

Operation of LED-Retrofit Lamps RaLED Star Reflector MR16 GU5.3 with different Dimmers

Legend: green dimmability very good (under 25% light)
yellow dimmable (under 40% light)
red dimmability critical (flickering and/or sound possible, and/or only more than 40% light)
white not tested

Radium

Die Lichtmarke



T: Trailing edge phase dimmer
L: Leading edge phase dimmer
U: Universal dimmer

Manufacturer	Dimmer-Type, Model	Mains/ Power	Load Range [W]	Dimming Method	MR16 20		MR16 35		MR16 50	
					1 lamp	4 lamps	1 lamp	4 lamps	1 lamp	4 lamps
ABB	STD 50-3	230/50Hz	60-500	L						
Altenburger Electronic	50.30	230/50Hz	15-350	T						
AURORA	DSP 400	230/50Hz	400	L						
Berker	2861	230/50Hz	50-420	T						
bticino	NT4402N	230/50Hz	500	L						
Busch-Jaeger	6513U-102	230/50Hz	40-420	T						
Busch-Jaeger	6523U-LED	230/50Hz	2-100	L						
Busch-Jaeger	2250 U	230/50Hz	60-600	L						
Busch-Jaeger	6591UJCGL-101-214	230/50Hz	40-420	T						
CENTURY CONTROL	MULTI DIMMER	230/50Hz	60-600	L						
DINUY	RE EL1 LE1	230/50Hz	400	L/T						
ELKO	315GLE	230/50Hz	20-315	T						
ELKO	420GLE/I	230/50Hz	40-420	T						
ELKO	600GLI	230/50Hz	40-600	L						
ELKO	630GLE	230/50Hz	20-630	T						
Eltako	EUD61NPN-UC	230/50Hz	5-400	L/T						
Feller	40600 RLC	230/50Hz	20-600	L						
Gira	117600	230/50Hz	50-420	U						
Gira	30500	230/50Hz	50-420	T						
Gira	30700	230/50Hz	20-525	T						
Gira	217400	230/50Hz	4X20-250	T						
Hager	WUD87	230/50Hz	400	T						
Hamilton	KP1X40	230/50Hz	400	L						
Jung	225 NVDE	230/50Hz	20-500	L						
Jung	225 TDE	230/50Hz	20-525	T						
Legrand	665114	230/50Hz	400	L						
Legrand	78405	230/50Hz	600	L						
Legrand	99314	230/50Hz	300	L						
Legrand	281080	230/50Hz	500	L						
Legrand	281084	230/50Hz	500	L						
Legrand	617030	230/50Hz	600	L						
Legrand	617031	230/50Hz	1000	L						
Legrand	770061	230/50Hz	400	L						
Legrand	770062	230/50Hz	400	T						
MASTER	DM-2500	230/50Hz	2500	L						
MASTER	DM-DGL	230/50Hz	1000	L						
Merten	MEG 5131	230/50Hz	40-400	L						
Merten	MEG 5135	230/50Hz	60-1000	L						
Merten	MEG 5140	230/50Hz	9-100	L						
Merten	MEG 5170-0300	230/50Hz	10-200	T						
MK	K4501	230/50Hz	180	L						
NEXUS	881P-01	230/50Hz	400	L						
NIKO	310-01900 / 01901	230/50Hz	5-200	L/T						
NIKO	330-00700 / 00701	230/50Hz	5-200	L/T						
Osram	HiDALI 315 DIM	230/50Hz	20-315	DALI T						
Osram	HiTi DALI 105/230-240 DIM	230/50Hz	35-105	DALI						
PEHA	435 HAN	230/50Hz	60-600	L						
Schneider	STD400T	230/50Hz	400	U						
Shuttle	SDIM-T-LED-500W	230/50Hz	2-500	T						
Siemens	5TC8 284	230/50Hz	20-525	T						
Siemens	5WG1-527-1AB31	230/50Hz	20-500	T						
VADSBO	LD 220	230/50Hz	1-200	T						
VARILIGHT	HQ3W	230/50Hz	400	L						
VARILIGHT	JQP401W	230/50Hz	400	T						
Vimar	20135	230/50Hz	3-100	L/T						
ZANO	WH251	230/50Hz	250	L						
ZANO	WH401	230/50Hz	400	L						
ZANO	Z GRID 500	230/50Hz	500	L						
ZANO	Z GRID 700	230/50Hz	250	T						

Typical values. Test performed with regarded lamps named. The test results reflect the measurement of the individual devices that were used in tests.

Radium does not take over any responsibility, warranty or liability that this results can also be achieved by using the devices under other conditions or when using successor models of the tested devices or different models of the same manufacturer. The test results were achieved by using the above mentioned LED-lamp types.

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