

Dimmer compatibility test

Project Name:Wall lamp

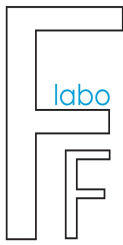
Date:Oct-29th-2021

Product/Part number: 3425051 8W

Inspector:Tuan

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	3425051		
					8W/230V		
					Max	Min	Description
			Fluocompact*	Progressive switch-off	7.9W	1.31W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.88W	1.38W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.88W	1.33W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				No function	7.86W	1.36W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			Capacitive loads(CFL)	Progressive switch-off	7.85W	0.73W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.87W	0.72W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.86W	0.71W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				No function	7.87W	0.71W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			Inductive loads	Progressive switch-off	7.79W	0.92W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.8W	0.92W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.79W	0.91W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker



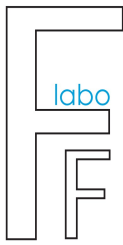
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					8W/230V		
					Max	Min	Description
1	hager	EVN012		No function	7.79W	0.92W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED load	Progressive switch-off	7.85W	1.33W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.87W	1.32W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.84W	1.33W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				No function	7.82W	1.34W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			Load traching(CFL+LED)	Progressive switch-off	7.87W	0.96W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.87W	0.96W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.85W	0.93W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				No function	7.9W	0.97W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			Factory reset	Progressive switch-off	7.86W	0.7W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Night light	7.89W	0.7W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				100%	7.89W	0.7W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				No function	7.87W	0.71W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker



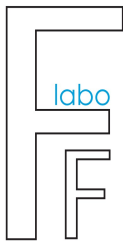
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					8W/230V		
					Max	Min	Description
2	hager	EVN011			7.86W	0.72W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
3	eltako	EUD12NPN-UC	AUTO				Incompatible
			EC1				Incompatible
			EC2				Incompatible
			LC1				Incompatible
			LC2				Incompatible
			LC3				Incompatible
4	eltako	EUD12D-UC	EUD		7.57W		Can be turned on but Non-dimmable.
			RTD				Incompatible
			ESV		7.58W		Can be turned on&off but Non-dimmable.Time switch function available.No visible flicker.
			TLZ		7.57W		Can be turned on&off but Non-dimmable.Time switch function available.No visible flicker.
			MIN		7.75W		Can be turned on&off but Non-dimmable.No visible flicker.
			MMX		8.05W		Can be turned on&off but Non-dimmable.No visible flicker.
			TI				Incompatible
			ER				Incompatible
			ON		7.55W		Function available
			OFF				Function available
			1		7.53W	0.09W	Incompatible,visible flicker



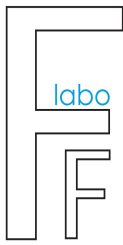
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					8W/230V		
					Max	Min	Description
5	schneider	CCTDD20016	2		7.63W	0.07W	Stable dimming performance,the light can be turned off i n the Min position;No visible flicker
			3 Prog				Incompatible
			4 LED2		7.53W	0.08W	Stable dimming performance,the light can be turned off i n the Min position;No visible flicker
			5 Prog		6.26W	0.05W	Incompatible
			6 Strd		7.84W	0.17W	Stable dimming performance,the light can be turned off i n the Min position;No visible flicker
			7 ON		7.56W		Can be turned on but Non-dimmable.
6	Legrandoc	002671	White	Green	7.85W	0.61W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Orange	7.55W		Can be turned on&off but Non-dimmable.
				White	7.85W	0.58W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
				Blue	7.55W		Can be turned on&off but Non-dimmable.
				Red	7.82W	1.25W	Can only be dimmed to the Min postion;No visible flicker.
			Red				
			Green				
			Orange				
			Blue				
			1		7.93W	0.49W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker



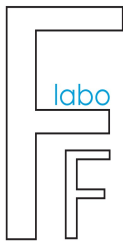
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					8W/230V		
					Max	Min	Description
7	NIKO	310-00700	2				Incompatible
			CFLI1		7.82W	0.63W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			CFLI2		7.91W	1.09W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED1		7.99W	0.16W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED2		7.68W	0.21W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED3		7.96W	0.16W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED4		7.73W	0.33W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
8	NIKO	10-04900-0280			7.78W	0.58W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
9	NIKO	10-04900-0280			7.92W	0.27W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
10	NIKO	310-02900	DEFAULT 1		8.14W	0.94W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			HALO LED2		8.09W	0.96W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			Transformer LED3		8.08W	0.57W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED4		5.19W	0.25W	Stable dimming performance but the dimming range is limit.Visible flicker
			Transformer LED5		7.91W	0.3W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker



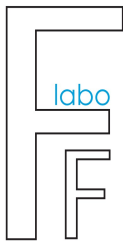
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					8W/230V		
					Max	Min	Description
11	NIKO	310-01900	LED6		8.07W	0.49W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED7		7.91W	0.28W	Stable dimming performance,can only be dimmed to the Min position.
			LED8		8.09W	0.28W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED1		7.9W	0.48W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED2				Incompatible
			LED3 *		7.8W	0.62W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED4*		7.9W	1.13W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED5		7.89W	0.15W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED6		7.65W	0.19W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED7*		7.94W	0.15W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
12	bticino	N4411N	Preset levels mode		7.96W	1.1W	Can be turned on but Non-dimmable.
			Preset levels mode+night mode		7.92W	1.05W	Can be turned on but Non-dimmable.
			Dimming mode		7.94W	0.5W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker



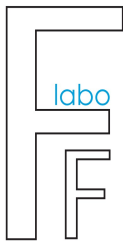
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					Max	Min	Description
13	bticino	N4408N					Incompatible
14	NIKO	310-03900	LED1		8.09W	1.04W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			HALO LED2				Incompatible
			Transformer LED3*				Incompatible
			LED4		5.35W	0.33W	Stable dimming performance but the dimming range is limit.Ivisible flicker;The light can be dimmed to 5%.
			Transformer LED5		7.92W	0.33W	Stable dimming performance but the dimming range is limit;The light can be dimmed to 5%.There is visible flicker.
			LED6		8.1W	0.37W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED7*		7.89W	0.32W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			LED8*		8.08W	0.411W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
15	eltako	UD61NPL-230	P-AB		8.04W	0.69W	Stable dimming performance,but the light can be dimmed to 5%;No visible flicker
			P-AN		8.38W	0.81W	Stable dimming performance,the light can be turned off i n the Min position;No visible flicker



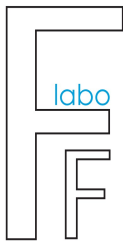
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No.	Brand	Item No.	Mode①	Mode②	3425051		
					8W/230V		
					Max	Min	Description
16	eltako	EUD61NP-230V					Incompatible
17	eltako	EUD61NPN-230V	AUTO		7.52W	0.34W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC1		7.96W	0.59W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC2		7.95W	0.59W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC3		7.97W	0.55W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			EC1		7.54W	0.68W	Unstable dimming performance and slow response. the light can be dimmed to 5%. Invisible flicker.
			EC2		7.85W	0.64W	Unstable dimming performance and slow response. the light can be dimmed to 5%. Invisible flicker.
18	eltako	EUD61NPN-UC	AUTO		7.85W	0.37W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC1		7.96W	0.57W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC2		7.96W	0.58W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			LC3		7.95W	0.59W	Stable dimming performance, but the light can be dimmed to 5%; No visible flicker. Slow response.
			EC1		7.57W	0.67W	Unstable dimming performance and slow response. the light can be dimmed to 5%. Invisible flicker.



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					8W/230V		
					Max	Min	Description
			EC2		7.56W	0.65W	Unstable dimming performance and slow response.the light can be dimmed to 5%.Invisible flicker.

Test result: The ones with better compatibility are No.1/2/5 (Mode 2; 4LED2;6 Strd)/No.6(White mode: Green, White)/No.7(1,CFLI1 ,CFLI2, LED1, LED2,LED3,LED4 Mode)/No.8/9/10(DEFAULT 1 ,HALO LED2,Transformer LED3,Transformer LED5, LED6, LED8 Mode)/No.11 (LED1, LED3*, LED4*, LED5, LED6, LED7*, LED8*Mode)/No.12 (Dimming mode) /No.14(LED 1, LED6, LED7*, LED8* Mode)/No.15/17(AUTO, LC1,LC2,LC3, Mode)/No.18(AUTO, LC1,LC2,LC3, Mode)

