

## Dimmer compatibility test

Project Name:GU10 4.3w

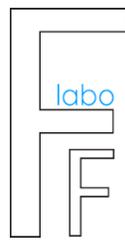
Project ID:

Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			Fluocompact* (Yello)	1.Progressive sitch-off	4.5248	0.8034	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 18%.-100%	4.59	0.7854	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 18%.-100%	4.6556	0.8034	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 18%.-100%	4.7528	0.8424	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 19%.-100%
				2.Night light	4.6157	0.8755	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6716	0.8772	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6762	0.8549	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 19%.-100%	4.7944	0.9256	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%
				3. 100%	4.6258	0.8755	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6104	0.8568	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6247	0.824	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 19%.-100%	4.7216	0.884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%
				4.No function	4.5955	0.8652	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6308	0.867	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.6659	0.9064	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%	4.7216	0.884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 20%.-100%
			Capacitive loads(CFL) (Purple)	1.Progressive sitch-off	4.5652	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.6308	0.357	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.6968	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.7736	0.364	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%
				2.Night light	4.5652	0.3399	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.59	0.3774	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%.-100%	4.6968	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.7632	0.3536	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%
				3. 100%	4.6359	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.6104	0.3774	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.6762	0.3811	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%	4.7944	0.3536	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%.-100%
				4.No function	4.5652	0.3914	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%.-100%	4.6104	0.3468	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%.-100%	4.738	0.3708	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%.-100%	4.7424	0.3432	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%.-100%



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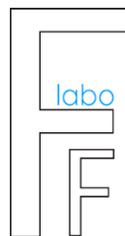
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Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
1	hager	EVN012	Inductive loads (Blue)	1.Progressive sitch-off	4.6258	0.5253	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7022	0.5406	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7483	0.5253	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.8048	0.5408	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
				2.Night light	4.6662	0.5356	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7634	0.5406	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7792	0.5768	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 13%-100%	4.9296	0.5304	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
				3. 100%	4.6965	0.5253	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7124	0.5508	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7689	0.5562	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.888	0.5512	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
				4.No function	4.6965	0.5562	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7022	0.5406	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7483	0.5356	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.8464	0.5304	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
			LED load (Red)	1.Progressive sitch-off	4.6561	0.6695	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.6716	0.663	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.7483	0.6901	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.9088	0.6864	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				2.Night light	4.6662	0.6901	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.692	0.6732	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.8204	0.6901	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.8984	0.676	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				3. 100%	4.6561	0.6489	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.7328	0.6936	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.7174	0.7107	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.8776	0.676	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				4.No function	4.6561	0.6798	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.743	0.663	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.8307	0.7313	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.8776	0.6968	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%



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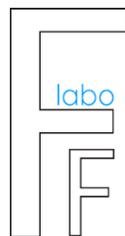
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			Load traching(CFL+LED) (Green)	1.Progressive switch-off	4.6258	0.9785	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%	4.641	0.969	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%	4.6453	1.0094	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.7528	0.988	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%
				2.Night light	4.5955	1.0197	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.6308	0.9996	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.7071	0.9991	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.8464	1.0816	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%
				3. 100%	4.6056	1.0094	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.641	0.9996	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.7174	0.9991	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.836	1.0192	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%
				4.No function	4.5551	0.9991	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.6002	1.0098	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.6556	0.9888	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.784	1.0192	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%
			Factory reset (white)	1.Progressive switch-off	4.545	0.3399	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6512	0.3672	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6144	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.784	0.3744	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
				2.Night light	4.5753	0.3811	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6614	0.3468	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6247	0.3708	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.836	0.364	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
				3. 100%	4.5955	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.5696	0.357	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6556	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.8048	0.3536	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
				4.No function	4.6157	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6206	0.357	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6865	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.7736	0.364	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%



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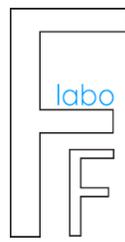
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
2	hager	EVN011			4.5955	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6512	0.357	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6968	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.836		Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
3	elako	EUD12NPN-UC	AUTO				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			EC1				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			EC2				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			LC1				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			LC2				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			LC3				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
4	elako	EUD12D-UC	EUD				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			RTD				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			ESV				Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.
			TLZ				Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.
			MIN				Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.
			MMX				Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.			Can be turn on/off,but non-dimmable.
			TI				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			ER				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility







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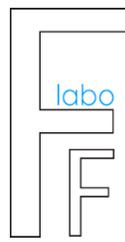
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
7	NIKO	310-00700	1		4.5046	0.206	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.6614	0.1938	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.6659	0.1957	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.8672	0.208	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			2				Incompatibility			Incompatibility			Incompatibility			Incompatibility
			CFLI1		4.3632	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.539	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6144	0.2884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.7112	0.312	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			CFLI2		4.5248	0.4841	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.6308	0.4488	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.635	0.4841	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.7528	0.4888	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%
			LED1		4.5753	0.1545	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.6512	0.1836	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.6762	0.1751	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.732	0.1872	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%
			LED2		4.6561	0.2987	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.7532	0.2754	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.7174	0.2987	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.8152	0.2912	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
			LED3		4.6157	0.1545	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.641	0.102	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%	4.7174	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%	4.732	0.1248	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%
			LED4		4.6864	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.7838	0.3162	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.841	0.3399	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.9088	0.3432	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%



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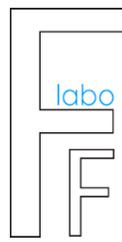
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	
8	NIKO	310-04900			4.3531	0.309	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.4064	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.5217	0.309	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.628	0.3016	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	
9	NIKO	310-02800			4.5349	0.1339	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.641	0.1428	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.6556	0.1442	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.7424	0.1456	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	
10	NIKO	310-02900	DEFAULT 1		4.4238	0.4635	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.4778	0.4692	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.5114	0.4429	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.7008	0.4784	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	
			HALO LED2				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility	
			Transformer LED3					Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			LED4		3.1815	0.1648	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.2538	0.1734	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.2342	0.1648	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.3072	0.1872	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	
			Transformer LED5		4.4036	0.2369	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5186	0.1836	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.429	0.2163	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.6384	0.208	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	



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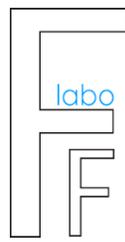
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No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			LED6	/	4.4541	0.3605	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.4982	0.3264	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.532	0.3502	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.5448	0.3536	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
			LED7		4.4642	0.2163	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.4574	0.1632	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.532	0.1854	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.6072	0.208	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%
			LED8				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
11	NI	310-C	LED1	/	4.5753	0.206	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5594	0.2244	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.6762	0.2163	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.7528	0.26	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LED2				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			LED3 *		4.4541	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4982	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5835	0.2575	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6072	0.2808	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LED4*		4.545	0.4532	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.5288	0.4284	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.6144	0.4326	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.7008	0.4368	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%



## Dimmer compatibility test

Project Name:GU10 4.3w

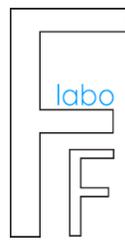
Project ID:

Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
11	KO	1900	LED5	/	4.5551	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.539	0.0918	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.6453	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.68	0.0728	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED6		4.7066	0.0824	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.7532	0.0816	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.7792	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.7944	0.0728	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED7*		4.5753	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.6002	0.051	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.6659	0.0824	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.6592	0.0728	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED8*		4.6864	0.0721	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.6716	0.0816	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.7483	0.0824	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.8152	0.0728	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
12	bicino	N441IN	Preset levels mode	/	4.4238	0.7931	Non-dimmable	4.437	0.8058	Non-dimmable	4.4599	0.7622	Non-dimmable	4.6384	0.8112	Non-dimmable
			Preset levels mode+night mode		4.3935	0.8034	Non-dimmable	4.4574	0.7854	Non-dimmable	4.4805	0.7931	Non-dimmable	4.5864	0.8112	Non-dimmable
			Dimming mode		4.3632	0.309	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.4268	0.2754	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.4599	0.2884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.524	0.312	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%



## Dimmer compatibility test

Project Name:GU10 4.3w

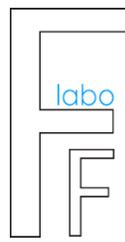
Project ID:

Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
13	bicino	N4408N					Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
14	NIKO	310-03900	LED1		4.4238	0.5459	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.4574	0.561	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.5526	0.5665	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.6696	0.5512	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
			HALO LED2			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable	
			Transformer LED3*			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable	
			LED4			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable	
			Transformer LED5		4.4137	0.2369	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.4982	0.2448	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5011	0.1957	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5344	0.2288	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			LED6		4.4137	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4574	0.306	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.4805	0.3296	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.5864	0.2912	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
			LED7*		4.3935	0.2163	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.386	0.2142	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.4908	0.2266	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.524	0.2288	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%



## Dimmer compatibility test

Project Name:GU10 4.3w

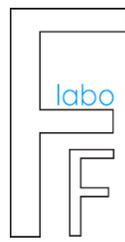
Project ID:

Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			LED8*	/	4.3329	0.2369	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.4574	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.4805	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5448	0.26	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
15	etrako	EUD61NPL-230V	P-AB	/	4.5854	0.4841	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.5594	0.4896	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.6247	0.5047	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.7632	0.5304	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
			P-AN	/	4.5652	0.6283	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.6104	0.6222	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.6453	0.6489	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.7944	0.6552	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.
16	etrako	EUD61NP-230V	/	/			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			AUTO	/	4.6056	0.1442	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.7226	0.1632	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.6865	0.1854	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.836	0.156	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%
			LC1	/	4.4945	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.488	0.2754	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5217	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.576	0.2704	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%



## Dimmer compatibility test

Project Name:GU10 4.3w

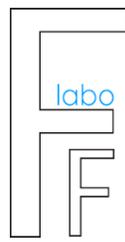
Project ID:

Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
17	eltako	EUD6INPN-230V	LC2		4.5147	0.2575	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.488	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5423	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6072	0.2704	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LC3		4.4844	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5084	0.2652	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5835	0.2884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5968	0.2704	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			EC1		4.5955	0.2884	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.6614	0.2754	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7483	0.2781	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.8152	0.2912	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
			EC2		4.5955	0.2781	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.6206	0.2652	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7174	0.2884	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7632	0.2808	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
e		EUD6	AUTO		4.6258	0.1442	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.7022	0.1836	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.7689	0.1648	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.836	0.1664	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%
			LC1		4.5551	0.2987	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6206	0.2754	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6144	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6904	0.2912	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LC2		4.5046	0.2678	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5186	0.2856	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6144	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.7112	0.2912	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%



## Dimmer compatibility test

Project Name:GU10 4.3w

Project ID:

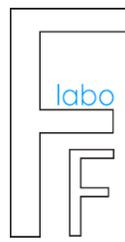
Product/Part number:8202654

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					 4.3w/230V			 4.3w/230V			 4.3w/230V			 4.3w/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
18	Itako	INPN-UC	LC3	/	4.4743	0.2781	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5696	0.2754	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.5938	0.2884	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.6904	0.2912	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			EC1		4.6157	0.2575	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.641	0.2754	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7174	0.2781	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.8464	0.2912	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
			EC2		4.6056	0.2781	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7022	0.2652	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.7689	0.2781	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.8152	0.2912	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.

The dimmers ith good dimming performance are as follos: 1/2/5(1;2; 4LED2, 6 Strd mode )/6(hite mode: Green, hite)/7(1 ,CFLI1,CFLI2,LED1, LED2,LED3, LED4 mode )/8/9/10( DEFAULT 1, Transformer LED5, LED6, LED7 mode )/11( LED1 , LED3\* , LED4\* , LED5, LED6, LED7\* , LED8\* mode )/12 (Dimming mode mode) /14(LED 1,Transformer LED5, LED6, LED7\* , LED8\* mode )/15/17(AUTO, LC1,LC2,LC3, mode )/18(AUTO, LC1,LC2,LC3, mode )



## Dimmer compatibility test

Project Name:GU10 4.3w

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No.	Brand	Item No.	Mode①	Mode②	No.1			No.2			No.3			No.4		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
							4.3w/230V			4.3w/230V			4.3w/230V			4.3w/230V