



Dimmer compatibility test

Project Name: spot light

Product/Part number: TR0142B 10W

Comment/Result: Pass

Date:Oct

No.	Brand	Item No.	Mode①	Mode②	TR0142B		
					10W/230V		
					Max	Min	Description
1	hager	EVN012	Fluocompact*	Progressive switch-off	10.37 W	2.11W	Stable dimming performance except that there will be a instantaneous flicker in the beginning and dimming from the Max to Min position.Can't be turned off in the Min position.
				Night light	10.35 W	2.16W	Stable dimming performance except that there will be a instantaneous flicker in the beginning and dimming from the Max to Min position.Can't be turned off in the Min position.
				100%	10.35 W	2.15W	Stable dimming performance except that there will be a instantaneous flicker in the beginning and dimming from the Max to Min position.Can't be turned off in the Min position.
				No function	10.37 W	2.17W	Stable dimming performance except that there will be a instantaneous flicker in the beginning and dimming from the Max to Min position.Can't be turned off in the Min position.
			Capacitive loads(CFL)	Progressive switch-off	10.39 W	1.51W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				Night light	10.43 W	1.33W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				100%	10.32 W	1.27W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				No function	10.37 W	1.38W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
			Inductive loads Inductive loads	Progressive switch-off	11.3 W	1.52W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				Night light	11.32 W	1.51W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				100%	11.35 W	1.57W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				No function	11.34 W	1.57W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
			LED load	Progressive switch-off	11.32 W	2.19W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				Night light	11.31 W	2.31W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				100%	11.3 W	2.31W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				No function	11.36 W	2.34W	Stable dimming performance except that there will be a instantaneous flicker in the beginning



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			Load tracking(CFL+LED)	Progressive switch-off	10.35W	1.76W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				Night light	10.32W	1.96W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				100%	10.32W	1.78W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				No function	10.3W	1.69W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
			Factory reset Factory reset	Progressive switch-off	10.34W	1.33W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				Night light	10.31W	1.32W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				100%	10.29W	1.47W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
				No function	10.33W	1.38W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
2	hager	VN01			10.69W	2.17W	Stable dimming performance except that there will be a instantaneous flicker in the beginning
3	eltako	EUD12NPN-UC	EC1				Incompatible
			EC2				Incompatible
			LC1				Incompatible
			LC2				Incompatible
			LC3				Incompatible
4	eltako	EUD12D-UC	EUD		10.3W		Can be turned on but non-dimmable;No visible flicker.
			RTD				Incompatible
			ESV		10.32W		Can be turned on&off,but non-dimmable;Timer switch function is working;No visible flicker.
			TLZ		10.3W		Can be turned on&off,but non-dimmable;Timer switch function is working;No visible flicker.
			MIN		10.77W		Can be turned on&off,but non-dimmable;No visible flicker.
			MMX		10.36W		Can be turned on&off,but non-dimmable;No visible flicker.



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					10W/230V		
					Max	Min	Description
			TI				Incompatible
			ER				Incompatible
			ON		10.3W		Function is available
			OFF				Function is available
5	schneider	CCTDD20016	1		10.3W	0.28W	Incompatible
			2		10.32 W	0.09W	Stable dimming performance and it can be turned off in the Min position;No visible flicker.
			3 Prog				Incompatible
			4 LED2		10.29 W	0.1W	Stable dimming performance and it can be turned off in the Min position;No visible flicker.
			5 Prog		9.45W	0.09W	Unstable dimming performance.
			6 Strd		10.28 W		Can be turned on&off,but non-dimmable;No visible flicker.
			7 ON		10.11 W		Can be turned on but non-dimmable;No visible flicker.
			White	Green	10.3W	1.42W	Stable dimming performance and it can be turned off in the Min position;No visible flicker.
			White	Orange	9.54W		Can be turned on&off,but non-dimmable;No visible flicker.
	Legra	002	White	White	10.27 W	1.51W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.



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					10W/230V		
					Max	Min	Description
0	andoc	671		Blue	10.09 W		Can be turned on but non-dimmable;
				Red			Can only be dimmed to the Min;No visible flicker.
			Red				
			Green				
			Orange				
			Blue				
7	NIKO	310-00700	1		10.24 W	1.2W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			2				Incompatible
			CFLI1		10.65 W	1.48W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			CFLI2		10.74 W	2.09W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED1		10.29 W	0.26W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED2		10.42 W	0.2W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED3		10.34 W	0.3W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED4		10.22 W	0.2W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
8	NIKO	310-04906			10.3W	1.54W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
9	NIKO	310-02800			10.5W	0.63W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			DEFAULT 1		10.73 W	1.62W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.



Dimmer compatibility test

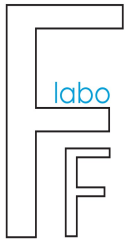
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					10W/230V		
					Max	Min	Description
10	NIKO	310-02900	HALO LED2		11.13 W	1.74W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			Transformer LED3		11.15 W	0.92W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED4		8.32W	1.21W	Stable dimming performance but the dimming range is small. There is visible flicker when dimmed in the Min position.
			Transformer LED5		10.5W	0.48W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED6		11.01 W	0.25W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED7		10.48 W	0.5W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED8		11.12 W	0.29W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
11	NIKO	310-01900	LED1		10.34 W	1.18W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED2				Incompatible
			LED3 *		10.37 W	1.41W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED4*		11.16 W	1.99W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED5		10.32 W	0.28W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED6		10.87 W	0.23W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED7*		10.3W	0.25W	Stable dimming performance and can be turned off in the Min position;No visible flicker.



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					10W/230V		
					Max	Min	Description
			LED8*		11.24 W	0.19W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
12	bticino	N4411N	Preset levels mode		10.41 W	2.33W	Incompatible
			Preset levels mode+night mode		10.34 W	2.3W	Incompatible
			Dimming mode		10.4W	1.38W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
13	bticino	N4408N					Incompatible
14	NIKO	310-03900	LED1		11.23 W	2.08W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			HALO LED2				Incompatible
			Transformer LED3*				Incompatible
			LED4		8.23W	0.54W	Stable dimming performance but the dimming range is small. There is visible flicker when dimmed in the Min position.
			Transformer LED5		10.26 W	0.63W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED6		10.65 W	0.42W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
			LED7*		10.19 W	0.59W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			LED8*		10.67 W	0.37W	Stable dimming performance and can be turned off in the Min position;No visible flicker.



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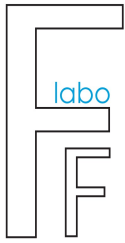
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15	etako	EUD61NPL-230V D6INP-23	P-AB		10.31 W	1.04W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
			P-AN		11.38 W	0.96W	Stable dimming performance and can be turned off in the Min position;No visible flicker.
16	etako	EUD61NPL-230V D6INP-23			10.62 W	1.75W	Stable dimming performance but can't be turned off in the Min position;No visible flicker.
17	etako	EUD61NPN-230V	AUTO		10.33 W	0.93W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC1		10.94 W	0.98W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC2		11.15 W	0.97W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC3		10.71 W	0.97W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			EC1		10.31 W	1.98W	unstable dimming performance and delayed response.
			EC2		10.31 W	1.66W	unstable dimming performance and delayed response.
18	etako	EUD61NPN-UC	AUTO		13.32 W	1.01W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC1		11.15 W	0.98W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC2		11.11 W	0.1W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.
			LC3		11.15 W	0.95W	Stable dimming performance,but there is delayed response when the light turned on&off..No visible flicker.



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			EC1	/	10.27 W	1.78W	unstable dimming performance and delayed response.No visible flicker.
			EC2	/	10.31 W	1.61W	unstable dimming performance and delayed response.No visible flicker.

1pcs TR0142W 10W test result: The ones with better dimming compatibility are NO.5 (Mode 2; 4LED2)/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,LED7, LED8 Mode)/No.11(LED1, LED3*, LED4*, LED5, LED6, LED7*, LED8*Mode)/No.12 (Dimming mode) /No.14(LED 1, Transformer LED5, LED6, LED7*, LED8* Mode)/No.15/16/17(AUTO, LC1,LC2,LC3, Mode)/No.18(AUTO, LC1,LC2,LC3, Mode)