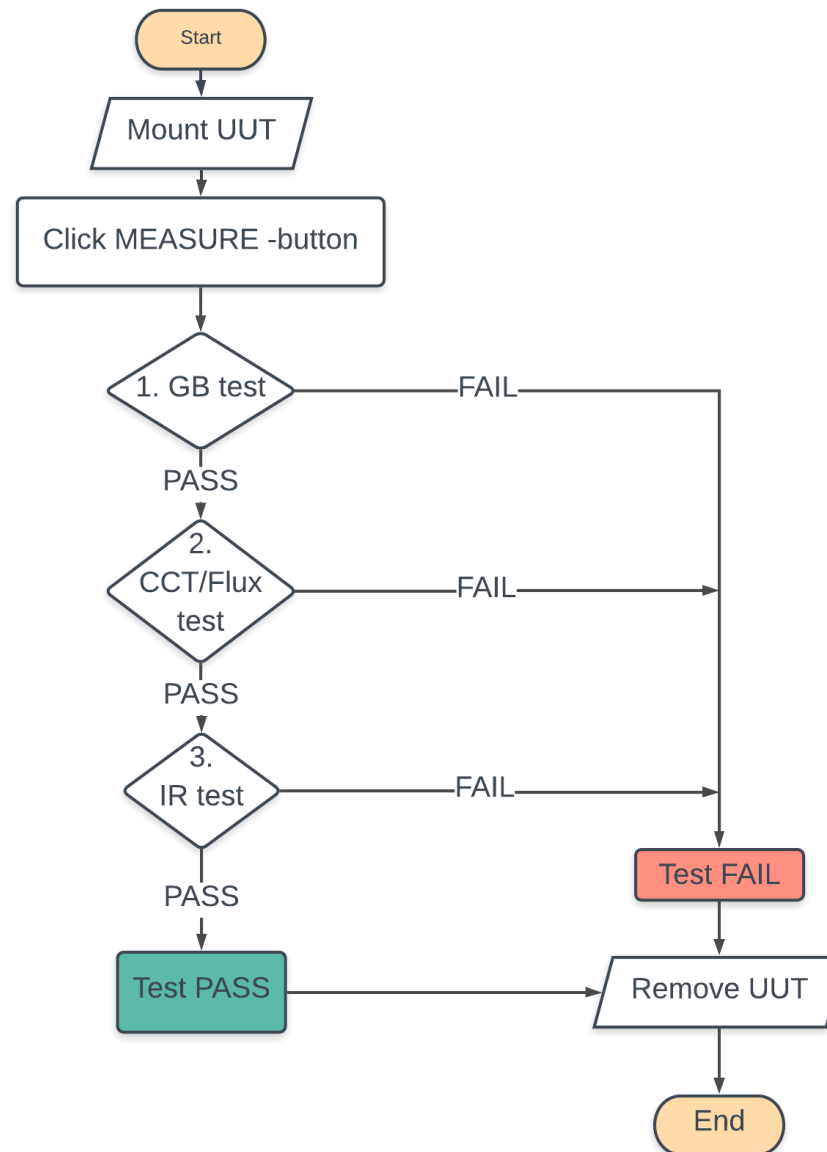


Test Parameters

- ❑ Luminous flux (illuminance)
- ❑ CCT (Option: CRI, spectrum, etc.)
- ❑ GB (Ground bond)
- ❑ IR (Insulation resistance)
- ❑ Test time <10-15s

Test sequence

- ❑ GB = Ground Bond
- ❑ IR = Insulation Resistance
- ❑ CCT = Color temperature
- ❑ Flux = Luminous flux



Advanced view (password required)

setLuminaireParameters.vi

X

Set Criteria

	Luminaire	Warmup [ms]	Lm/Lx	min CCT [K]	max CCT [K]	min Lm	max Lm	max GB [mOhm]	min IR [MOhm]	A
0	LampRef_3500K	500	0.122145	3300	3700	80	100	500	2	
1	LampRef_4000K	500	0.125	3800	4200	85	105	500	2	
2	lampRef2_3000K	500	1.997152	3200	3400	1600	1800	500	2	
3	lampRef2_3500K	500	2.004256	3300	3700	1600	1800	500	2	
4	lampRef2_3200K	500	1.999999	3000	3400	1600	1800	500	2	

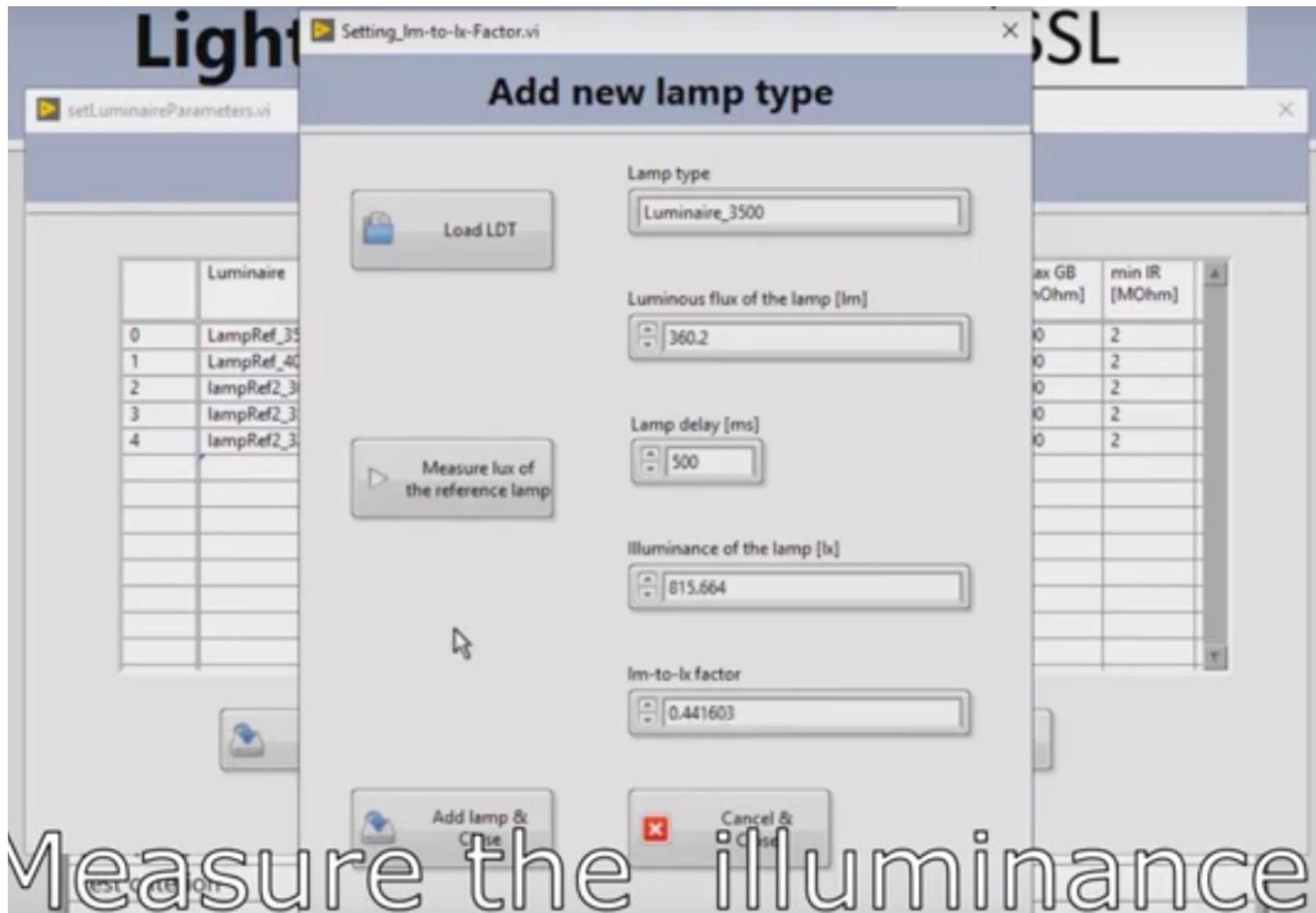
Save &
Close

Cancel &
Close

Add row

Delete row

Advanced view (password required)



Operator view:

LightTester sw

Ready

Chosen UUT
LampRef_3500K

Test Choose UUT type

Filter

Saved Luminaire

	Luminaire	Warmup [ms]	Lm/Lx
0	LampRef_3500K		
1	LampRef_4000K	500	0.125
2	LampRef2_3000K	500	1.997152
3	LampRef2_3500K	500	2.004256
4	LampRef2_3200K	500	1.999999
5	Luminaire_3500	500	0.441603

LightTester sw

Ready

Chosen UUT
Luminaire_3500

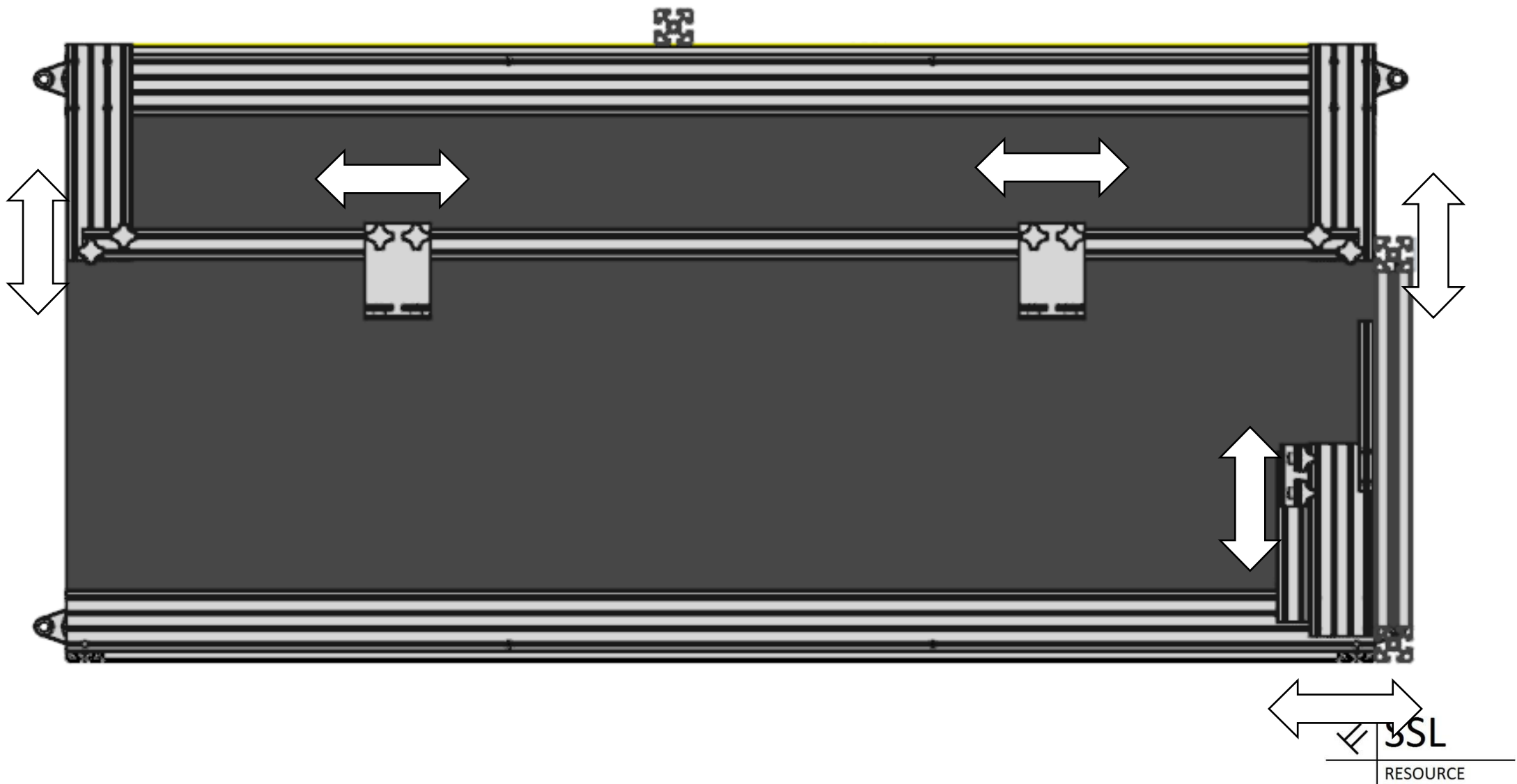
Test Choose UUT type

Lamp ID
52544

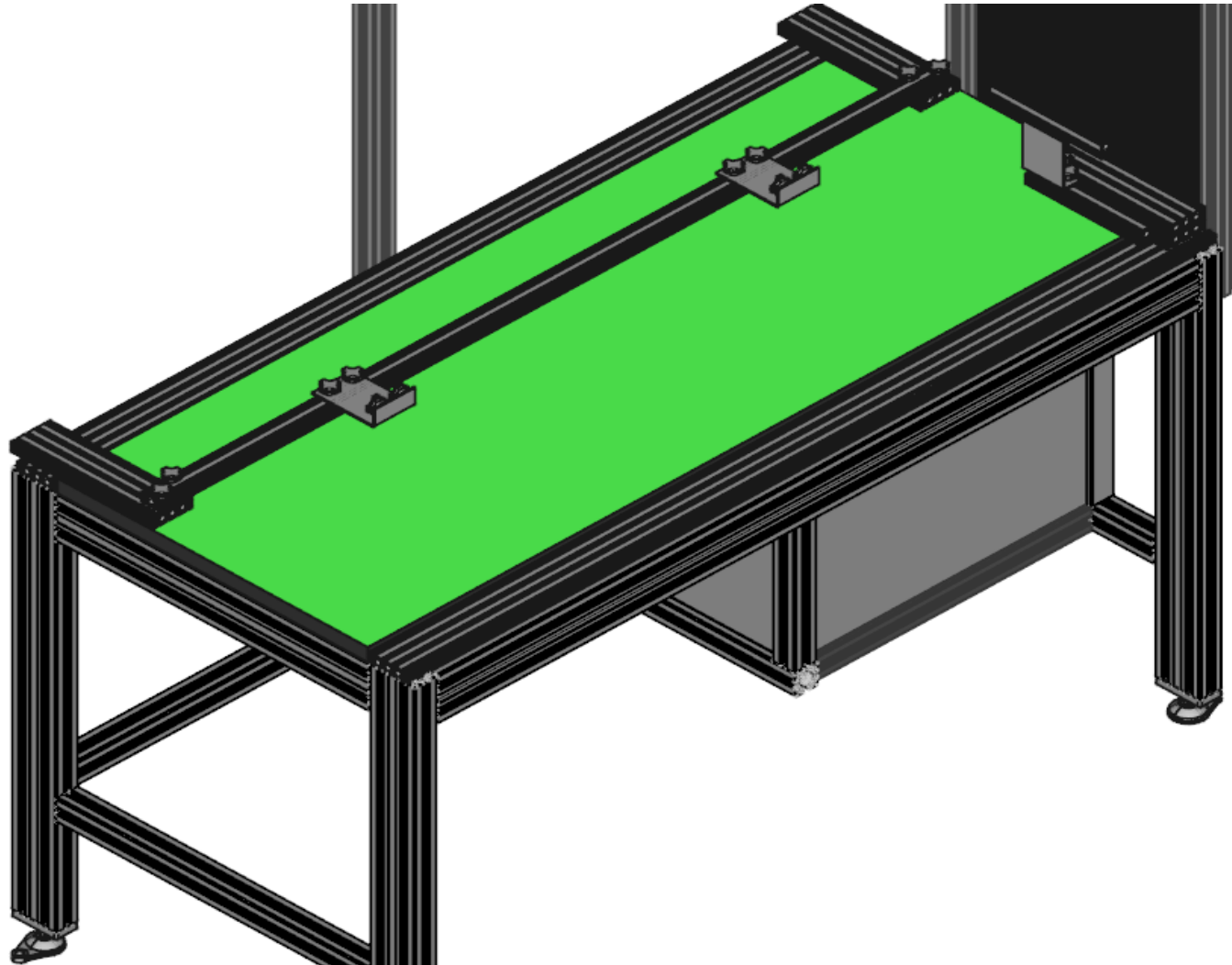
Measure DUT

	CCT [K]	Lumens	IR [MOhm]	GB [mOhm]
Test Value	3567.0	316.3	8794.0	53.1
Test criterion	3000 ... 3600	300.0 ... 400.0	> 2.0	< 500
Test result	PASS	PASS	PASS	PASS

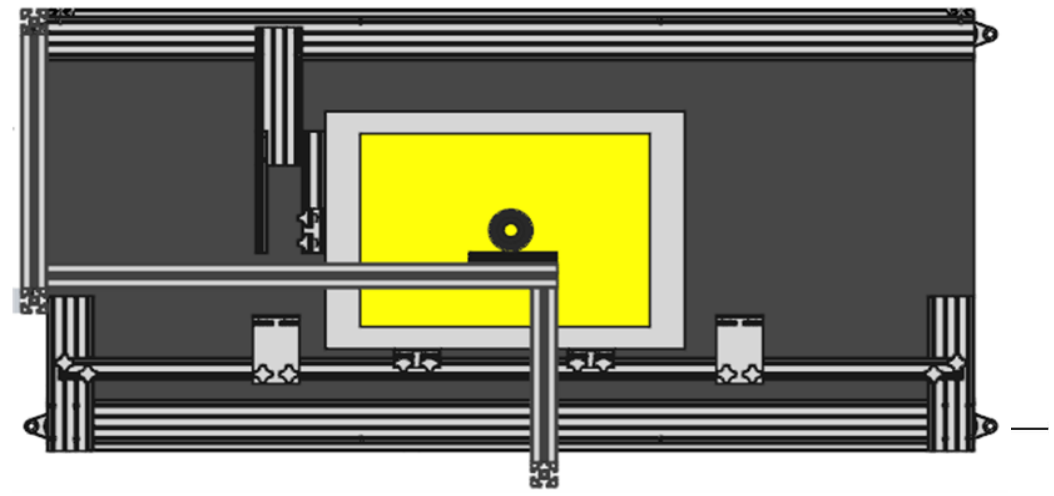
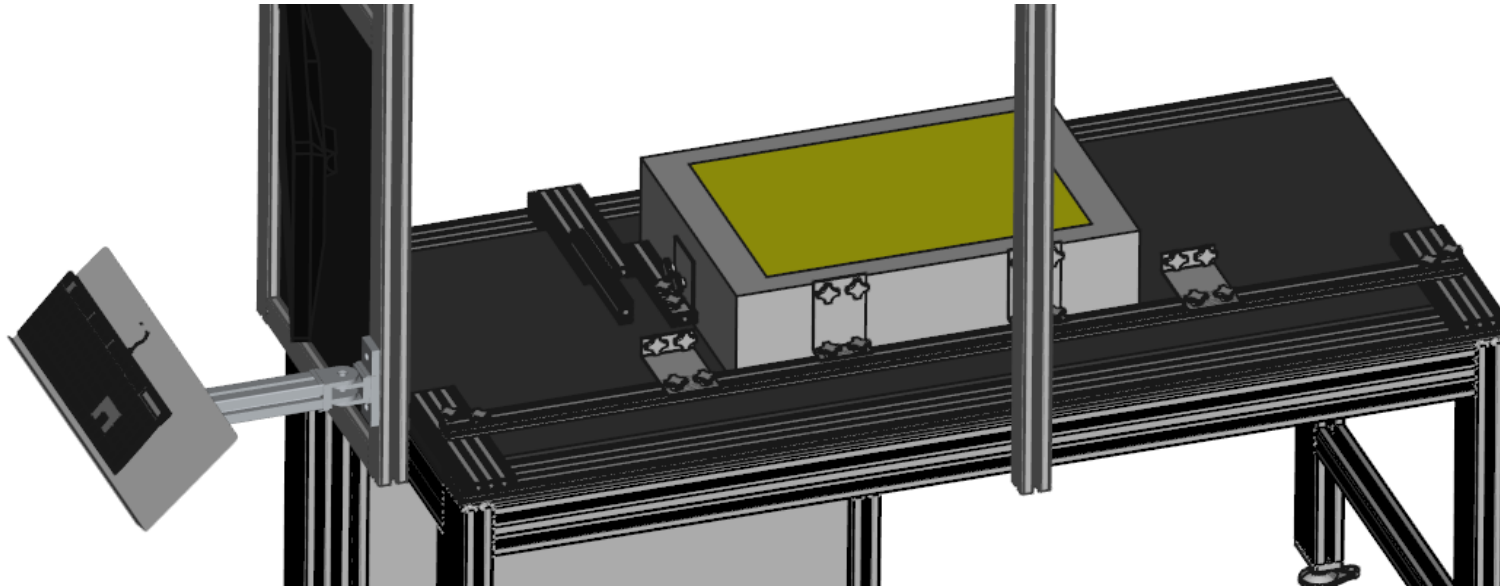
Valaisimen kohdistusmekanismi



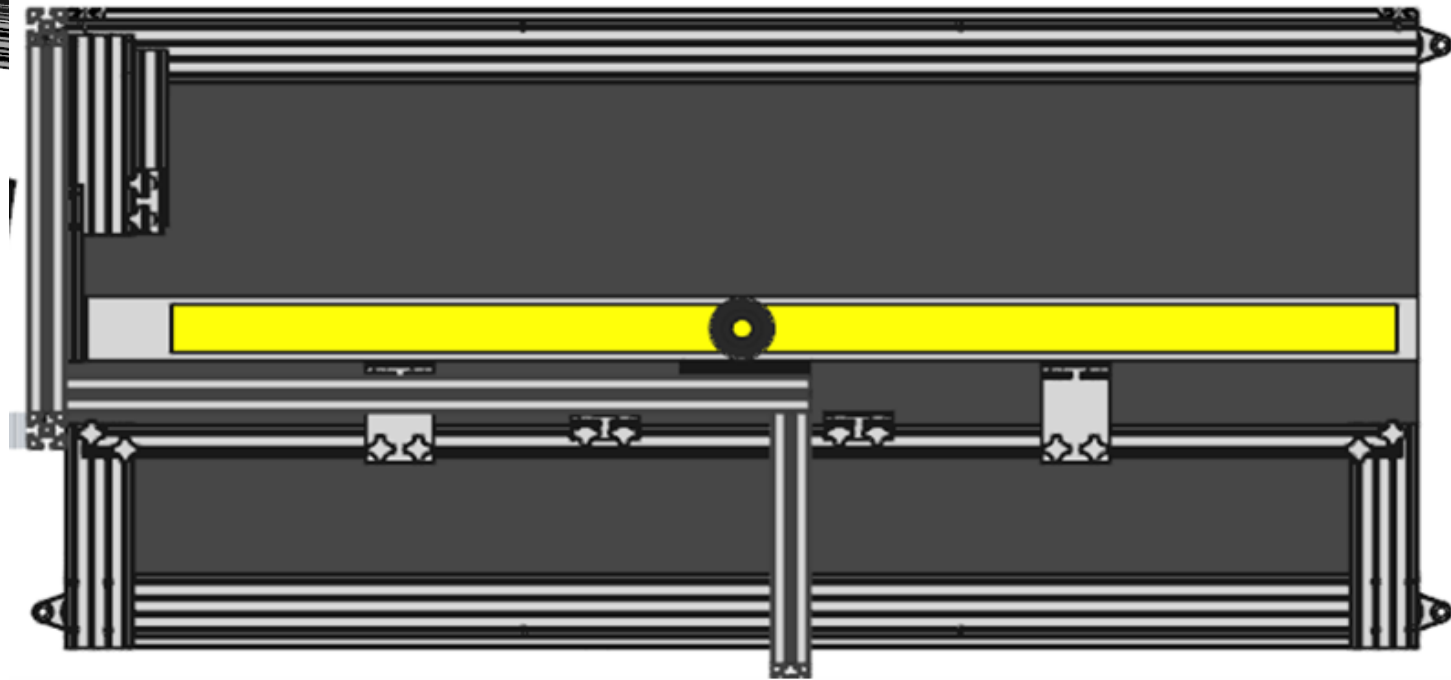
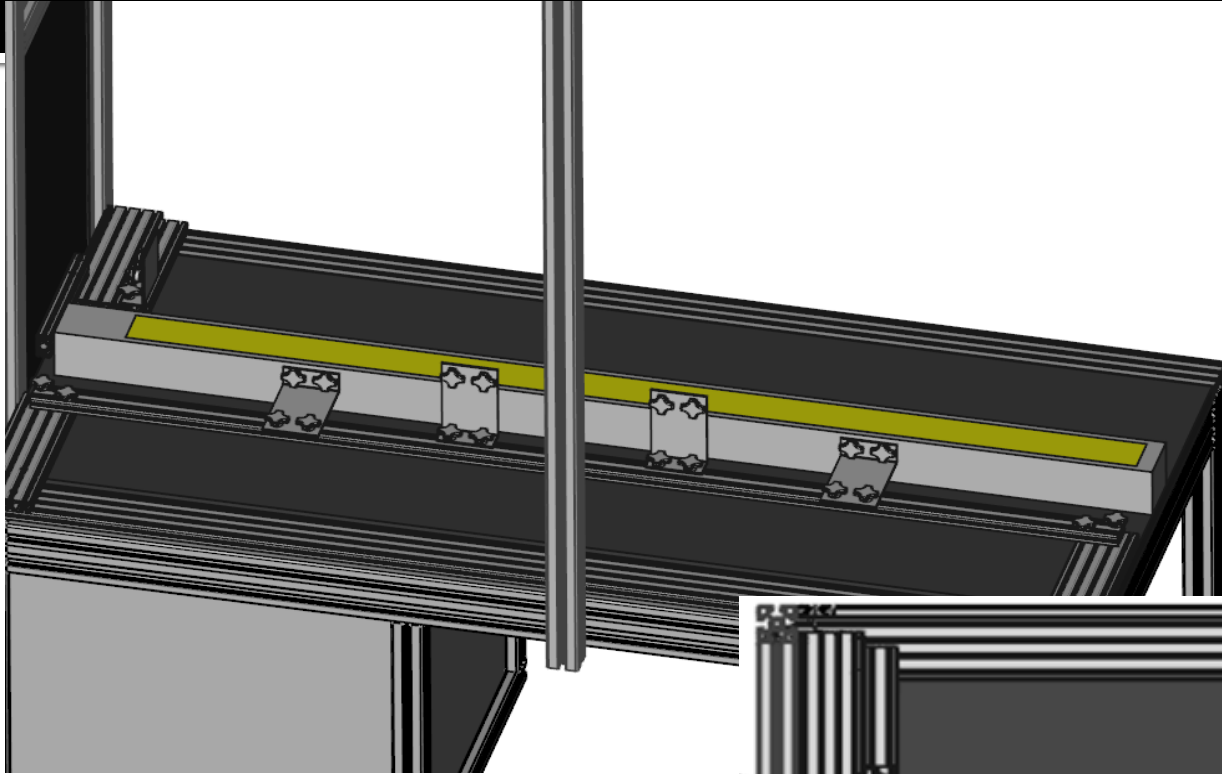
Puinen keskiosa



Sample type 1

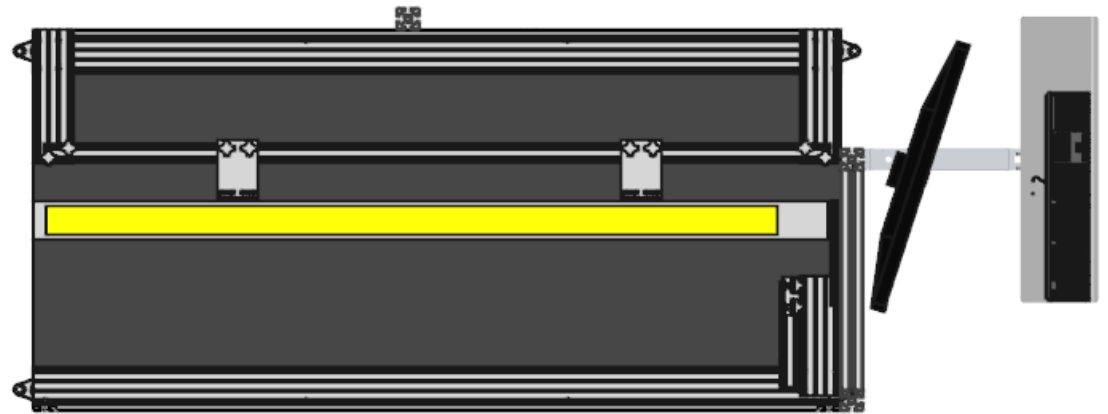


Sample type 2 etc.



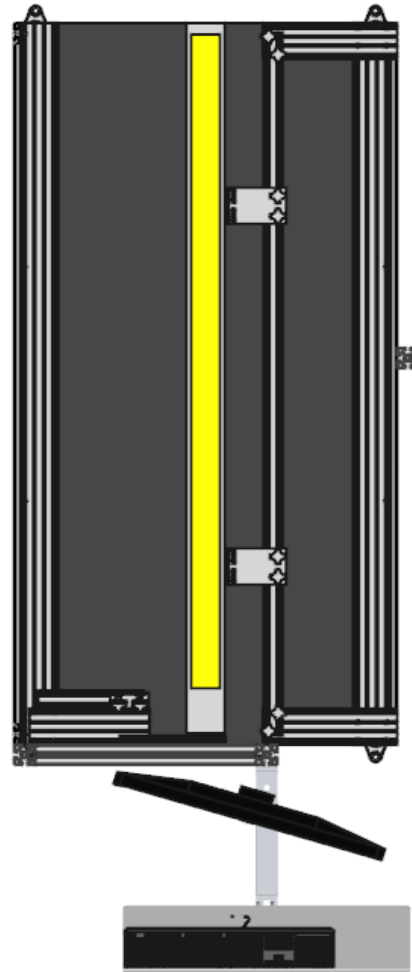
Option 1

Assembly
Line

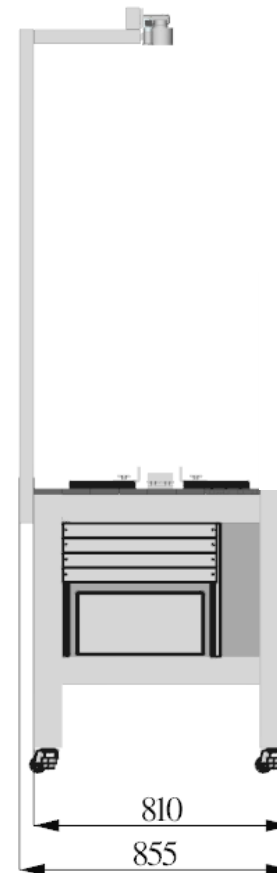
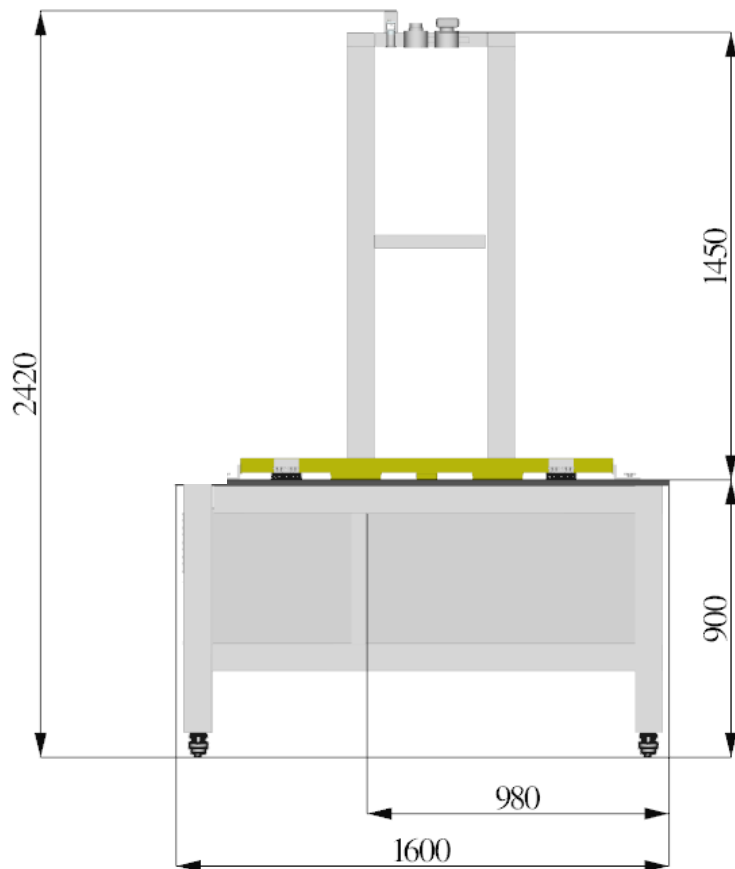


Option 2

Assembly Line



Pöydän Mitat



Contact details

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