

MASTER LEDlamps range - recommended professional dimmer list

KEY	
x-y	Dimmable, with x to y lamps or up to a max of 10% of the max dimmer load
x-y	Lamps are dimmable across full dimming range, but exhibit flickering at a single distinct position in the range (usually 80% light level point)
x-y	The majority of configurations show undesirable dimming behavior

Brand	Type #	Type	Load	Bulbs				Candle + Luster		230 V Reflector								MR16		AR111	
				Glow	Designer	806 lm	1050 lm	Candle	Luster	GU10 PF	GU10 PF	GU10	GU10	GU10 8 W	PAR20	PAR30S	PAR38	MR16	MR16	AR111	AR111
				470 lm				250 lm		4-35 W	6-50 W	HPD	7 W	DimTone			7 W	10 W	10 W	15 W	
Dynalite	DDMC802 DDLM102 ²	RL			1-8			2-30	2-30			1-15	2-12		2-12						
Dynalite	DDMC802 DDLM102 + DMAL120F	RL		2-13	2-13	1-8		2-30	2-30			1-15	2-12	2-13	2-12		1-8	2-5	2-13	2-9	2-9
Dynalite	DDMC802 DDLM104	RL				1-15												2-10	2-26	2-18	2-18
Dynalite	DDMC802 DDLM104+ DMAL120F	RL		1-26	1-26	1-15		3-32	3-32			1-30	1-23	1-26	1-23		1-15	2-10	2-26	2-18	2-18
Dynalite	DDMC802 DDTM102	RC		1-26	1-26	1-15		1-48	1-48			1-24	1-14	1-26	1-14		1-15	1-10	1-26	1-18	1-18
Dynalite	DDMC802GL DGLM402	RL				1-8		2-30	2-30			1-15	2-12		2-12			2-5	2-13	2-9	2-9
Dynalite	DDMC802GL DGLM402 + DMAL120F	RL		2-13	2-13	1-8		2-30	2-30			1-15	2-12	2-13	2-12		1-8	2-5	2-13	2-9	2-9
Dynalite	DDMC802GL DGLM105	RL				1-19							1-27		1-27			2-12	2-32	2-23	2-23
Dynalite	DDMC802GL DGLM105 + DMAL120F	RL		2-33	2-33	1-19		1-36	1-36			1-38	1-27	2-33	1-27		1-19	2-12	2-32	2-23	2-23
Dynalite	DDMC802GL DGTM402 ³	RC		1-26	1-26	1-15		1-38	1-38			1-24	1-14	1-26	1-14		1-15	1-10	1-26	1-18	1-18
Dynalite	DDMC802GL DGTM105 ³	RC		1-40	1-40	1-28		1-53	1-53			1-36	1-22	1-40	1-22		1-28	1-20	1-50	1-34	1-34
Dynalite	DDMC802GL DGLEDM401 LED module ³	RC		1-26	1-26	1-15		1-38	1-38			1-24	1-14	1-26	1-14		1-15	1-10	1-26	1-18	1-18
Dynalite	DLE1203	RL												1-13		1-13			2-19	2-14	2-14
Dynalite	DLE1203 + DMAL120F	RL				1-12		1-36	1-36			1-23	1-13		1-13		1-12	1-8	2-19	2-14	2-14
Dynalite	DLE405	RL											1-28		1-28			1-12	2-32	2-23	2-23
Dynalite	DLE405 + DMAL120F	RL				1-19		1-38	1-38			1-38	1-28		1-28		1-19	1-12	2-32	2-23	2-23
Dynalite	DLE1205	RL											3-28		3-28				3-32	3-23	3-23
Dynalite	DLE1205 + DMAL120F	RL		1-33	1-33	1-19		1-40	1-40			1-38	3-28	1-33	3-28		1-19	1-12	3-32	3-23	3-23
Dynalite	DLE410/DMC810GL/	RL											2-53		2-53				6-65	5-46	5-46
Dynalite	DLE1210GL	RL																			
Dynalite	DLE410/DMC810GL/	RL		2-66	2-66			1-65	1-65			1-76	2-53	2-66	2-53		1-38	2-25	6-65	5-46	5-46
Dynalite	DLE1210GL + DMAL120F	RL																			
Dynalite	DLE1210	RL											2-53		2-53				6-65	5-46	5-46
Dynalite	DLE1210 + DMAL120F	RL		2-66	2-66	1-38		1-82	1-82			1-76	2-66	2-66	2-53		1-38	2-25	6-65	5-46	5-46
Dynalite	DLE120-S/DLE220-S/DLE1220GL-S ⁴	RC				1-38 ¹									2-53 ¹				6-65 ¹	5-46 ¹	5-46 ¹
Dynalite	DLE120-S/DLE220-S/DLE1220GL-S + DMAL120F ⁴	RC		2-66 ¹	2-66 ¹	1-38 ¹		1-82 ¹	1-82 ¹			1-76 ¹	2-53 ¹	2-66 ¹	2-53 ¹		1-38 ¹	2-25 ¹	6-65 ¹	5-46 ¹	5-46 ¹
Dynalite	DTE310/DTE1210 ³	RC		1-82	1-82	1-48		1-140	1-140			1-81	1-48	1-82	1-48		1-48	1-32	1-82	1-58	1-58
Lutron	Dimming card 230V														1-15						
Lutron	GrafikEye QSGR-3PCE														1-18						

- This dimmer has complex installation but works well under certain configurations.
- AR111 (10W) can be dimmed successfully by Dynalite dimmers with a minimum fade time setting of 4 seconds to eliminate "strobe" flicker when LED is switched from fully ON to OFF state. LED lamp datasheet indicate that this LED is not dimmable.
- PAR 30S/PAR38 can be dimmed with RC type dimmer but lamp spec indicate RL type dimmer only.
- higher numbers possible, subject to the installation check. Please contact Philips Dynalite for more information.





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