

8202707 dimmer compatibility test

Project: AR111 12,4W 3000K 30°

No.	Supplier	Item No.	mode①	mode②	8202707		
					12,4W/230V		
					Max	Min	Description
1	hager	EVN012	Fluocompact* (Yellow)	1. Progressive switch-off	13.51W	1.53W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				2. Night light	13.56W	1.58W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				3. 100%	13.54W	1.56W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				4. No function	13.55W	1.56W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
			Capacitive loads(CFL) (Purple)	1. Progressive switch-off	13.53W	0.75W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.
				2. Night light	13.52W	0.76W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.
				3. 100%	13.52W	0.74W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.
				4. No function	13.5W	0.74W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.
			Inductive loads (Blue)	1. Progressive switch-off	13.43W	1.04W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 8%.
				2. Night light	13.43W	1.02W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 8%.
				3. 100%	13.41W	1.04W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 8%.
				4. No function	13.39W	1.03W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 8%.
			LED load (Red)	1. Progressive switch-off	13.47W	1.59W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				2. Night light	13.45W	1.56W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				3. 100%	13.46W	1.58W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
				4. No function	13.44W	1.57W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 13%.
			Load traching(CFL+LED) (Green)	1. Progressive switch-off	13.43W	1.07W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 9%.
				2. Night light	13.45W	1.1W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 9%.
				3. 100%	13.42W	1.08W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 9%.
				4. No function	13.43W	1.08W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 9%.
			Factory reset	Progressive switch-off	13.43W	0.74W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.
				Night light	13.42W	0.75W	Stable dimming performance and there's invisible flicker during dimming. The light can be dimmed to 6%.

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					12,4W/230V		
					Max	Min	Description
			(White)	100%	13.43W	0.73W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
				No function	13.43W	0.73W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
2	hager	EVN011			13.43W	0.75W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
3	eltako	EUD12NPN-UC	AUTO				
			EC1				
			EC2				
			LC1				
			LC2				
			LC3				
4	eltako	EUD12D-UC	EUD		13.09W		Can be turned on but Non-dimmable.
			RTD				Imcompatibility
			ESV		13.06W		Can be turned on but Non-dimmable.
			TLZ		13.08W		Can be turned on but Non-dimmable.
			MIN		13.19W		Can be turned on but Non-dimmable.
			MMX		13.23W		Can be turned on but Non-dimmable.
			TI				Imcompatibility
			ER				Imcompatibility
			ON		13.09W		Function is available
			OFF				Function is available
5	schneider	CCTDD20016	1		13.14W	0.16W	Unlinear dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			2		13.17W	0.05W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			3 Prog				Imcompatibility
			4 LED2		13.9W	0.04W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			5 Prog				Imcompatibility
			6 Strd		13.5W	0.15W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			7 ON		13.1W		Function is available
			Green	13.48W	0.65W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.	



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					Max	Min	Description
6	Legrandoc	002671	White	Orange	13.06W		Can be turned on but Non-dimmable.
				White	13.48W	0.67W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
				Blue	13.06W		Can be turned on but Non-dimmable.
				Red	13.47W	1.6W	Non-dimmable
			Red				
			Green				
			Orange				
			Blue				
7	NIKO	310-00700	1		13.44W	0.51W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 4%.
			2				Imcompatibility
			CFLI1		13.43W	0.72W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.
			CFLI2		13.53W	1.36W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 11%.
			LED1		13.44W	0.2W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			LED2		13.26W	0.19W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			LED3		13.44W	0.14W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			LED4		13.23W	0.19W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
8	NIKO	310-04900			13.17W	0.62W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.
9	NIKO	310-02800			13.54W	0.28W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
10	NIKO	310-02900	DEFAULT 1		13.74W	1.07W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 9%.
			HALO LED2		13.77W	1.08W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 9%.
			Transformer LED3		13.74W	0.51W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 4%.
			LED4		8.18W	0.28W	Dimming range is limited and it's 2%-70%
			Transformer LED5		13.52W	0.24W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.

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					12,4W/230V		
					Max	Min	Description
			LED6		13.75W	0.27W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			LED7		13.61W	0.23W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 2%.
			LED8		13.77W	0.31W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
11	NIKO	310-01900	LED1		13.4W	0.5W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
			LED2				Imcompatibility
			LED3 *		13.42W	0.71W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
			LED4*		13.55W	1.34W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 11%.
			LED5		13.4W	0.14W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			LED6		13.22W	0.17W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			LED7*		13.44W	0.13W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
			LED8*		13.21W	0.18W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 1%.
12	bticino	N4411N	Preset levels mode		13.53W	1.32W	Non-dimmable
			Preset levels mode+night mode		13.62W	1.3W	Non-dimmable
			Dimming mode		13.62W	0.53W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 4%.
13	bticino	N4408N			13.85W	1.72W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 15%.
14	NIKO	310-03900	LED1		13.76W	1.26W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 12%.
			HALO LED2				Imcompatibility
			Transformer LED3*				Can be dimmed but there always flicker during dimming.
			LED4		8.14W	0.33W	Dimming range is limited and it's 2%-70%
			Transformer LED5		13.54W	0.34W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
			LED6		13.76W	0.39W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
			LED7*		13.51W	0.31W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.


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No.	Supplier	Item No.	mode①	mode②	8202707		
					12,4W/230V		
					Max	Min	Description
			LED8*		13.73W	0.37W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
15	eltako	EUD61NPL-230V	P-AB		13.68W	0.71W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
			P-AN		14.01W	0.83W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
16	eltako	EUD61NP-230V					Incompatibility
17	eltako	EUD61NPN-230V	AUTO		13.5W	0.34W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
			LC1		13.58W	0.61W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.
			LC2		13.72W	0.64W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.
			LC3		13.62W	0.65W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 5%.
			EC1		13.48W	0.72W	Slow dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%
			EC2		13.08W	0.7W	Slow dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%
18	eltako	EUD61NPN-UC	AUTO		13.09W	0.38W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 3%.
			LC1		13.51W	0.67W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
			LC2		13.54W	0.68W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
			LC3		13.49W	0.64W	Stable dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%.
			EC1		13.04W	0.71W	Slow dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%
			EC2		13.05W	0.75W	Slow dimming performance and there's invisible flicker during dimming.The light can be dimmed to 6%

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No.	Supplier	Item No.	mode①	mode②	8202707		
					12,4W/230V		
					Max	Min	Description
8202707 AR111 12,4W 3000K 30° Test result :							
<p>8202707 and dimmers are compatible with the following models are 1/2/5(1;2; 4LED2, 6 Strd mode)/6(Whitemode下 : Green, White)/7(1,CFLI1 ,CFLI2, LED1, LED2,LED3,LED4 mode)/8/9/10(DEFAULT 1,HALO LED2,Transformer LED3 ,Transformer LED5, LED6, LED7,LED8 mode)/11(LED1, LED3*, LED4*, LED5, LED6, LED7*, LED8*mode)/12 (Dimming mode) /13/14(LED 1,Transformer LED5, LED6, LED7*, LED8* mode)/15/17(AUTO, LC1,LC2,LC3, mode)/18(AUTO, LC1,LC2,LC3, mode)</p>							

