

Dimmer compatibility test

Project Name: New version lopal 4.3W

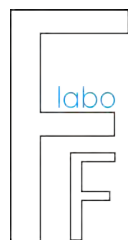
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			Fluocompact* (Yellow)	1. Progressive switch-off	4.48W	0.78W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 18%.-100%	4.5W	0.77W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 18%.-100%	4.52W	0.78W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 18%.-100%	4.57W	0.81W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 19%.-100%	4.53W	0.77W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 19%.-100%
				2. Night light	4.57W	0.85W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.58W	0.86W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.54W	0.83W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 19%.-100%	4.61W	0.89W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.52W	0.86W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%
				3. 100%	4.58W	0.85W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.52W	0.84W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.49W	0.8W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 19%.-100%	4.54W	0.85W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.57W	0.84W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%
				4. No function	4.55W	0.84W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.54W	0.85W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.53W	0.88W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.54W	0.85W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%	4.54W	0.84W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 20%.-100%
			Capacitive loads(CFL) (Purple)	1. Progressive switch-off	4.52W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.54W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.56W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.59W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.53W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%
				2. Night light	4.52W	0.33W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.5W	0.37W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%	4.56W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.58W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.59W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%
				3. 100%	4.59W	0.35W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.52W	0.37W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.54W	0.37W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.61W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%	4.56W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 8%.-100%
				4. No function	4.52W	0.38W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%	4.52W	0.34W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%	4.6W	0.36W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%	4.56W	0.33W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%	4.47W	0.36W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 9%.-100%
				1. Progressive switch-off	4.58W	0.51W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 12%-100%	4.61W	0.53W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 12%-100%	4.61W	0.51W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 12%-100%	4.62W	0.52W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 12%-100%	4.64W	0.52W	Stable dimming performance and there is invisible flicker during dimming; The light can be dimmed from 12%-100%



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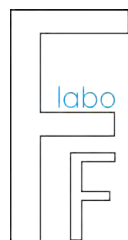
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					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
1	hager	EVN012	Inductive loads (Blue)	2.Night light	4.62W	0.52W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.67W	0.53W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.64W	0.56W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 13%-100%	4.74W	0.51W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.68W	0.52W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
				3. 100%	4.65W	0.51W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.62W	0.54W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.63W	0.54W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.7W	0.53W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.65W	0.54W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
				4.No function	4.65W	0.54W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.61W	0.53W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.61W	0.52W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.66W	0.51W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.62W	0.52W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
			LED load (Red)	1.Progressive switch-off	4.61W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.58W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.61W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.72W	0.66W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.59W	0.7W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				2.Night light	4.62W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.6W	0.66W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.68W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.71W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.65W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				3. 100%	4.61W	0.63W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.64W	0.68W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.58W	0.69W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.69W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.63W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
				4.No function	4.61W	0.66W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.65W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.69W	0.71W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.69W	0.67W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%	4.65W	0.65W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 15%-100%
			1.Progressive switch-off	4.58W	0.95W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%	4.55W	0.95W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%	4.51W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.57W	0.95W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 22%-100%	4.54W	0.99W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	



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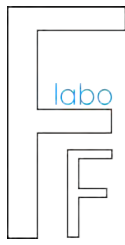
Project ID:

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No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5			
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	
			Load tracking(CFL+LED) (Green)	2.Night light	4.55W	0.99W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.54W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.57W	0.97W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.66W	1.01W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.56W	0.97W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	
				3. 100%	4.56W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.55W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.58W	0.97W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.65W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.55W	0.97W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	
				4.No function	4.51W	0.97W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.51W	0.99W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.52W	0.96W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.6W	0.98W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	4.53W	0.96W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 23%-100%	
			Factory reset (White)	1.Progressive switch-off	4.5W	0.33W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.56W	0.36W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.48W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.6W	0.36W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.55W	0.36W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	
				2.Night light	4.53W	0.37W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.57W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.49W	0.36W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.65W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.55W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	
				3. 100%	4.55W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.48W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.52W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.62W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.62W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	
				4.No function	4.57W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.53W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.55W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.59W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.57W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	
			2	hager	EVN011			4.55W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.56W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.56W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.65W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.56W
3	elako	EUD12NP	AUTO					Imcompatibility										Imcompatibility		
			EC1						Imcompatibility										Imcompatibility	
			EC2																	Imcompatibility
			LC1																	Imcompatibility



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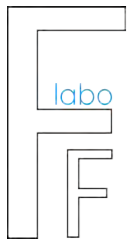
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No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
		N-UC	LC2				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
		N-UC	LC3				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
4	etako	EUD12D-UC	EUD		4.54W		Imcompatibility	4.55W		Imcompatibility	4.55W		Imcompatibility	4.59W		Imcompatibility	4.56W		Imcompatibility
			RTD				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			ESV		4.53W		Can be turn on/off,but non-dimmable.	4.55W		Can be turn on/off,but non-dimmable.	4.56W		Can be turn on/off,but non-dimmable.	4.54W		Can be turn on/off,but non-dimmable.	4.55W		Can be turn on/off,but non-dimmable.
			TLZ		4.55W		Can be turn on/off,but non-dimmable.	4.51W		Can be turn on/off,but non-dimmable.	4.55W		Can be turn on/off,but non-dimmable.	4.58W		Can be turn on/off,but non-dimmable.	4.58W		Can be turn on/off,but non-dimmable.
			MIN		4.61W		Can be turn on/off,but non-dimmable.	4.56W		Can be turn on/off,but non-dimmable.	4.58W		Can be turn on/off,but non-dimmable.	4.55W		Can be turn on/off,but non-dimmable.	4.59W		Can be turn on/off,but non-dimmable.
			MMX		4.6W		Can be turn on/off,but non-dimmable.	4.61W		Can be turn on/off,but non-dimmable.	4.58W		Can be turn on/off,but non-dimmable.	4.6W		Can be turn on/off,but non-dimmable.	4.56W		Can be turn on/off,but non-dimmable.
			TI				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			ER				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			ON		4.55W		Funciton is available	11.75W		Funciton is available	11.75W		Funciton is available	11.75W		Funciton is available	11.75W		Funciton is available
			OFF				Funciton is available			Funciton is available			Funciton is available			Funciton is available			Funciton is available
			1		4.38W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.3W	0.29W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.32W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.3W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.32W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			2		4.26W	0.31W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%	4.24W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%	4.2W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%	4.32W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%	4.29W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%



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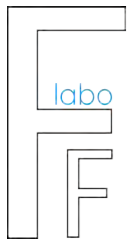
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					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
5	schneider	CCTDD20016	3 Prog		3.3W	0.32W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-77%	3.28W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-77%	3.28W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-77%	3.32W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-77%	3.3W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-77%
			4 LED2		4.29W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-99%	4.21W	0.32W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-98%	4.25W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-98%	4.28W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%	4.3W	0.31W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-99%
			5 Prog			Imcompatibility		Imcompatibility		Imcompatibility		Imcompatibility		Imcompatibility		Imcompatibility			
			6 Strd		4.3W	0.4W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%-100%	4.3W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%-100%	4.27W	0.38W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%-100%	4.41W	0.4W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%-100%	4.35W	0.4W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 9%-100%
			7 ON		4.34W		Can be turn on,but non-dimmable.	4.32W		Can be turn on,but non-dimmable.	4.29W		Can be turn on,but non-dimmable.	4.46W		Can be turn on,but non-dimmable.	4.4W		Can be turn on,but non-dimmable.
			White	Green	4.45W	0.43W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.42W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.44W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.55W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.51W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%
				Orange	4.77W		Can be turn on/off,but non-dimmable.	4.75W		Can be turn on/off,but non-dimmable.	4.75W		Can be turn on/off,but non-dimmable.	4.77W		Can be turn on/off,but non-dimmable.	4.75W		Can be turn on/off,but non-dimmable.
			White	White	4.43W	0.43W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.39W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.4W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.44W	0.44W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.46W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

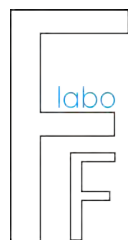
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5				
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V				
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description		
6	Legrandoc	002671		Blue	4.76W		Can be turn on/off,but non-dimmable.	4.7W		Can be turn on/off,but non-dimmable.	4.69W		Can be turn on/off,but non-dimmable.	4.79W		Can be turn on/off,but non-dimmable.	4.74W		Can be turn on/off,but non-dimmable.		
				Red	4.43W	0.88W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 100%-20%,just dimmed from Max to Min position.	4.49W	0.93W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 100%-20%,just dimmed from Max to Min position.	4.44W	0.85W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 100%-20%,just dimmed from Max to Min position.	4.48W	0.87W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 100%-20%,just dimmed from Max to Min position.	4.49W	0.9W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 100%-20%,just dimmed from Max to Min position.		
				Red																	
				Green																	
				Orange																	
7	NIKO	310-00700		1	4.46W	0.2W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.57W	0.19W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.53W	0.19W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.68W	0.2W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.5W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%		
				2			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility		
				CFLI1	4.32W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.48W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.53W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%		
				CFLI2	4.48W	0.47W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.54W	0.44W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.5W	0.47W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.57W	0.47W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.49W	0.47W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%		
				LED1	4.53W	0.15W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.56W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.54W	0.17W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.55W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.5W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%		



Dimmer compatibility test

Project Name: New version lopal 4.3W

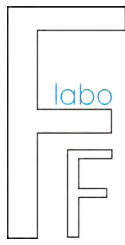
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			LED2		4.61W	0.29W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.66W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.58W	0.29W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.63W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.59W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
			LED3		4.57W	0.15W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.55W	0.1W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%	4.58W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%	4.55W	0.12W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%	4.53W	0.1W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 2%-100%
			LED4		4.64W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.69W	0.31W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.7W	0.33W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.72W	0.33W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.65W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
8	NIKO	310-04900			4.31W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.32W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.39W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.45W	0.29W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.42W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
9	NIKO	310-02800			4.49W	0.13W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.55W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.52W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.56W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.49W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%
			DEFAULT 1		4.38W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.39W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.38W	0.43W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.52W	0.46W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.48W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%
			HALO LED2				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility
			Transformer LED3				Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility			Imcompatibility



Dimmer compatibility test

Project Name: New version lopal 4.3W

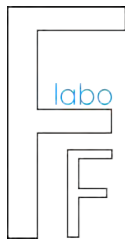
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
10	NIKO	310-02900	LED4		3.15W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.19W	0.17W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.14W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.18W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.	3.15W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-73%.The range of dimming is limited.
			Transformer LED5		4.36W	0.23W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.43W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.3W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.46W	0.2W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.43W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			LED6		4.41W	0.35W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.41W	0.32W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.4W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.37W	0.34W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%	4.39W	0.32W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 8%-100%
			LED7		4.42W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.37W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.4W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.43W	0.2W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 4%-100%	4.43W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			LED8				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			LED1		4.53W	0.2W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.47W	0.22W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.54W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.57W	0.25W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.56W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LED2				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			LED3 *		4.41W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.41W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.25W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.43W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.41W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

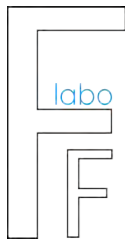
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
11	NIKO	310-01900	LED4*	/	4.5W	0.44W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.44W	0.42W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.48W	0.42W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.52W	0.42W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%	4.52W	0.45W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 10%-100%
			LED5		4.51W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.45W	0.09W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.51W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.5W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.53W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED6		4.66W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.66W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.64W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.61W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.57W	0.06W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED7*		4.53W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.51W	0.05W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.53W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.48W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.55W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
			LED8*		4.64W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.58W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.61W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.63W	0.07W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%	4.63W	0.08W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 1%-100%
12	bticino	N441IN	Preset levels mode	/	4.38W	0.77W	Non-dimmable	4.35W	0.79W	Non-dimmable	4.33W	0.74W	Non-dimmable	4.46W	0.78W	Non-dimmable	4.37W	0.78W	Non-dimmable
			Preset levels mode+night mode		4.35W	0.78W	Non-dimmable	4.37W	0.77W	Non-dimmable	4.35W	0.77W	Non-dimmable	4.41W	0.78W	Non-dimmable	4.38W	0.79W	Non-dimmable
			Dimming mode		4.32W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.34W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.33W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.35W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.41W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

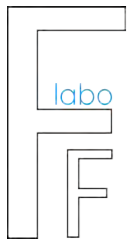
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
13	bicino	N4408N					Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
14	NIKO	310-03900	LED1		4.38W	0.53W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.37W	0.55W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.42W	0.55W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.49W	0.53W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.39W	0.55W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%
			HALO LED2				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			Transformer LED3*				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			LED4				Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
			Transformer LED5		4.37W	0.23W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.41W	0.24W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.37W	0.19W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.36W	0.22W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.33W	0.22W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			LED6		4.37W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.37W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.35W	0.32W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.41W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%	4.36W	0.3W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 7%-100%
			LED7*		4.35W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.3W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.36W	0.22W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.35W	0.22W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.38W	0.21W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%
			LED8*		4.29W	0.23W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.37W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.35W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.37W	0.25W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%	4.35W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 5%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

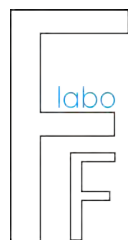
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
15	eltako	EUD61NPL-230V	P-AB		4.54W	0.47W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.47W	0.48W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.49W	0.49W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%	4.58W	0.51W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 12%-100%	4.55W	0.48W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 11%-100%
			P-AN		4.52W	0.61W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.52W	0.61W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.51W	0.63W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.61W	0.63W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.	4.51W	0.62W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 14%-100%.
16	eltako	EUD61NP-230V					Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable			Non-dimmable
17	eltako	EUD61N	AUTO		4.56W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.63W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.55W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.65W	0.15W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.61W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%
			LC1		4.45W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.39W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.43W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LC2		4.47W	0.25W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.4W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.41W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.43W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

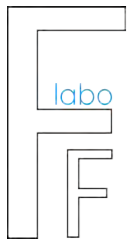
Project ID:

Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
17	ako	PN-230V	LC3		4.44W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.42W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.42W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			EC1		4.55W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.57W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.61W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.63W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.61W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
			EC2		4.55W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.53W	0.26W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.58W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.58W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.63W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
18	etako	EUD61NPN-UC	AUTO		4.58W	0.14W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.61W	0.18W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.63W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.65W	0.16W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%	4.61W	0.15W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 3%-100%
			LC1		4.51W	0.29W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.53W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.48W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.51W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LC2		4.46W	0.26W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.43W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.48W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.53W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.45W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%
			LC3		4.43W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.48W	0.27W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.46W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.51W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%	4.53W	0.28W	Stable dimming performance and there is invisible flicker during dimming;The light can be dimmed from 6%-100%



Dimmer compatibility test

Project Name: New version lopal 4.3W

Project ID:

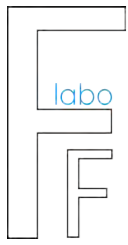
Product/Part number:

Date: Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
			EC1		4.57W	0.25W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.55W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.58W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.66W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.53W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.
			EC2		4.56W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.61W	0.26W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.63W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.63W	0.28W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.	4.58W	0.27W	Slow response of dimming performance and there is invisible flicker during dimming;The light can be dimmed to 6% -100%.

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



Dimmer compatibility test

Project Name:New version lopal 4.3W

Project ID:

Product/Part number:

Date:Sep-16th-2022

Comment/Result: PASS

No.	Brand	Item No.	Mode①	Mode②	New version-NO.1			New version-NO.2			New version-NO.3			New version-NO.4			New version-NO.5		
					4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V			4.3W/230V		
					Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description	Max	Min	Description
					