










LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09	Dimmer 431861 T26.09
							***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
Philips	Master LEDbulb (762447xx) 	6W	6,3W 9,6VA PF=0,62	40W 470lm	26.02.2014	1	G2 6,6/9,1/10,8	G2 6,6/9,1/10,8
						2	G2 12,4/18,6/25,7	G2 12,4/18,6/25,7
						3	G3 18,3/28,7/42,1	G3 18,3/28,7/42,1
						4	G3 24,6/38,5/44,4	G3 24,6/38,5/44,4
						5	G3 30,6/48,8/61,8	G3 30,6/48,8/61,8
	LED 40W Warmglow E14 WW 230V P48 CL D/4 	6W	6,7W 6,7VA PF=0,88	40W 470lm	10.05.2015	1	O1/G3 6,1/7,4/8,2	O1/G3 6,1/7,4/8,2
						2	O1/G3 11,6/15,1/16,8	O1/G3 11,6/15,1/16,8
						3	O1/G3 17,1/22,9/25,5	O1/G3 17,1/22,9/25,5
						4	O1/G3 22,4/30,6/33,3	O1/G3 22,4/30,6/33,3
	LED 40W E27 WW 230V A60M FR D/4 	6W	6,2W 6,8VA PF=0,83	40W 470lm	10.05.2015	1	O1/G3 5,9/8,8/10,6	O1/G3 5,9/8,8/10,6
						2	O1/G3 11,5/17,9/21,4*	O1/G3 11,5/17,9/21,4*
						3	O1/G3 16,9/27,2/32,2*	O1/G3 16,9/27,2/32,2*
						4	O1/G3 22,1/37,5/43,3*	O1/G3 22,1/37,5/43,3*
	LED Warmglow 40W E27 WW 230V A60 CL D/4 	6W	6,8W 8,3VA PF=0,84	40W 470lm	10.05.2015	1	O1/G3 6,9/9,3/11,4	O1/G3 6,9/9,3/11,4
						2	O1/G3 12,7/19,1/23,6	O1/G3 12,7/19,1/23,6
						3	O1/G3 18,8/29,1/35,3	O1/G3 18,8/29,1/35,3
						4	O1/G3 25,1/39,4/47,9	O1/G3 25,1/39,4/47,9
	Master LED Bulb MV (193487xx) 	8W	8,5W 12,4VA PF=0,69	40W 470lm		1	G3 8,2/17,8/20,4	G3 8,2/17,8/20,4
						2	G3 16,9/34,3/39,1	G3 16,9/34,3/39,1
						3	G3 25,4/47,2/59,2	G3 25,4/47,2/59,2
4						G3 33,7/58,3/82,2	G3 33,7/58,3/82,2	
5						-	-	
6						-	-	
LED Warmglow 60W E27 WW 230V A60 CL D/4 	9W	10,7W 11,8VA PF=0,90	60W 806lm	10.05.2015	1	O1/G3 9,8/11,3/12,1	O1/G3 9,8/11,3/12,1	
					2	O1/G3 19,2/23,4/24,9	O1/G3 19,2/23,4/24,9	
					3	O1/G3 29,2/36,1/38,5	O1/G3 29,2/36,1/38,5	
					4	-	-	
CorePro LEDbulb (747413xx) 	9,5W	11,2W 12,3VA PF=0,86	60W 806lm	19.02.2015	1	G3 10,5/13,9/15,5	G3 10,5/13,9/15,5	
					2	G3 20,5/27,7/30,5	G3 20,5/27,7/30,5	
					3	G3 29,8/40,6/46	G3 29,8/40,6/46	
					4	-	-	
					5	-	48,7/67,2/75,4	











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R1	Strong flickering during dimming process
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*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
	LED 60W E27 WW 230V A60M FR D/4 	9,5W	11,4W 12,9VA PF=0,83	60W 806lm	05.10.2015	1	O1 10,8/14,8/18,1	O1 10,8/14,8/18,1
	2					O1 21,3/30,7/36,6	O1 21,3/30,7/36,6	
	3					O1 32,2/45,1/54,3	O1 32,2/45,1/54,3	
	4					-	-	
	LED 75W E27 WW 230V A60M FR D/4 	11,5W	14,1W 15,9VA PF=0,86	75W 1055lm	05.10.2015	1	G3/G1 12,5/17,3/20,9	G3/G1 12,5/17,3/20,9
	2					O1/G3 24,4/35,5/42,1	O1/G3 24,4/35,5/42,1	
	3					-	-	
	4					-	-	
	Master LED Bulb MV Dimable (934489xx) 	12W	12,8W 15,3VA PF=0,84	60W 806lm	not available any more	1	G0 10,4/15,3/15,4	G0 10,4/15,3/15,4
	2					G2 21/31,2/31,6	G2 21/31,2/31,6	
	3					G2 32,2/47,2/47,4	G2 32,2/47,2/47,4	
	4					G2 44,5/63,8/64	G2 44,5/63,8/64	
	Master LEDbulb (672005xx) 	12W	11,3W 11,7VA PF=0,92	60W 806lm		1	G1 12,1/21,3/24,1	G1 12,1/21,3/24,1
	2					G1 23,5/42,3/47,1	G1 23,5/42,3/47,1	
	3					G1 35,1/63,6/70,7	G1 35,1/63,6/70,7	
	4					G1 46,6/84,4/92,5	G1 46,6/84,4/92,5	
Master LEDbulb MV (758525xx) 	13W	13,9W 14,9VA PF=0,9	75W 1055lm	19.02.2015	1	G0 14,8/24/29,2	G0 14,8/24/29,2	
2					G0 29,6/49,3/58,6	G0 29,6/49,3/58,6		
3					G0 44,2/72,1/83,8	G0 44,2/72,1/83,8		
4					G1 58,2/95,5/109,8	G1 58,2/95,5/109,8		
LED 100W E27 WW 230V A67 FR D/4 	16W	20,4W 22,1VA PF=0,90	100W 1521lm	05.10.2015	1	G2/G1 18,2/22,7/25,1	G2/G1 18,2/22,7/25,1	
2					G2/G1 35,6/45,6/49,1	G2/G1 35,6/45,6/49,1		
3					-	-		
4					-	-		
Master LED Bulb MV Dimmable (193463xx) 	17W	16,8W 21,7VA PF=0,75	75W 1055lm	not available any more	1	G0 16,7/25,3/29,3	G0 16,7/25,3/29,3	
2					G0 33,7/48/54,9	G0 33,7/48/54,9		
3					G0 50/72,5/87,8	G0 50/72,5/87,8		
4					G0 67,5/96/123,1	G0 67,5/96/123,1		
5					-	-		
LED 40W E14 WW 230V R50 36D DIM/4 	4,5W	5,2W 6,4VA PF=0,81	40W 255lm	05.10.2015	1	G2 4,8/6,5/7,4	G2 4,8/6,5/7,4	
2					G2 8,9/13/15,2	G2 8,9/13/15,2		
3					G2 13,2/19,6/22,7	G2 13,2/19,6/22,7		











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*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
						4	G2 17,6/26,2/30,4	G2 17,6/26,2/30,4
	LED 60W E27 WW 230V R63 36D DIM/4 	5,7W	6,1W 7,3VA PF=0,75	60W 345lm	05.10.2015	1	G2 5,6/10,9/14,9	G2 5,6/10,9/14,9
						2	G2 10,9/23,1/32,1	G2 10,9/23,1/32,1
						3	G2 16,9/36,5/47,2	G2 16,9/36,5/47,2
						4	G2 27,1/49,8/63,4	G2 27,1/49,8/63,4
	Master LEDspot PAR 20 MV Dimmable (933987xx) 	7W	6,5W 8,8VA PF=0,69	50W	not available any more	1	G0 7,2/12,1/17,6	G0 7,2/12,1/17,6
						2	G0 13,3/19,2/35,2	G0 13,3/19,2/35,2
						3	G1 22,2/47,7/53,5	G1 22,2/47,7/53,5
						4	G1 28,4/63,7/72,4	G1 28,4/63,7/72,4
	(Novallure) LED Candle MV Dimmable (934564xx) 	3W	3,4W 4,8VA PF=0,61	15W 136lm	not available any more	1	G1 4,1/13,5/17,7	G1 4,1/13,5/17,7
						2	G2 7,5/27,5/30,7	G2 7,5/27,5/30,7
						3	G2 10,9/36,7/37,7	G2 10,9/36,7/37,7
						4	G3 14,8/48,4/67,4	G3 14,8/48,4/67,4
	Master LED Candle (743194xx) 	3,4W	4,2W 3,7VA PF=0,84	25W 250lm	26.02.2014	1	G1 3,8/4,9/5,9	G1 3,8/4,9/5,9
						2	G2 6,8/10,1/12,2	G2 6,8/10,1/12,2
						3	G2 9,8/14,9/18,2	G2 9,8/14,9/18,2
						4	G2 13,1/20,1/23,9	G2 13,1/20,1/23,9
						5	G2 16,5/25,1/30,3	G2 16,5/25,1/30,3
	Master LEDcandle MV Dimmable (193708xx) 	4W	3,8W 5,2VA PF=0,65	25W 250lm	not available any more	1	R3 4,5/8,6/14,3	R3 4,5/8,6/14,3
						2	G0 8,1/12,8/25,5	G0 8,1/12,8/25,5
						3	G3 11,6/17,8/37,3	G3 11,6/17,8/37,3
						4	G3 15,4/23,6/41,3	G3 15,4/23,6/41,3
						5	G2 19/29,3/46,2	G2 19/29,3/46,2
						6	G3 22,7/34,1/61,2	G3 22,7/34,1/61,2
						7	G3 26,3/40,2/71,2	G3 26,3/40,2/71,2
						8	G3 29,7/44,8/81,1	G3 29,7/44,8/81,1
						9	G3 33,3/51,1/90,5	G3 33,3/51,1/90,5
	LED Warmglow 25W WW B38 CL D4 	4W	4,2W 4,5VA PF=0,85	25W 250lm	05.10.2015	1	O1 4,2/5,2/6	O1 4,2/5,2/6
						2	O1/G2 7,9/10,5/12,4	O1/G2 7,9/10,5/12,4
						3	O1/G2 11,5/16,6/19,5	O1/G2 11,5/16,6/19,5
						4	O1/G2 15,2/21,9/25,4	O1/G2 15,2/21,9/25,4
	LED Warmglow 25W WW BA38 CL D4 					1	O1 4,2/5,2/6	O1 4,2/5,2/6









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*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	
							O1/G2 7,9/10,5/12,4	O1/G2 7,9/10,5/12,4	
		4W	4,1W 4,3VA PF=0,85	25W 250lm	05.10.2015	2	O1/G2 7,9/10,5/12,4	O1/G2 7,9/10,5/12,4	
	LED Warmglow 40W WW B38 CL D4					3	O1/G2 11,5/16,6/19,5	O1/G2 11,5/16,6/19,5	
						4	O1/G2 15,2/21,9/25,4	O1/G2 15,2/21,9/25,4	
		6W	6,4W 6,8VA PF=0,88	40W 470lm	05.10.2015	1	G3/G1 6,1/7,2/8,1	G3/G1 6,1/7,2/8,1	
						2	O1/G3 11,2/14,7/16,3	O1/G3 11,2/14,7/16,3	
						3	O1/G3 16,7/22,2/24,7	O1/G3 16,7/22,2/24,7	
						4	O1/G3 22,5/29,9/32,9	O1/G3 22,5/29,9/32,9	
	Master LED Candle (741824xx)		6,2W	6,9W 6,7VA PF=0,92	40W 470lm	26.02.2014	1	G0 6,7/7,5/8,2	G0 6,7/7,5/8,2
						2	G0 12,9/15,6/16,8	G0 12,9/15,6/16,8	
						3	G0 19,1/23,7/25,1	G0 19,1/23,7/25,1	
					4	G0 25,2/31,6/33,8	G0 25,2/31,6/33,8		
					5	G0 31,3/39,7/42,3	G0 31,3/39,7/42,3		
Master LEDspot MV Dimmable (192343xx)		4W	3,5W 5,1VA PF=0,65	35W		1	G3 4,8/7/14,4	G3 4,8/7/14,4	
					2	G3 8,3/12,1/25,4	G3 8,3/12,1/25,4		
					3	G3 11,8/18,1/36,8	G3 11,8/18,1/36,8		
					4	G3 15,4/25,3/47,3	G3 15,4/25,3/47,3		
					5	G3 20/45,1/59,7	G3 20/45,1/59,7		
Master LEDspot MV Dimmable NEU (697046xx)		4W	4,3W 6,4VA PF=0,66	35W 235lm		1	G3 4,7/6,7/13,1	G3 4,7/6,7/13,1	
					2	G3 8,8/13/21,1	G3 8,8/13/21,1		
					3	G3 12,9/19,6/36,8	G3 12,9/19,6/36,8		
					4	G3 17,6/40,3/48,5	G3 17,6/40,3/48,5		
					5	G3 22,2/52,2/59,5	G3 22,2/52,2/59,5		
					6	G3 26,4/61/73,5	G3 26,4/61/73,5		
					7	G3 30,4/69,2/84,7	G3 30,4/69,2/84,7		
					8	G3 34,2/74,1/96,1	G3 34,2/74,1/96,1		
					9	G3 38,1/75,7/107,9	G3 38,1/75,7/107,9		
					10	-	-		
LED 35W GU10 WW 230V 36D Silver DIM/4		4W	4,3W 4,3VA PF=0,85	35W 250lm	05.10.2015	1	O1/G2 3,9/5,6/6,6	O1/G2 3,9/5,6/6,6	
					2	O1/G2 7,8/11,3/13,8	O1/G2 7,8/11,3/13,8		
					3	O1/G2 11,5/17,3/20,8	O1/G2 11,5/17,3/20,8		
					4	G3/G2 15,2/22,8/27,4	G3/G2 15,2/22,8/27,4		
LED 35W GU10 WW 230V 36D DIM/4						1	O1/G3 4,4/5,9/7,1	O1/G3 4,4/5,9/7,1	












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LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
							O1/G3	O1/G3
		4W	4,3W 4,3VA PF=0,85	35W 280lm	05.10.2015	2	O1/G3 8,6/12,1/14,3	O1/G3 8,6/12,1/14,3
						3	O1/G3 12,3/18,3/21,7	O1/G3 12,3/18,3/21,7
						4	O1/G3 16,2/24,4/28,6	O1/G3 16,2/24,4/28,6
	LED 50W GU10 CW 230V 36D Silver DIM/4 	5,5W	6,1W 6,2VA PF=0,88	50W 370lm	05.10.2015	1	G0 5,8/6,7/7,5	G0 5,8/6,7/7,5
						2	G0 11,2/14,1/15,8	G0 11,2/14,1/15,8
						3	O1 16,4/21,3/24,1	O1 16,4/21,3/24,1
						4	O1 21,6/28,5/32,1	O1 21,6/28,5/32,1
	LED 50W GU10 WW 230V 36D Silver DIM/4 	5,5W	6,1W 6,3VA PF=0,88	50W 350lm	05.10.2015	1	G0 5,8/6,7/7,5	G0 5,8/6,7/7,5
						2	G0 11,2/14,1/15,8	G0 11,2/14,1/15,8
						3	O1 16,4/21,3/24,1	O1 16,4/21,3/24,1
						4	O1 21,6/28,5/32,1	O1 21,6/28,5/32,1
	Master LEDspot GU10 MV Dimmable (210757xx) 	6W	6,5W 8,6VA PF=0,69	50W		1	G3/G1 7/10,9/17,3	G3/G1 7/10,9/17,3
						2	G3/G1 13,1/19,8/33,6	G3/G1 13,1/19,8/33,6
						3	G3/G1 20,1/27,6/49,1	G3/G1 20,1/27,6/49,1
						4	G3/G1 29,9/35,8/54,8	G3/G1 29,9/35,8/54,8
					5	-	-	
Master LEDspot GU10 MV Dimmable (860412xx) 	7W	7,2W / 9,7VA PF=0,7	50W		1	G0 6,5/11,8/14,7	G0 6,5/11,8/14,7	
Master LEDspot MV DimTone (155072xx) 	7W	7,1W / 9,3VA PF=0,69	50W		1	G1 7/11,2/14,5	G1 7/11,2/14,5	
Master LEDspot GU10 MV Dimmable (193647xx) 	8W	7,7W 7,9VA PF=0,91	50W 450lm		1	G1 9/17,7/18,9	G1 9/17,7/18,9	
					2	G1 17,2/34,3/35,2	G1 17,2/34,3/35,2	
					3	G1 25,4/51,4/55,5	G1 25,4/51,4/55,5	
Osram	Parathom Classic A40 Advanced 	6W	6,4W 6,3VA PF=0,91	40W 470lm		1	G3 8,6/13,6/15,2	G3 8,6/13,6/15,2
					2	G3 16,6/27,3/28,7	G3 16,6/27,3/28,7	
					3	G3 24,6/39,1/39,2	G3 24,6/39,1/39,2	
					4	G3 32,2/54,7/61	G3 32,2/54,7/61	
					5	G1 40,8/69,1/76,3	G1 40,8/69,1/76,3	
	Parathom Classic A60 Advanced 	10W	10,2W 10,1VA PF=0,96	60W 806lm		1	G2 12,2/16,5/18,2	G2 12,2/16,5/18,2
					2	G2 24/33,5/34,2	G2 24/33,5/34,2	
					3	G0 35,5/50/54,4	G0 35,5/50/54,4	
					4	G0 47,2/66,7/73,4	G0 47,2/66,7/73,4	
					5	G0 58,5/83,4/91,5	G0 58,5/83,4/91,5	
	Parathom Classic A60 Advanced					1	G1 12,5/17/18,6	G1 12,5/17/18,6











LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	
							G1 24,6/34,3/35,3	G1 24,6/34,3/35,3	
		10W	10,6W 10,4VA PF=0,96	60W 810lm		2	G1 24,6/34,3/35,3	G1 24,6/34,3/35,3	
						3	G1 36,1/50,7/56	G1 36,1/50,7/56	
						4	G1 48,5/64,8/74,3*	G1 48,5/64,8/74,3*	
	Parathom Classic A40 Advanced		7,5W	8,2W 8,9VA PF=0,92	40W 470lm		1	G0 7,9/10,5/13,3*	G0 7,9/10,5/13,3*
							2	G0 15,7/20,7/26,2*	G0 15,7/20,7/26,2*
							3	G0 24,2/31,8/35,3*	G0 24,2/31,8/35,3*
							4	G0 31,4/41,1/52,8*	G0 31,4/41,1/52,8*
							5	G0 39,9/51,7/66,1*	G0 39,9/51,7/66,1*
	Parathom Classic A60 Advanced		12W	12,2W 12,1VA PF=0,96	60W 810lm		1	G1 10,4/13/14,8*	G1 10,4/13/14,8*
							2	G1 20,3/25,6/29*	G1 20,3/25,6/29*
							3	G1 31,5/39,3/45,1*	G1 31,5/39,3/45,1*
							4	G1 42,6/52,4/59,5*	G1 42,6/52,4/59,5*
							5	G1 53,4/65,4/74,1*	G1 53,4/65,4/74,1*
	PARATHOM CLASSIC A 60 ADV E27 FR (Prod.-Code: 4052899911208)		10W	10,1W 9,7VA PF=0,97	60W 806lm	26.02.2014	1	G2 11,9/15,2/15,5	G2 11,9/15,2/15,5
							2	G2 23,2/31,1/31,4	G2 23,2/31,1/31,4
3							G3 33,9/47,3/48	G3 33,9/47,3/48	
4							G3 44,6/62,7/64,1	G3 44,6/62,7/64,1	
5							G3 55,3/78,4/80,3	G3 55,3/78,4/80,3	
PARATHOM CLASSIC P25 (Prod.-Code: 4052899911468)		4W	4,1W 4,1VA PF=0,89	25W 250lm	26.02.2014	1	G2 4,5/8,2/11,1	G2 4,5/8,2/11,1	
						2	G2 7,6/19/21,2	G2 7,6/19/21,2	
						3	G2 13,4/34,7/38,6	G2 13,4/34,7/38,6	
						4	G2 16,9/44,6/49,1	G2 16,9/44,6/49,1	
						5	G2 21,1/55,3/62,6	G2 21,1/55,3/62,6	
PARATHOM CLASSIC A40 (Prod.-Code: 4052899924444)		6W	5,9W 5,5VA PF=0,94	40W 470lm	26.02.2014	1	G3 7,4/11,4/13,1	G3 7,4/11,4/13,1	
						2	G3 14,3/23,7/26,3	G3 14,3/23,7/26,3	
						3	G3 21,1/35,8/39,4	G3 21,1/35,8/39,4	
						4	G3 28,3/47,9/52,8	G3 28,3/47,9/52,8	
						5	G3 35,1/60,1/66,1	G3 35,1/60,1/66,1	
Parathom Classic B25 Advanced		4,5W	4,6W / 8,1VA PF=0,52	25W 250lm		1	G5 5,3/9,4/12,5	G5 5,3/9,4/12,5	
PARATHOM CLASSIC B 25 ADV E14 (Prod.-Code: 4008321994035)		6W	6W 6,9VA PF=0,88	40W 470lm	26.02.2014	1	G0 6,9/9,1/10,5	G0 6,9/9,1/10,5	
						2	G0 13,1/17,5/19,3	G0 13,1/17,5/19,3	
						3	G0 19,3/26,2/29,2	G0 19,3/26,2/29,2	











LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer		
							552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	
		4W	4W 3,9VA PF=0,88	25W 250lm	26.02.2014	4	G0 25,9/35,5/39,6	G0 25,9/35,5/39,6	
						5	G0 32,1/44,7/49,5	G0 32,1/44,7/49,5	
	PARATHOM CLASSIC B 25 ADV E14 (Prod.-Code: 4008321979230)		4W	4W 3,9VA PF=0,88	25W 250lm	26.02.2014	1	G0 4,5/8,3/9,9	G0 4,5/8,3/9,9
							2	G0 8,2/19/20,8	G0 8,2/19/20,8
							3	G3 12,2/28,4/42,1	G3 12,2/28,4/42,1
							4	G3 15,9/37,9/59,7	G3 15,9/37,9/59,7
							5	G3 20,5/54,4/62,2	G3 20,5/54,4/62,2
	Parathom PAR16 35 Advanced GU10		5W	4,7W 5,2VA PF=0,79	35W 220lm		1	G3 5,6/9,5/11,9	G3 5,6/9,5/11,9
							2	G3 10,5/18,4/25,1	G3 10,5/18,4/25,1
							3	G3 14,9/25,2/36,2	G3 14,9/25,2/36,2
4							G3 19,4/32/49,6	G3 19,4/32/49,6	
5							G3 24/37,7/62,6	G3 24/37,7/62,6	
Osram Professionalra nge	PARATHOM PAR 16 35 36° ADV GU10 (Prod.-Code: 4008321881960)	3,6W	3,7W 3,6VA PF=0,86	35W 230lm	26.02.2014	1	G1 4,6/8,1/9,9	G1 4,6/8,1/9,9	
						2	G0 9,1/16,1/19,4	G0 9,1/16,1/19,4	
						3	G0 13,1/24,4/29,8	G0 13,1/24,4/29,8	
						4	G3 17,7/33,4/40,3	G3 17,7/33,4/40,3	
						5	G3 21,2/40,5/49,	G3 21,2/40,5/49,	
	PARATHOM PAR 16 50 36° ADV GU10 (Prod.-Code: 4008321882097)		5,3W	5,5W 5,5VA PF=0,9	50W 350lm	26.02.2014	1	G3 6,9/9,7/11,6	G3 6,9/9,7/11,6
							2	G3 12,7/19,8/23,8	G3 12,7/19,8/23,8
							3	G3 19,1/30,3/36,5	G3 19,1/30,3/36,5
							4	G3 25,1/40,4/48,9	G3 25,1/40,4/48,9
							5	G3 30,7/50,5/60,8	G3 30,7/50,5/60,8
Megaman	LG1708dv2-E27-2800K 	8W	8,7W 12,6VA PF=0,67	40W 470lm		1	G3 9,1/17,4/22,3	G3 9,1/17,4/22,3	
						2	G3 17,6/26,6/43,7	G3 17,6/26,6/43,7	
						3	G1 28,4/62,4/73,2	G1 28,4/62,4/73,2	
						4	G1 37,1/81,9/98,2	G1 37,1/81,9/98,2	
						5	-	-	
	LED Filament Lamp Birne		5,5W	5,1W / 7VA PF=0,68	40W 470lm	21.07.2015	1	O1 5,6/13,6/17,2	O1 5,6/13,6/17,2
LED Filament Lamp Kerze		3,2W	2,8W / 3,6VA PF=0,67	22W 220lm	21.07.2015	1	O1 3,5/5/9,8	O1 3,5/5/9,8	
LED Reflector PAR16 (MM42022)		8W	7,7W / 11VA PF=0,7	50W 900cd		1	G1 8,3/13,7/20,5	G1 8,3/13,7/20,5	
GE	GE LED A60 Dimmable 8W		7,7W 9,6VA			1	G0 8,6/12,5/13,3	G0 8,6/12,5/13,3	
						2	G0 16,5/24,1/27,1*	G0 16,5/24,1/27,1*	










LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
		8W	PF=0,8	50W 470lm		3	G0 24,5/35,4/40,6	G0 24,5/35,4/40,6
						4	G1 32,5/46,3/55,6	G1 32,5/46,3/55,6
						5	G1 39,9/56,7/70,1	G1 39,9/56,7/70,1
						1	G0 7,5/11,7/14,7	G0 7,5/11,7/14,7
						2	G3 14,1/22,3/30,1	G3 14,1/22,3/30,1
		6,5W	6,5W 7,7VA PF=0,84	50W 380lm		3	G0 20/30,3/46,7	G0 20/30,3/46,7
						4	G0 26,1/28,7/61,9	G0 26,1/28,7/61,9
						5	G0 32,5/47,8/73,2	G0 32,5/47,8/73,2
						1	R3 6,1/7,8/12,9	R3 6,1/7,8/12,9
						2	R3 11,4/12,7/54,7	R3 11,4/12,7/54,7
iiox	Xeno 5,5W 	5,5W	5,6W 5,5VA PF=0,93	45W 485lm		3	R3 16,8/19,8/80,2	R3 16,8/19,8/80,2
						4	R3 22,4/25,4/106,7	R3 22,4/25,4/106,7
						5	-	-
						1	R2 -	R2 -
						2	R2 -	R2 -
YPHIX	Orion 	6,5W	-	450lm	not available any more 13.03.15	1	R2 -	R2 -
						2	R2 -	R2 -
						3	R2 -	R2 -
						4	R2 -	R2 -
						5	R2 -	R2 -
	Orion 	9,5W	10,1W 10,7VA PF=0,87	770lm		1	G3 9,2/13/14,4	G3 9,2/13/14,4
						2	G0 17,9/26/28,5	G0 17,9/26/28,5
						3	G0 26,3/39/40,2	G0 26,3/39/40,2
						4	G0 35,2/51,4/57	G0 35,2/51,4/57
						5	G0 43,6/64,3/71,5	G0 43,6/64,3/71,5
	LED GU10 Sirius 	3W	3,5W 9VA PF=0,39	?		1	G2 3,3/7,1/7,1	G2 3,3/7,1/7,1
						2	G1 6,3/13,5/13,5	G1 6,3/13,5/13,5
						3	G1 8,9/19,5/19,5	G1 8,9/19,5/19,5
						4	G1 11,5/25,8/25,8	G1 11,5/25,8/25,8
						5	G1 14,2/32/32	G1 14,2/32/32
	LED GU10 Sirius SMD 	4,5W	4,8W 7,6VA PF=0,6	?		1	G2 5,5/8,8/8,9	G2 5,5/8,8/8,9
						2	G1 10,5/17,7/17,7	G1 10,5/17,7/17,7
						3	G1 15,1/25,2/25,9	G1 15,1/25,2/25,9
						4	G0 20,3/33,8/33,8	G0 20,3/33,8/33,8










LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
							G0	G0
	Avior Plus 	5W	5,1W 6,9VA PF=0,68	320lm		5	G0 25,1/40,5/40,5	G0 25,1/40,5/40,5
						1	O2 5,4/12,9/12,9	O2 5,4/12,9/12,9
						2	O2 10,2/25,9/31,2	O2 10,2/25,9/31,2
						3	O2 16,1/39,2/47,2	O2 16,1/39,2/47,2
						4	O2 21,5/51,4/64,1	O2 21,5/51,4/64,1
	Naos 	6,5W	6,7W 7,1VA PF=0,87	400lm		1	G3 7,2/12,1/16,1	G3 7,2/12,1/16,1
						2	G0 13,6/24,6/25,8	G0 13,6/24,6/25,8
						3	G0 19,7/33,3/33,3	G0 19,7/33,3/33,3
						4	G3 25,8/39,7/39,7	G3 25,8/39,7/39,7
						5	G3 34,2/61,5/61,5	G3 34,2/61,5/61,5
	Avior Plus 	8W	7,9W 11,4VA PF=0,65	550lm		1	O2 8,6/21,8/26,9	O2 8,6/21,8/26,9
						2	O1 17,5/43,7/53,3	O1 17,5/43,7/53,3
						3	O1 25,7/65,4/76,6	O1 25,7/65,4/76,6
						4	O1 34,2/86,6/107	O1 34,2/86,6/107
						5	-	-
IKEA	LEDARE LED 1309G15 E27 002.574.82 	13W	14,6W 14,7VA PF=0,95	75W 1000lm	27.02.2015	1	G1 13,3/22,8/23,2	G1 13,3/22,8/23,2
						2	G0 25,5/45,3/46,8	G0 25,5/45,3/46,8
						3	G0 40,2/67,3/69,6	G0 40,2/67,3/69,6
						4	G0 52,7/90,1/93,7	G0 52,7/90,1/93,7
						5	-	-
	LEDARE LED 1304G11 E27 102.662.21 	11W	11,7W, 21VA PF=0,54	60W 600lm		1	G1 11,2/18/18,5	G1 11,2/18/18,5
	LEDARE LED 1424G10 E27 102.662.21 	10W	9,7W 9,6VA PF=0,95	60W 600lm	27.02.2015	1	G1 11,6/14,9/18	G1 11,6/14,9/18
						2	G1 22,5/29,9/35,9	G1 22,5/29,9/35,9
						3	G1 33,9/45,2/54,1*	G1 33,9/45,2/54,1*
						4	G1 44,8/60,6/67,9*	G1 44,8/60,6/67,9*
	LEDARE LED 1307G10 E27 602.553.62 	10W	10,2W 10,9VA PF=0,94	60W 600lm	27.02.2015	1	G3 11/18,3/19	G3 11/18,3/19
						2	G3 20,6/36,8/39,1	G3 20,6/36,8/39,1
						3	G3 30,8/55,5/58,9	G3 30,8/55,5/58,9
4						G2 40,3/73,5/78,8	G2 40,3/73,5/78,8	
5						G2 51,7/86,1/92,4	G2 51,7/86,1/92,4	
LEDARE LED 1420G8K5 E27 902.871.06					1	G0 8,7/14,6/14,6	G0 8,7/14,6/14,6	










LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
							G0	G0
		8W	8,2W 8,6VA PF=0,96	60W 600lm	27.02.2015	2	G0 16,2/29,1/30,1	G0 16,2/29,1/30,1
						3	G0 24,1/43,7/46,3	G0 24,1/43,7/46,3
						4	G0 31,5/57,5/61,3	G0 31,5/57,5/61,3
						5	G0 39,2/71,5/75,7	G0 39,2/71,5/75,7
		6.3W	6,5W 16,8VA PF=0,39	40W 400lm	27.02.2015	1	G0 6,8/13,2/13,2	G0 6,8/13,2/13,2
						2	G0 13,1/26,4/29,7	G0 13,1/26,4/29,7
						3	G0 19,2/39,3/43,8	G0 19,2/39,3/43,8
						4	G0 25,4/51,8/57,7*	G0 25,4/51,8/57,7*
						5	G0 31,2/64,7/71,5*	G0 31,2/64,7/71,5*
		6.3W	6,4W 6,9VA PF=0,93	40W 400lm	27.02.2015	1	G1 7/13,3/13,4	G1 7/13,3/13,4
						2	G0 13,1/26,4/29,7	G0 13,1/26,4/29,7
						3	G0 19,2/39,3/43,8	G0 19,2/39,3/43,8
						4	G0 25,4/51,8/57,7*	G0 25,4/51,8/57,7*
						5	G0 31,2/64,7/71,5*	G0 31,2/64,7/71,5*
		16.5W	16,6W / 17,5VA PF=0,96	1000lm	27.02.2015	1	G3 17,1/26/26	G3 17,1/26/26
		6.3W	6,3W 6,6VA PF=0,95	40W 400lm	27.02.2015	1	G0 6,7/13/13	G0 6,7/13/13
						2	G0 12,9/25,3/28	G0 12,9/25,3/28
						3	G0 18,3/37,2/41,7	G0 18,3/37,2/41,7
						4	G2 24,6/50,1/56,1	G2 24,6/50,1/56,1
						5	G2 30,6/64,2/71,2	G2 30,6/64,2/71,2
ALDI SÜD (Müller Licht)		7 W	6,7W 8,1VA PF=0,83	40W 470lm	16.02.2015	1	G1 6,4/10,6/13,3	G1 6,4/10,6/13,3
						2	G1 12,3/21,2/26,3	G1 12,3/21,2/26,3
						3	G1 18,1/31,6/33,1	G1 18,1/31,6/33,1
						4	G1 23,6/39,1/39,1	G1 23,6/39,1/39,1
						5	G1 30/52,3/68	G1 30/52,3/68
						6	G0 35,7/62,6/80,9	G0 35,7/62,6/80,9
		7 W	6,7W 8,1VA PF=0,83	40W 470lm	16.02.2015	1	G1 6,4/10,6/13,3	G1 6,4/10,6/13,3
						2	G1 12,3/21,2/26,3	G1 12,3/21,2/26,3
						3	G1 18,1/31,6/33,1	G1 18,1/31,6/33,1
						4	G1 23,6/39,1/39,1	G1 23,6/39,1/39,1
						5	G1 30/52,3/68	G1 30/52,3/68
						6	G0 35,7/62,6/80,9	G0 35,7/62,6/80,9









LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
							G1 9,3/14,4/14,4	G1 9,3/14,4/14,4
	LED-LM Birne E27 810 lm matt (Energieausweisnr.:42565)	10 W	10,4W 12VA PF=0,87	61W 810lm	16.02.2015	1	G0 9,3/14,4/14,4	G0 9,3/14,4/14,4
						2	G0 18,2/28,3/32,5	G0 18,2/28,3/32,5
						3	G0 27,5/41,2/50,3	G0 27,5/41,2/50,3
						4	G0 36,4/54,8/67	G0 36,4/54,8/67
						5	G0 45,2/68,5/84	G0 45,2/68,5/84
						6	G0 54,2/81,8/100,3	G0 54,2/81,8/100,3
	LED-Reflektor E27 530 lm matt (Energieausweisnr.: 42806)	8 W	8,1W 9,38VA PF=0,86	44W 530lm	16.02.2015	1	G0 7,3/11/13,2	G0 7,3/11/13,2
						2	G0 14,2/22,2/26,6	G0 14,2/22,2/26,6
						3	G0 21,3/33/34,5	G0 21,3/33/34,5
						4	G0 28,4/43,5/54,2	G0 28,4/43,5/54,2
						5	G0 35,3/53,9/67,5	G0 35,3/53,9/67,5
						6	G0 42,4/64,7/80,8	G0 42,4/64,7/80,8
	LED-LM Kerze E14 470 lm matt (Energieausweisnr.: 42567)	5,5 W	5,4W 8,2VA PF=0,63	40W 470lm	16.02.2015	1	G0 6,2/9,7/6,3	G0 6,2/9,7/6,3
						2	G0 11,9/22,6/22,6	G0 11,9/22,6/22,6
						3	G0 17,4/34,5/36,7	G0 17,4/34,5/36,7
						4	G0 22,2/41,5/51,4	G0 22,2/41,5/51,4
						5	G0 26,9/49,3/61,1	G0 26,9/49,3/61,1
						6	G0 32,4/56/67	G0 32,4/56/67
	LED-LM Tropfenform E14 470 lm matt (Energieausweisnr.: 42567)	5,5 W	5,4W 8,2VA PF=0,63	40W 470lm	16.02.2015	1	G0 6,2/9,7/6,3	G0 6,2/9,7/6,3
						2	G0 11,9/22,6/22,6	G0 11,9/22,6/22,6
						3	G0 17,4/34,5/36,7	G0 17,4/34,5/36,7
						4	G0 22,2/41,5/51,4	G0 22,2/41,5/51,4
						5	G0 26,9/49,3/61,1	G0 26,9/49,3/61,1
						6	G0 32,4/56/67	G0 32,4/56/67
	LED-LM Tropfenform E27 470 lm matt (Energieausweisnr.: 42567)	5,5 W	5,4W 8,2VA PF=0,63	40W 470lm	16.02.2015	1	G0 6,2/9,7/6,3	G0 6,2/9,7/6,3
						2	G0 11,9/22,6/22,6	G0 11,9/22,6/22,6
						3	G0 17,4/34,5/36,7	G0 17,4/34,5/36,7
						4	G0 22,2/41,5/51,4	G0 22,2/41,5/51,4
						5	G0 26,9/49,3/61,1	G0 26,9/49,3/61,1
						6	G0 32,4/56/67	G0 32,4/56/67
	LED-Reflektor GU 10 350 lm (Energieausweisnr.: 42804)		5,2W 10VA			1	G1 6/11,2/6,3	G1 6/11,2/6,3
						2	G1 11,5/21,4/27,6	G1 11,5/21,4/27,6




















LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
							G1 16,8/33,7/39	G1 16,8/33,7/39
		5W	PF=0,52	50W 350lm	16.02.2015	3	G1 16,8/33,7/39	G1 16,8/33,7/39
						4	G1 21,8/42,1/46,4	G1 21,8/42,1/46,4
						5	G1 26,7/50,4/57,4	G1 26,7/50,4/57,4
						6	G1 32/59,4/80	G1 32/59,4/80
SEGULA	LED Glühlampe 	5,7W	5,7W / 5,8VA PF=0,89	30W 350lm	27.02.2015	1	R3 2,9/3,4/3,4	R3 2,9/3,4/3,4
	LED Glühlampe klar Filament Vintage Line 	3,5W	3,9W / 4,4VA PF=0,89	20W	21.07.2015	1	R3 1,3/1,3/1,3	R3 1,3/1,3/1,3
	LED Glühlampe matt Filament Vintage Line 	6W	6,5W / 7,4VA PF=0,89	40W 720lm	21.07.2015	1	R3 2,5/3,2/3,2	R3 2,5/3,2/3,2
	LED Glühlampe klar Filament Vintage Line 	8W	9,1W 9,3VA PF=0,91	55W 720lm	29.09.2015	1	R3 4,1/5,8/5,8	R3 4,1/5,8/5,8
						2	R3 8,9/12,8/13	R3 8,9/12,8/13
						3	R3 13,4/19,9/19,9	R3 13,4/19,9/19,9
						4	R3 17,1/25,5/25,5	R3 17,1/25,5/25,5
						5	R3 20,5/31,5/31,5	R3 20,5/31,5/31,5
	LED Radio Style klar Filament Vintage Line 	4,7W	5,3W / 5,9VA PF=0,89	35W 400lm	21.07.2015	1	R3 2,3/2,6/2,6	R3 2,3/2,6/2,6
	LED Rustika klar Filament Vintage Line Long Style 	6W	6,1W / 6,9VA PF=0,89	40W 470lm	21.07.2015	1	R3 2,7/3,3/3,4	R3 2,7/3,3/3,4
	LED Reflektor 	5,3W	5,2W / 5,1VA PF=0,92	25W 250lm	27.02.2015	1	R3 3,6/3,9/3,9	R3 3,6/3,9/3,9
	LED Globe 95 opal Filament Vintage Line 	4W	3,6W 3,8VA PF=0,87	30W 320lm	29.09.2015	1	R3 1,4/1,5/1,5	R3 1,4/1,5/1,5
						2	R3 2,9/4,1/4,1	R3 2,9/4,1/4,1
						3	R3 4,3/6,8/6,8	R3 4,3/6,8/6,8
						4	R3 6,7/10,9/10,9	R3 6,7/10,9/10,9
						5	R3 8,2/13,7/13,9	R3 8,2/13,7/13,9
	LED Globe 125 clear 	8W	8,8W / 9,4VA PF=0,89	55W 720lm	27.02.2015	1	R3 4,4/6,1/6,1	R3 4,4/6,1/6,1
	LED Globe 95 Filament Vintage Line 	8W	9W / 10,6VA PF=0,86	55W 620lm	21.07.2015	1	R3 3,4/5,2/5,2	R3 3,4/5,2/5,2
	LED 3U Premium 	16W	16,7W / 19,1VA PF=0,87	85W 1250lm	21.07.2015	1	R3 6,5/10,6/10,6	R3 6,5/10,6/10,6
	LED 3U 	22W	22,6W / 27,2VA PF=0,85	125W 2000lm	21.07.2015	1	R3 7,1/13,6/13,6	R3 7,1/13,6/13,6
LED Kühlschranklicht klar Filament Vintage Line 	1,5W	1,5W 1VA PF=XX	11W 100lm	29.09.2015	1	R3 0,7/0,5/0,5	R3 0,7/0,5/0,5	
					2	R3 1,9/1,5/1,5	R3 1,9/1,5/1,5	
					3	R3 2,8/2,7/2,7	R3 2,8/2,7/2,7	
					4	R3 3,7/3,9/3,9	R3 3,7/3,9/3,9	
					5	R3 4,5/5/5	R3 4,5/5/5	
LED Tube klar Filament Vintage Line 	2,7W	2,9W / 3,3VA PF=XX	20W 200lm	21.07.2015	1	R3 1,3/1,1/1,1	R3 1,3/1,1/1,1	
LED Kerze Windstoß klar Premium 	2,4W	2,8W / 6,1VA PF=0,44	20W 192lm	21.07.2015	1	R3 3,4/8,1/8,9	R3 3,4/8,1/8,9	
LED Kerze Windstoß 						1	R3	R3




LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
O3	Flickering during dimming process
O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.
		2,7W	2,7W 2,8VA PF=0,96	25W 250lm	27.02.2015	1	1,5/1,4/1,4	1,5/1,4/1,4
						2	O1 3,2/3,3/3,3	O1 3,2/3,3/3,3
	LED Kerze Standard opal Vintage Line	3,5W	3,6W / 4,1VA PF=0,89	15W	21.07.2015	1	R3 1,3/1,4/1,4	R3 1,3/1,4/1,4
	LED Kerze klar Filament Vintage Line	3,5W	3,7W 3,4VA PF=0,89	15W 150lm	29.09.2015	1	R3 1,5/1,4/1,5	R3 1,5/1,4/1,5
						2	R3 2,6/3,6/3,6	R3 2,6/3,6/3,6
						3	R3 3,9/5,5/5,7	R3 3,9/5,5/5,7
						4	R3 5,3/8,3/8,6	R3 5,3/8,3/8,6
						5	R3 6,8/10,6/11,2	R3 6,8/10,6/11,2
	LED Kerze Klar	4W	4,1W / 3,9VA PF=0,92	33W 360lm	27.02.2015	1	R3 1,9/2,1/2,1	R3 1,9/2,1/2,1
	LED Kerze klar Filament Vintage Line	4W	3,9W 3,6VA PF=0,91	30W 360lm	29.09.2015	1	R3 1,3/1,3/1,3	R3 1,3/1,3/1,3
	2					R3 2,9/3,6/3,6	R3 2,9/3,6/3,6	
	3					R3 4,2/6,1/6,2	R3 4,2/6,1/6,2	
	4					R3 5,4/8,6/8,7	R3 5,4/8,6/8,7	
	5					R3 6,8/11,1/11,3	R3 6,8/11,1/11,3	
VOSLA	LED Kerze Typ 50021 (laut Verpackungsaufschrift nicht dimmbar)	3W	2,9W 5,6VA PF=0,52	300lm	21.04.2015	1	R3 0,4/0,4/0,4	R3 0,4/0,4/0,4
						2	R3 0,4/0,5/0,5	R3 0,4/0,5/0,5
	LED Birne Typ 50051 (laut Verpackungsaufschrift nicht dimmbar)	3,5W	3,2W 5,5VA PF=0,59	370lm	21.04.2015	1	R3 0,4/0,4/0,4	R3 0,4/0,4/0,4
						2	R3 0,4/0,5/0,5	R3 0,4/0,5/0,5
LED Birne Typ 50061 (laut Verpackungsaufschrift nicht dimmbar)	5,5W	6W 8,5VA PF=0,7	550lm	21.04.2015	1	R3 0,4/0,4/0,4	R3 0,4/0,4/0,4	
						2	R3 0,4/0,5/0,5	R3 0,4/0,5/0,5
Fraumaier	LED	16W	17,2W / 18,6VA PF=0,89	?	22.05.2015	1	G2 17,8/20,8/20,8	G2 17,8/20,8/20,8
Seoul Semi- conductor	LED-Modul	17W	17,6W 17,1VA PF=0,99	?	11.02.2015	1	G1 15,3/15,4/15,4	G1 15,3/15,4/15,4
						2	O1 30,9/31,6/31,8	O1 30,9/31,6/31,8
ELTEC-PLAN	LED Filament 4W AGL (A60)	4W	4,9W 4,3VA PF=0,98	400lm	11.02.2015.	1	O1/G3 3,8/3,8/3,8	O1/G3 3,8/3,8/3,8
						2	O1 9,2/9/9	O1 9,2/9/9
						3	G1 14,1/14/14,1	G1 14,1/14/14,1
	LED Filament 8W AGL (A60)	8W	7,9W 9,2VA PF=0,86	760lm	11.02.2015	1	O1/G2 7,6/9,1/9,9	O1/G2 7,6/9,1/9,9
						2	O1/G2 15,6/18,8/20,8	O1/G2 15,6/18,8/20,8
	3					O1/G2 23,8/28,5/31,4	O1/G2 23,8/28,5/31,4	
LED Filament 4W Tropfen	4W	6W/5,9VA PF=0,96	400lm	11.02.2015	1	O1/G3 3,9/3,5/3,6	O1/G3 3,9/3,5/3,6	
Vintage LedLight	VIN0012 Kugellampe klar 2200K E14	3,5W	3,2W/3,8VA PF=0,86	320lm	11.02.2015	1	R3 -	R3 -
	VIN0013 Kugellampe klar 2500K E14	3,5W	3,2W/3,8VA PF=0,87	350lm	11.02.2015	1	R3 -	R3 -
							-	-



LED-arrangement list for cord-dimmers

Legend:	
G0	No limits
G1	Dimming rang marginally limited
G2	Weak flickering
G3	Minimal variation in the dimming process (brightness leap)
G4	Delayed switching characteristics (max. 2s)
G5	Partial two-stage closure (brightness leap during switch-on)
O1	Dimming range noticeable limited
O2	Flickering in different brightness level
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O4	Low glowing in switch-off state
O5	Flickering during switch-on (takes some time until solid mode, sometimes several switch operations necessary)
R1	Strong flickering during dimming process
R2	Switches automatically on and off
R3	Very limited dimming range; no dimming possible
R4	No switch-on possible, or switch-off automatically at 100%

* Dimmer-lamp combination is buzzing

** W and VA are measured at max. adjustable brightness / VA max. shows the highest VA-value could be measured

*** Similar figure / different colour types

LED lamp brand	Description	Lamp-power	measured power without dimmer W/VA/ power factor at 230V	corresponding bulb power	Actuality of lamps	Number of lamps	Dimmer 552927 T21.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	Dimmer 431861 T26.09 ***  7-110 W/VA LED 3-35 W Rating and Power** in W/VA/VA max.	
VIN	VIN0015 Kugellampe klar 2500K E27	3,5W	3,2W/3,8VA PF=0,86	350lm	11.02.2015	1	R3	R3	
	VIN0006 Glühlampe klar 2200K E27	5W	5,1W/5,5VA PF=0,94	480lm	11.02.2015	1	R3	R3	
	VIN0008 Glühlampe matt 2200K E27	5W	4,9W/5,3VA PF=0,93	480lm	11.02.2015	1	3,3/3,2/3,3	3,3/3,2/3,3	
	VIN0007 Glühlampe klar 2500K E27	5W	4,8W/11,3VA PF=0,41	500lm	11.02.2015	1	R3	R3	
	VIN0009 Glühlampe matt 2500K E27	5W	5W/11,6VA PF=0,42	500lm	11.02.2015	1	3,3/3,2/3,3	3,3/3,2/3,3	
	VIN0001 LED Rustica klar 2200K E27	6W	5,5W/6,1VA PF=0,91	520lm	11.02.2015	1	R3	R3	
	VIN0002 LED Rustica klar 2500K E27	6W	5,3W/5,9VA PF=0,91	500lm	11.02.2015	1	1,9/2,3/2,4	1,9/2,3/2,4	
	VIN0003 LED Globe 125 klar 2200K E27	6W	5,4W/6VA PF=0,9	520lm	11.02.2015	1	R3	R3	
	VIN0010 LED Kerze klar 2200K E14	3,5W	3,3W/3,8VA PF=0,89	320lm	11.02.2015	1	1,9/2,3/2,4	1,9/2,3/2,4	
	VIN0011 LED Kerze klar 2500K E14	3,5W	3,1W/3,7VA PF=0,86	320lm	11.02.2015	1	R3	R3	
	VIN0014 LED Windstoß klar 2200K E14	3,5W	3,3W/3,8VA PF=0,86	320lm	11.02.2015	1	-	-	
	Girard Sudron	G45 Clear	4W	3,57W/3,8VA PF=0,97	320lm	11.02.2015	1	R3	R3
								O1/G2	O1/G2
								2,5/2,1/2,3	2,5/2,1/2,3