

Dimmer compatibility test

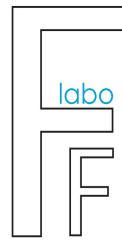
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201													
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
			loads(CFL)	100%	9W	1.13 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.76 W	0.84 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.89 W	1.25 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.88 W	0.94 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.92 W	0.82 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.69 W	1W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.42 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.4 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.84 W	0.43 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.58 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.37 W	Stable dimming performance and invisible flicker;The light can be turned off.	
					No function	8.95 W	1.19 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.76 W	0.85 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.87 W	1.24 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.93 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.87 W	0.87 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.66 W	1.02 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.42 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.36 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.86 W	0.39 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.6 W	0.45 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.31 W	Stable dimming performance and invisible flicker;The light can be turned off.
				Inductive loads	Progressive switch-off	9W	1.19 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.88 W	0.86 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.86 W	1.28 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.02 W	0.98 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.02 W	0.85 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.82 W	1.02 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.4 W	0.42 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.86 W	0.38 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.88 W	0.4 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.58 W	0.39 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.35 W	Stable dimming performance and invisible flicker;The light can be turned off.
					Night light	8.96 W	1.18 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.86 W	0.86 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.85 W	1.28 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.07 W	0.98 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.05 W	0.84 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.83 W	1.05 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.37 W	0.42 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.36 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.86 W	0.39 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.55 W	0.38 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.36 W	Stable dimming performance and invisible flicker;The light can be turned off.
					100%	8.91 W	1.14 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.82 W	0.86 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.89 W	1.29 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.05 W	1.01 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.05 W	0.85 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.83 W	1.03 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.38 W	0.43 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.34 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.84 W	0.4 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.58 W	0.38 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.35 W	Stable dimming performance and invisible flicker;The light can be turned off.
					No function	8.94 W	1.19 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.86 W	0.84 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.89 W	1.28 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.07 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.03 W	0.87 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.82 W	1.06 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.4 W	0.42 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.37 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.88 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.62 W	0.46 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.94 W	0.36 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

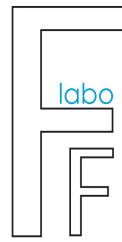
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Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201													
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
1	hager	EVN012	LED load	Progressive switch-off	8.93	1.74	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.9	1.22	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.88	1.88	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.17	1.43	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.07	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.86	1.49	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.45	0.54	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	3.95	0.51	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.48	Stable dimming performance and invisible flicker;The light can be turned off.	1.91	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	
					Night light	9.03	1.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.92	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.86	1.84	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.13	1.46	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.03	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.87	1.47	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.42	0.54	Stable dimming performance and invisible flicker;The light can be turned off.	1.87	0.45	Stable dimming performance and invisible flicker;The light can be turned off.	3.91	0.51	Stable dimming performance and invisible flicker;The light can be turned off.	2.66	0.49	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.46	Stable dimming performance and invisible flicker;The light can be turned off.
						100%	9.36	1.74	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.9	1.19	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.84	1.84	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.08	1.41	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.05	1.21	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.88	1.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.38	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.45	Stable dimming performance and invisible flicker;The light can be turned off.	3.87	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	2.58	0.49	Stable dimming performance and invisible flicker;The light can be turned off.	1.93	0.44
					No function	8.97	1.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.91	1.19	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.86	1.88	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.05	1.43	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.03	1.21	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.86	1.48	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.41	0.54	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	3.9	0.51	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.48	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.44	Stable dimming performance and invisible flicker;The light can be turned off.
				Load	Progressive switch-off	8.96	1.71	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.75	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.88	1.93	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.95	1.4	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.93	1.18	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.74	1.48	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.44	0.53	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	3.94	0.53	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.5	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.43	Stable dimming performance and invisible flicker;The light can be turned off.
						Night light	8.98	1.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.77	1.17	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.88	1.91	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.01	1.43	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.96	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 30%.	5.78	1.46	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.43	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	1.85	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	3.93	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	2.65	0.48	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.43



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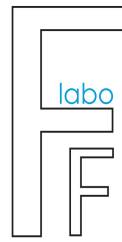
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					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
			tracking(CFL+LED)	100%	9.05	1.74	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.8	1.21	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.88	1.95	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.05	1.42	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.03	1.21	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.78	1.43	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.4	0.53	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.45	Stable dimming performance and invisible flicker;The light can be turned off.	3.91	0.53	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	
					8.98	1.72	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.78	1.19	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.86	1.93	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.03	1.42	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.96	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 30%.	5.81	1.42	Stable dimming performance and invisible flicker;The light can be dimmed to about 25%.	3.42	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.46	Stable dimming performance and invisible flicker;The light can be turned off.	3.93	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.52	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	
				Factory reset	Progressive switch-off	8.92	1.16	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.75	0.82	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.9	1.24	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.92	0.95	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.92	0.8	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.7	0.96	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.43	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	1.89	0.37	Stable dimming performance and invisible flicker;The light can be turned off.	3.96	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	2.61	0.4	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.36	Stable dimming performance and invisible flicker;The light can be turned off.
					Night light	9.02	1.12	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.74	0.84	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.92	1.21	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.02	0.88	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.96	0.83	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.74	0.95	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.42	0.44	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.38	Stable dimming performance and invisible flicker;The light can be turned off.	3.93	0.45	Stable dimming performance and invisible flicker;The light can be turned off.	2.62	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.32	Stable dimming performance and invisible flicker;The light can be turned off.
					100%	9.01	1.13	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.74	0.83	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.88	1.23	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.05	0.91	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.02	0.86	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.72	0.93	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.4	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.36	Stable dimming performance and invisible flicker;The light can be turned off.	3.96	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.43	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.34	Stable dimming performance and invisible flicker;The light can be turned off.
					No function	8.95	1.1	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.75	0.83	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.9	1.19	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.95	0.92	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.96	0.85	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.74	0.93	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.42	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.38	Stable dimming performance and invisible flicker;The light can be turned off.	3.93	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.36	Stable dimming performance and invisible flicker;The light can be turned off.
					No function	8.95	1.1	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.75	0.83	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.9	1.19	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.95	0.92	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.96	0.85	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.74	0.93	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.42	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.38	Stable dimming performance and invisible flicker;The light can be turned off.	3.93	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	2.63	0.42	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.36	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

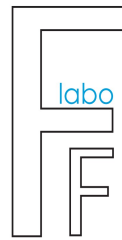
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
2	hager	EVN011			8.97 W	1.18 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.74 W	0.84 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.95 W	1.28 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.93 W	1.03 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.88 W	0.86 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.7 W	1.03 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.41 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.39 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.9 W	0.41 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.57 W	0.4 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.92 W	0.37 W	Stable dimming performance and invisible flicker;The light can be turned off.	
3	eltako	EUD12NPN-UC	AUTO			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
			EC1			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
			EC2			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
			LC1			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
			LC2			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
4	eltako	EUD12D-	EUD			8.84 W		Can be turned on but Non-dimmable; Invisible flicker.	4.76 W		Can be turned on but Non-dimmable; Invisible flicker.	8.02 W		Can be turned on but Non-dimmable; Invisible flicker.	5.92 W		Can be turned on but Non-dimmable; Invisible flicker.	3.9 W		Can be turned on but Non-dimmable; Invisible flicker.	5.63 W		Can be turned on but Non-dimmable; Invisible flicker.	3.39 W		Can be turned on but Non-dimmable; Invisible flicker.	1.88 W		Can be turned on but Non-dimmable; Invisible flicker.	3.92 W		Can be turned on but Non-dimmable; Invisible flicker.	2.53 W		Can be turned on but Non-dimmable; Invisible flicker.	1.91 W		Can be turned on but Non-dimmable; Invisible flicker.
			RTD			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible		
			ESV			9.02 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	4.76 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	8.02 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	5.87 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.91 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	5.69 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.51 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	1.9 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.97 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	2.66 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	1.95 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.
			TLZ			8.96 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	4.74 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	8.08 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	5.88 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.9 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	5.66 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.47 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	1.92 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	3.98 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	2.62 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.	1.83 W		Can be turned on&off but Non-dimmable;Time switch function is available; Invisible flicker.



Dimmer compatibility test

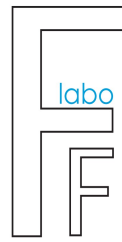
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201													
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
5	schneider	CCTDD20	UC	MIN		8.86 W	Can be turned on but Non-dimmable.	4.81 W	Can be turned on but Non-dimmable.	7.93 W	Can be turned on but Non-dimmable.	5.94 W	Can be turned on but Non-dimmable.	3.85 W	Can be turned on but Non-dimmable.	5.73 W	Can be turned on but Non-dimmable.	3.35 W	Can be turned on but Non-dimmable.	1.82 W	Can be turned on but Non-dimmable.	3.84 W	Can be turned on but Non-dimmable.	2.48 W	Can be turned on but Non-dimmable.	1.83 W	Can be turned on but Non-dimmable.											
				MMX		8.88 W	Can be turned on but Non-dimmable.	4.76 W	Can be turned on but Non-dimmable.	7.88 W	Can be turned on but Non-dimmable.	5.96 W	Can be turned on but Non-dimmable.	3.91 W	Can be turned on but Non-dimmable.	5.7 W	Can be turned on but Non-dimmable.	3.34 W	Can be turned on but Non-dimmable.	1.82 W	Can be turned on but Non-dimmable.	3.82 W	Can be turned on but Non-dimmable.	2.56 W	Can be turned on but Non-dimmable.	1.86 W	Can be turned on but Non-dimmable.											
				TI			Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible									
				ER			Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible									
				ON		8.91 W	Function is available	4.76 W	Function is available	7.98 W	Function is available	5.92 W	Function is available	3.89 W	Function is available	5.65 W	Function is available	3.38 W	Function is available	1.84 W	Function is available	3.9 W	Function is available	2.6 W	Function is available	1.91 W	Function is available	1.91 W	Function is available									
				OFF			Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available		Function is available									
5	schneider	CCTDD20	UC	1		8.95 W	0.24 W	Unstable dimming performance	4.79 W	0.16 W	Unstable dimming performance	6.59 W	0.29 W	Unstable dimming performance	5.96 W	0.19 W	Unstable dimming performance	3.9 W	0.18 W	Unstable dimming performance	5.67 W	0.2 W	Unstable dimming performance	3.44 W	0.1 W	Unstable dimming performance	1.88 W	0.08 W	Unstable dimming performance	3.92 W	0.12 W	Unstable dimming performance	2.62 W	0.17 W	Unstable dimming performance	1.88 W	0.12 W	Unstable dimming performance
				2		9.04 W	0.06 W	Stable dimming performance and invisible flicker;The light can be turned off.	4.73 W	0.04 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.98 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	6W	0.08 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.99 W	0.04 W	Stable dimming performance and invisible flicker;The light can be turned off.	5.66 W	0.08 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.42 W	0.11 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.92 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.58 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.89 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.
				3 Prog			Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible		Incompatible	
				4 LED2		8.99 W	0.04 W	Stable dimming performance and invisible flicker;The light can be turned off.	4.73 W	0.06 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.97 W	0.11 W	Stable dimming performance and invisible flicker;The light can be turned off.	6.12 W	0.06 W	Stable dimming performance and invisible flicker;The light can be turned off.	4.07 W	0.05 W	Stable dimming performance and invisible flicker;The light can be turned off.	5.66 W	0.06 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.41 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.86 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.57 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.11 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

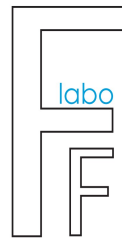
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201													
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
6	Legrandoc	016	5 Prog	/	9.14	0.07	Stable dimming performance and invisible flicker;The light can be turned off.	5.34	0.05	Stable dimming performance and invisible flicker;The light can be turned off.	6.4	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	6.45	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	4.48	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	6.23	0.07	Stable dimming performance and invisible flicker;The light can be turned off.	2.69	0.04	Stable dimming performance and invisible flicker;The light can be turned off.	1.48	0.14	Stable dimming performance and invisible flicker;The light can be turned off.	3.08	0.2	Stable dimming performance and invisible flicker;The light can be turned off.	2.05	0.34	Stable dimming performance and invisible flicker;The light can be turned off.	1.56	0.32	Stable dimming performance and invisible flicker;The light can be turned off.	
					8.93	0.07	Stable dimming performance and invisible flicker;The light can be turned off.	4.75	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	8.03	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	5.92	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	3.94	0.07	Stable dimming performance and invisible flicker;The light can be turned off.	5.7	0.07	Stable dimming performance and invisible flicker;The light can be turned off.	3.48	0.05	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.1	Stable dimming performance and invisible flicker;The light can be turned off.	3.95	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	2.59	0.14	Stable dimming performance and invisible flicker;The light can be turned off.	1.92	0.13	Stable dimming performance and invisible flicker;The light can be turned off.	
					8.98		Can be turned on but Non-dimmable.	4.74		Can be turned on but Non-dimmable.	7.99		Can be turned on but Non-dimmable.	5.93		Can be turned on but Non-dimmable.	3.9		Can be turned on but Non-dimmable.	5.67		Can be turned on but Non-dimmable.	3.42		Can be turned on but Non-dimmable.	1.88		Can be turned on but Non-dimmable.	3.92		Can be turned on but Non-dimmable.	2.56		Can be turned on but Non-dimmable.	1.9		Can be turned on but Non-dimmable.	
			002671	White	Green	8.86	1.24	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.74	0.82	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.5	1.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.88	0.98	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.91	0.78	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.69	1.07	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.28	0.18	Stable dimming performance and invisible flicker;The light can be turned off.	1.79	0.17	Stable dimming performance and invisible flicker;The light can be turned off.	3.78	0.22	Stable dimming performance and invisible flicker;The light can be turned off.	2.42	0.18	Stable dimming performance and invisible flicker;The light can be turned off.	1.85	0.16	Stable dimming performance and invisible flicker;The light can be turned off.
					Orange	8.91		Can be turned on but Non-dimmable.	4.75		Can be turned on but Non-dimmable.	8.05		Can be turned on but Non-dimmable.	5.92		Can be turned on but Non-dimmable.	3.92		Can be turned on but Non-dimmable.	5.7		Can be turned on but Non-dimmable.	3.48		Can be turned on but Non-dimmable.	1.91		Can be turned on but Non-dimmable.	3.98		Can be turned on but Non-dimmable.	2.62		Can be turned on but Non-dimmable.	1.94		Can be turned on but Non-dimmable.
					White	8.92	1.28	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.74	1.07	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.5	1.42	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.95	1.04	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.93	0.86	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.72	1.03	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.2	0.18	Stable dimming performance and invisible flicker;The light can be turned off.	1.76	0.16	Stable dimming performance and invisible flicker;The light can be turned off.	3.71	0.22	Stable dimming performance and invisible flicker;The light can be turned off.	2.45	0.2	Stable dimming performance and invisible flicker;The light can be turned off.	1.85	0.18	Stable dimming performance and invisible flicker;The light can be turned off.
		Blue			8.94		Can be turned on but Non-dimmable.	4.75		Can be turned on but Non-dimmable.	7.97		Can be turned on but Non-dimmable.	5.92		Can be turned on but Non-dimmable.	3.91		Can be turned on but Non-dimmable.	5.67		Can be turned on but Non-dimmable.	3.4		Can be turned on but Non-dimmable.	1.86		Can be turned on but Non-dimmable.	3.93		Can be turned on but Non-dimmable.	2.56		Can be turned on but Non-dimmable.	1.89		Can be turned on but Non-dimmable.	



Dimmer compatibility test

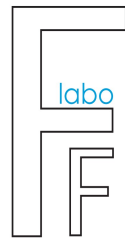
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201													
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V													
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description							
				Red			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.			Dimming range is limited and invisible flicker.										
				Red																																		
				Green																																		
				Orange																																		
				Blue																																		
7	NIKO	310-00700			1	8.96 W	1.01 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.72 W	0.65 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.94 W	1.1 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.89 W	0.8 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.91 W	0.65 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.68 W	0.84 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.42 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.86 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.91 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.6 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.
					2			Can be dimmed but there is visible flicker			Can be dimmed but there is visible flicker			Can be dimmed but there is visible flicker			Can be dimmed but there is visible flicker			Can be dimmed but there is visible flicker	5.93 W	0.91 W	Can be dimmed but there is visible flicker	1.94 W		Non-dimmable			Non-dimmable	1.44 W		Non-dimmable			Non-dimmable			Non-dimmable
					CFLI1	8.9 W	1.45 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.7 W	0.93 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.6 W	1.57 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.87 W	1.15 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.86 W	0.93 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.62 W	1.23 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.27 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.74 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.75 W	0.25 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.46 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.78 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.
					CFLI2	8.89 W	1.52 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.89 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.61 W	1.62 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.07 W	1.19 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.01 W	1.01 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.91 W	1.28 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.3 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.8 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.77 W	0.25 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.43 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.79 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.
					LED1	8.92 W	0.25 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 2.5%.	4.71 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.92 W	0.25 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	5.93 W	0.37 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.89 W	0.3 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 8%.	5.66 W	0.39 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	3.4 W	0.07 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.85 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.56 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

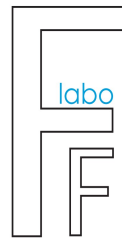
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245			8204254			8204232			8204231			8204230			8204246			8204221			8204220			8204211			8204250			8204201		
					10W/230V			5W/230V			8W/230V			6W/230V			4W/230V			6W/230V			4W/230V			2W/230V			4W/230V			3W/230V			2W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			LED2		8.93 W	0.21 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 2.5%.	4.75 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.88 W	0.25 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	5.9 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.91 W	0.17 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	5.69 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.39 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.84 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.82 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.54 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED3		8.94 W	0.2 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 2%.	4.72 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.94 W	0.26 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	5.9 W	0.22 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	3.9 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	5.67 W	0.22 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	3.39 W	0.08 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.86 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.86 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.5 W	0.06 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.04 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED4		8.9 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	4.75 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	7.9 W	0.24 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	5.92 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.93 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	5.7 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.4 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.83 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.84 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.55 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.
8	NIKO	310-04900			8.97 W	1.15 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.8 W	0.78 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.47 W	1.26 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6W	0.92 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.92 W	0.77 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.73 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.31 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.81 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.74 W	0.28 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.44 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.84 W	0.23 W	Stable dimming performance and invisible flicker;The light can be turned off.
9	NIKO	310-02800			9.05 W	0.53 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	4.77 W	0.38 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.84 W	0.55 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.94 W	0.43 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.93 W	0.34 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.7 W	0.43 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.36 W	0.09 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.84 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.85 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.52 W	0.1 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.86 W	0.07 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

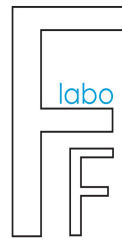
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245			8204254			8204232			8204231			8204230			8204246			8204221			8204220			8204211			8204250			8204201		
					10W/230V			5W/230V			8W/230V			6W/230V			4W/230V			6W/230V			4W/230V			2W/230V			4W/230V			3W/230V			2W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
10	NIKO	310-02900	DEFAULT 1		8.98 W	1.26 W	Stable dimming performance but there is visible flicker in the very beginning	5.01 W	0.88 W	Stable dimming performance but there is visible flicker in the very beginning	7.45 W	1.36 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.15 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.15 W	0.84 W	Stable dimming performance but there is visible flicker in the very beginning	5.94 W	1.12 W	Stable dimming performance but there is visible flicker in the very beginning	3.3 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.8 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.8 W	0.25 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.51 W	0.26 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.83 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.
			HALO LED2		9.02 W	1.17 W	Stable dimming performance but there is visible flicker in the very beginning	5.07 W	0.8 W	Stable dimming performance but there is visible flicker in the very beginning	7.45 W	1.34 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.24 W	0.96 W	Stable dimming performance but there is visible flicker in the very beginning	4.21 W	0.81 W	Stable dimming performance but there is visible flicker in the very beginning	6.07 W	1.04 W	Stable dimming performance but there is visible flicker in the very beginning			Incompatible			Incompatible			Incompatible			Incompatible	1.05 W	0.26 W	Stable dimming performance and invisible flicker;Can be turned off but the dimming range is limited.
			Transformer LED3		9.01 W	0.85 W	Stable dimming performance but there is visible flicker in the very beginning	5.09 W	0.51 W	Stable dimming performance but there is visible flicker in the very beginning	7.5 W	0.87 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.26 W	0.59 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.22 W	0.56 W	Stable dimming performance but there is visible flicker in the very beginning	6.03 W	0.54 W	Stable dimming performance but there is visible flicker in the very beginning	0.66 W	0.15 W	Incompatible	0.4 W	0.06 W	Incompatible	0.74 W	0.19 W	Incompatible	0.53 W	0.19 W	Incompatible	0.39 W	0.15 W	Incompatible
			LED4		8.36 W	0.29 W	Stable dimming performance but there is visible flicker in the very beginning	4.84 W	0.25 W	Stable dimming performance but there is visible flicker in the very beginning	6.15 W	0.4 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	6.2 W	0.34 W	Stable dimming performance but there is visible flicker in the very beginning	4.01 W	0.36 W	Stable dimming performance but there is visible flicker in the very beginning	5.87 W	0.45 W	Stable dimming performance but there is visible flicker in the very beginning	2.49 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.37 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.98 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.38 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.
			Transformer LED5		8.99 W	0.3 W	Stable dimming performance but there is visible flicker in the very beginning	4.79 W	0.25 W	Stable dimming performance but there is visible flicker in the very beginning	6.54 W	0.4 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	6.02 W	0.27 W	Stable dimming performance but there is visible flicker in the very beginning	4.07 W	0.25 W	Stable dimming performance but there is visible flicker in the very beginning	5.82 W	0.26 W	Stable dimming performance but there is visible flicker in the very beginning	3.32 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.92 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.87 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.53 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

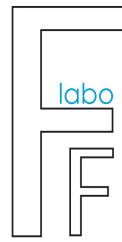
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201												
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V												
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description						
			LED6		8.98 W	0.32 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 3%.	5.02 W	0.24 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	7.42 W	0.36 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	6.14 W	0.26 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	4.17 W	0.22 W	Stable dimming performance but there is visible flicker in the very beginning	5.96 W	0.28 W	Stable dimming performance but there is visible flicker in the very beginning	3.25 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.8 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.78 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.46 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.82 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED7		9.02 W	0.4 W	Stable dimming performance but there is visible flicker in the very beginning	4.59 W	0.24 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	7.39 W	0.37 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	5.99 W	0.26 W	Stable dimming performance but there is visible flicker in the very beginning	3.63 W	0.23 W	Stable dimming performance but there is visible flicker in the very beginning	5.75 W	0.26 W	Stable dimming performance but there is visible flicker in the very beginning	2.94 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.83 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.87 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.53 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED8		8.98 W	0.35 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	5.05 W	0.28 W	Stable dimming performance but there is visible flicker in the very beginning	7.48 W	0.38 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	6.23 W	0.39 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	4.23 W	0.27 W	Stable dimming performance but there is visible flicker in the very beginning	5.95 W	0.32 W	Stable dimming performance but there is visible flicker in the very beginning	3.4 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.88 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.95 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.65 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED1		8.93 W	0.99 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.37 W	0.58 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.4 W	1.1 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.89 W	0.81 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.9 W	0.66 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.67 W	0.87 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.44 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.12 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.93 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.59 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.9 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED2		9.15 W	1.18 W	Stable dimming performance but there is visible flicker in the very beginning	4.5 W	0.82 W	Stable dimming performance but there is visible flicker in the very beginning	8.23 W	1.33 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.23 W	0.97 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.72 W	0.84 W	Stable dimming performance but there is visible flicker in the very beginning	4.34 W	1.02 W	Stable dimming performance but there is visible flicker in the very beginning			Incompatible			Incompatible			Incompatible			Incompatible			Incompatible
			LED3 *		8.85 W	1.37 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.72 W	0.92 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	7.63 W	1.52 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.9 W	1.04 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.91 W	0.92 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.68 W	1.14 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.33 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.83 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.77 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.44 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.83 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

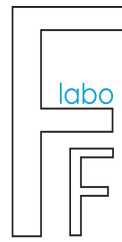
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201												
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V												
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description						
11	NIKO	310-01900	LED4*		8.81	1.54	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.89	1.01	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	7.65	1.62	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.07	1.18	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	4.02	0.99	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	5.82	1.24	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	3.25	0.24	Stable dimming performance and invisible flicker;The light can be turned off.	1.82	0.21	Stable dimming performance and invisible flicker;The light can be turned off.	3.78	0.27	Stable dimming performance and invisible flicker;The light can be turned off.	2.43	0.24	Stable dimming performance and invisible flicker;The light can be turned off.	1.81	0.22	Stable dimming performance and invisible flicker;The light can be turned off.
					8.92	0.15	Stable dimming performance and invisible flicker;The light can be turned off.	4.73	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	7.87	0.24	Stable dimming performance and invisible flicker;The light can be turned off.	5.87	0.15	Stable dimming performance and invisible flicker;The light can be turned off.	3.86	0.14	Stable dimming performance and invisible flicker;The light can be turned off.	5.67	0.16	Stable dimming performance and invisible flicker;The light can be turned off.	3.36	0.05	Stable dimming performance and invisible flicker;The light can be turned off.	1.84	0.03	Stable dimming performance and invisible flicker;The light can be turned off.	3.85	0.05	Stable dimming performance and invisible flicker;The light can be turned off.	2.51	0.02	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.03	Stable dimming performance and invisible flicker;The light can be turned off.
					8.84	0.21	Stable dimming performance and invisible flicker;The light can be turned off.	4.74	0.19	Stable dimming performance and invisible flicker;The light can be turned off.	7.83	0.28	Stable dimming performance and invisible flicker;The light can be turned off.	5.89	0.21	Stable dimming performance and invisible flicker;The light can be turned off.	3.96	0.22	Stable dimming performance and invisible flicker;The light can be turned off.	5.68	0.21	Stable dimming performance and invisible flicker;The light can be turned off.	3.44	0.03	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	3.86	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	2.57	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	1.88	0.06	Stable dimming performance and invisible flicker;The light can be turned off.
					8.89	0.19	Stable dimming performance and invisible flicker;The light can be turned off.	4.7	0.14	Stable dimming performance and invisible flicker;The light can be turned off.	7.95	0.23	Stable dimming performance and invisible flicker;The light can be turned off.	5.92	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	3.87	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	5.63	0.13	Stable dimming performance and invisible flicker;The light can be turned off.	3.4	0.02	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.03	Stable dimming performance and invisible flicker;The light can be turned off.	3.84	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	2.56	0.05	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.06	Stable dimming performance and invisible flicker;The light can be turned off.
					8.84	0.25	Stable dimming performance and invisible flicker;The light can be turned off.	4.75	0.16	Stable dimming performance and invisible flicker;The light can be turned off.	7.93	0.26	Stable dimming performance and invisible flicker;The light can be turned off.	5.93	0.23	Stable dimming performance and invisible flicker;The light can be turned off.	3.94	0.21	Stable dimming performance and invisible flicker;The light can be turned off.	5.67	0.19	Stable dimming performance and invisible flicker;The light can be turned off.	3.45	0.04	Stable dimming performance and invisible flicker;The light can be turned off.	1.89	0.03	Stable dimming performance and invisible flicker;The light can be turned off.	3.91	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	2.57	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.9	0.08	Stable dimming performance and invisible flicker;The light can be turned off.
			Preset levels mode	9W	2.49	Can be turned on but Non-dimmable; Invisible flicker;	4.7	1.56	Can be turned on but Non-dimmable; Invisible flicker;	7.43	1.56	Can be turned on but Non-dimmable; Invisible flicker;	6W	1.89	Can be turned on but Non-dimmable; Invisible flicker;	4.01	1.49	Can be turned on but Non-dimmable; Invisible flicker;	5.84	1.99	Can be turned on but Non-dimmable; Invisible flicker;	3.28	0.54	Can be turned on but Non-dimmable; Invisible flicker;	1.8	0.38	Can be turned on but Non-dimmable; Invisible flicker;	3.75	0.53	Can be turned on but Non-dimmable; Invisible flicker;	2.44	0.43	Can be turned on but Non-dimmable; Invisible flicker;	1.84	0.08	Can be turned on but Non-dimmable; Invisible flicker;	



Dimmer compatibility test

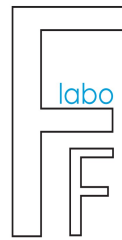
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245		8204254		8204232		8204231		8204230		8204246		8204221		8204220		8204211		8204250		8204201												
					10W/230V		5W/230V		8W/230V		6W/230V		4W/230V		6W/230V		4W/230V		2W/230V		4W/230V		3W/230V		2W/230V												
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description						
14	NIKO	310-03900	LED4		8.36 W	0.42 W	Stable dimming performance but there is visible flicker in the very beginning	4.9 W	0.37 W	Stable dimming performance but there is visible flicker in the very beginning	6.06 W	0.49 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	6.1 W	0.4 W	Incompatible	5.93 W	0.37 W	Stable dimming performance but there is visible flicker in the very beginning	3.44 W	0.21 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.29 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.87 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.86 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.32 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.			
			Transformer LED5				Incompatible			Incompatible	7.45 W	0.49 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.			Incompatible			Incompatible			Incompatible	3.28 W	0.14 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.77 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.77 W	0.15 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.47 W	0.17 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.8 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED6				Incompatible			Incompatible	7.53 W	0.56 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.			Incompatible			Incompatible			Incompatible	3.38 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.84 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.51 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED7*				Incompatible			Incompatible	7.52 W	0.55 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.			Incompatible			Incompatible			Incompatible	3.36 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.9 W	0.22 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.56 W	0.24 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.87 W	0.2 W	Stable dimming performance and invisible flicker;The light can be turned off.
			LED8*				Incompatible			Incompatible	7.46 W	0.57 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.			Incompatible			Incompatible			Incompatible	3.24 W	0.13 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.77 W	0.16 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.75 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.47 W	0.18 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.84 W	0.19 W	Stable dimming performance and invisible flicker;The light can be turned off.
15	elte	EUD61N	P-AB		9.14 W	0.96 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.76 W	0.8 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	7.54 W	0.97 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.07 W	0.83 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4W	0.77 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	5.81 W	0.87 W	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.33 W	0.56 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.76 W	0.56 W	Stable dimming performance and invisible flicker;The light can be turned off.	3.81 W	0.57 W	Stable dimming performance and invisible flicker;The light can be turned off.	2.49 W	0.59 W	Stable dimming performance and invisible flicker;The light can be turned off.	1.85 W	0.54 W	Stable dimming performance and invisible flicker;The light can be turned off.



Dimmer compatibility test

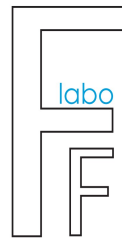
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245			8204254			8204232			8204231			8204230			8204246			8204221			8204220			8204211			8204250			8204201								
					10W/230V			5W/230V			8W/230V			6W/230V			4W/230V			6W/230V			4W/230V			2W/230V			4W/230V			3W/230V			2W/230V								
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description			
16	eko	PL-230V	P-AN	/		9.29	0.91	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.34	0.8	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	7.23	1W	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.61	0.86	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	4.5	0.8	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	6.29	0.86	Stable dimming performance and invisible flicker;The light can be dimmed to about 15%.	3.18	0.5	Stable dimming performance and invisible flicker;The light can be turned off.	1.76	0.58	Stable dimming performance and invisible flicker;The light can be turned off.	3.65	0.66	Stable dimming performance and invisible flicker;The light can be turned off.	2.4	0.64	Stable dimming performance and invisible flicker;The light can be turned off.	1.79	0.6	Stable dimming performance and invisible flicker;The light can be turned off.					
						Incompatible	Incompatible	Incompatible	Incompatible	Incompatible	5.72	W	Incompatible	3.2	W	Incompatible	1.95	W	Incompatible	2.92	W	Incompatible	2.07	W	Incompatible	1.61	W	Incompatible															
					17	eltako	EUD61NP-230V	/	/		8.85	0.69	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	4.79	0.47	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.57	0.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.04	0.55	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.94	0.45	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.74	0.58	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.16	0.1	Stable dimming performance and invisible flicker;The light can be turned off.	1.81	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	3.76	0.15	Stable dimming performance and invisible flicker;The light can be turned off.	2.5	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.85	0.09	Stable dimming performance and invisible flicker;The light can be turned off.
											8.95	0.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.94	0.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.49	1.69	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.1	0.59	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.05	0.48	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.83	0.65	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.2	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.73	0.11	Stable dimming performance and invisible flicker;The light can be turned off.	3.66	0.15	Stable dimming performance and invisible flicker;The light can be turned off.	2.36	0.18	Stable dimming performance and invisible flicker;The light can be turned off.	1.76	0.12	Stable dimming performance and invisible flicker;The light can be turned off.
	8.93	0.71	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.98						0.49	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.45	0.79	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.13	0.58	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.11	0.54	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.89	0.59	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.19	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.75	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	3.68	0.13	Stable dimming performance and invisible flicker;The light can be turned off.	2.38	0.19	Stable dimming performance and invisible flicker;The light can be turned off.	1.75	0.16	Stable dimming performance and invisible flicker;The light can be turned off.					
	8.88	0.73	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5W						0.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.36	1.85	Stable dimming performance and invisible flicker;The light can be dimmed to about 20%.	6.12	0.59	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.06	0.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.85	0.63	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.2	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.73	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	3.66	0.15	Stable dimming performance and invisible flicker;The light can be turned off.	2.41	0.2	Stable dimming performance and invisible flicker;The light can be turned off.	1.77	0.15	Stable dimming performance and invisible flicker;The light can be turned off.					



Dimmer compatibility test

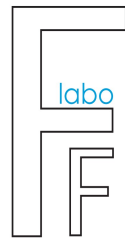
Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245			8204254			8204232			8204231			8204230			8204246			8204221			230V8204220 B45			230V8204211 C35			230V8204250 C35			230V8204201 C35		
					10W/230V			5W/230V			8W/230V			6W/230V			4W/230V			6W/230V			4W/230V			2W/230V			4W/230V			3W/230V			2W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
18	eltako	EUD61NPN-UC	EC1	/	8.84	1.43	Unstable dimming performance	4.71	0.93	Unstable dimming performance	7.95	1.55	Unstable dimming performance	5.92	1.13	Unstable dimming performance	3.87	0.91	Unstable dimming performance	5.66	1.19	Unstable dimming performance	3.37	0.2	Unstable dimming performance	1.85	0.16	Unstable dimming performance	3.87	0.24	Unstable dimming performance	2.56	0.21	Unstable dimming performance	1.86	0.17	Unstable dimming performance
					8.93	1.44	Unstable dimming performance	4.74	0.95	Unstable dimming performance	7.95	1.6	Unstable dimming performance	5.92	1.18	Unstable dimming performance	3.9	0.94	Unstable dimming performance	5.68	1.2	Unstable dimming performance	3.34	0.21	Unstable dimming performance	1.83	0.16	Unstable dimming performance	3.81	0.24	Unstable dimming performance	2.5	0.2	Unstable dimming performance	1.87	0.15	Unstable dimming performance
					8.91	0.69	Stable dimming performance and invisible flicker;The light can be dimmed to about 5%.	4.73	0.48	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.94	0.78	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.91	0.56	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.89	0.47	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.69	0.6	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.34	0.06	Stable dimming performance and invisible flicker;The light can be turned off.	1.85	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	3.86	0.11	Stable dimming performance and invisible flicker;The light can be turned off.	2.5	0.1	Stable dimming performance and invisible flicker;The light can be turned off.	1.86	0.08	Stable dimming performance and invisible flicker;The light can be turned off.
					8.96	0.71	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.95	0.49	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.5	0.81	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.12	0.61	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.08	0.51	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.89	0.63	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.17	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	1.72	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	3.63	0.11	Stable dimming performance and invisible flicker;The light can be turned off.	2.42	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	1.76	0.09	Stable dimming performance and invisible flicker;The light can be turned off.
					8.88	0.75	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.94	0.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.51	0.8	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.12	0.65	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.05	0.5	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.85	0.68	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.2	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	1.72	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	3.67	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	2.36	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	1.75	0.08	Stable dimming performance and invisible flicker;The light can be turned off.
8.92	0.72	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.94	0.49	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	7.53	0.8	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	6.15	0.62	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	4.1	0.48	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	5.88	0.61	Stable dimming performance and invisible flicker;The light can be dimmed to about 10%.	3.22	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	1.74	0.08	Stable dimming performance and invisible flicker;The light can be turned off.	3.66	0.12	Stable dimming performance and invisible flicker;The light can be turned off.	2.39	0.09	Stable dimming performance and invisible flicker;The light can be turned off.	1.79	0.1	Stable dimming performance and invisible flicker;The light can be turned off.					



Dimmer compatibility test

Project Name: Filament bulbs

Project ID:20211027

Date:Oct-27-2021

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	8204245			8204254			8204232			8204231			8204230			8204246			8204221			230V8204220 B45			230V8204211 C35			230V8204250 C35			230V8204201 C35		
					10W/230V			5W/230V			8W/230V			6W/230V			4W/230V			6W/230V			4W/230V			2W/230V			4W/230V			3W/230V			2W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			EC1		8.9 W	1.47 W	Unstable dimming performance	4.74 W	0.96 W	Unstable dimming performance	7.71 W	1.59 W	Unstable dimming performance	5.94 W	1.17 W	Unstable dimming performance	3.88 W	0.95 W	Unstable dimming performance	5.7 W	1.23 W	Unstable dimming performance	3.3 W	0.22 W	Unstable dimming performance	1.8 W	0.18 W	Unstable dimming performance	3.77 W	0.25 W	Unstable dimming performance	2.51 W	0.22 W	Unstable dimming performance	1.83 W	0.17 W	Unstable dimming performance
			EC2		8.95 W	1.45 W	Unstable dimming performance	4.76 W	0.94 W	Unstable dimming performance	7.73 W	1.63 W	Unstable dimming performance	5.92 W	1.19 W	Unstable dimming performance	3.95 W	0.98 W	Unstable dimming performance	5.75 W	1.18 W	Unstable dimming performance	3.32 W	0.2 W	Unstable dimming performance	1.83 W	0.18 W	Unstable dimming performance	3.75 W	0.23 W	Unstable dimming performance	2.5 W	0.18 W	Unstable dimming performance	1.79 W	0.18 W	Unstable dimming performance