

Operation of low voltage LED-retrofit lamps Reflector MR11 GU4 with different transformers

Radium

Legend:	green	works very well (without any problem)
	yellow	works quite well (flickering possible)
	red	does not really work (flickering and/or less light possible and likely)
	white / other	not tested

ET: electronic tranformer

HT: Halotronic

OT: Optotronic



MR11 20

43619248

MR11 35

43619244

Manufacturer	Tranformer-Type, Model	Mains voltage	Load Range	Type	Anzahl Lampen	Anzahl Lampen
OSRAM	HTM 70/230-240	230-240, 50-60Hz	20-70W	HT	1-4	1-4
OSRAM	HTM 105/230-240	230-240, 50-60Hz	35-105W	HT	1-4	1-4
OSRAM	ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-70W	ET	1-4	1-2
OSRAM	ET-Parrot 105/220-240 I	220-240, 50-60Hz	35-105W	ET	1-4	2-4
OSRAM	ET-A 60/220-240	220-240, 50-60Hz	20-60W	ET	1-3	1-3
OSRAM	ET-L 30/220-240	220-240, 50-60Hz	2-30W	ET	1-3	1-2
OSRAM	HTB 70/220-240	220-240, 50-60Hz	20-70W	HT	1-4	2-4
OSRAM	HTN75/230-240 I	230-240, 50-60Hz	20-75W	ET	1-4	1-4
OSRAM	HTM 150/230-240	230-240, 50-60Hz	50-150W	HT	2-4	1-4
OSRAM	HTL105/230-240	230-240, 50-60Hz	35-105W	HT	1-2	1
OSRAM	IZ-A50/240	240,50-60Hz	50W	ET	1-4	1-4
OSRAM	IZ-HALD50/220-240	220-240, 50-60Hz	20-50W	ET	1-4	1-4
OSRAM	HTB 105/220-240	220-240, 50-60Hz	35-105W	HT	1-4	1-4
OSRAM	ET-Parrot 150/220-240 I	220-240, 50-60Hz	50-150W	ET	1-4	2-4
OSRAM	ET-ZE 60/220-240	220-240, 50-60Hz	20-60W	ET	1-4	1-4
OSRAM	HTL 225/230-240	220-240, 50-60Hz	50-225W	HT	1-4	2-4
OSRAM	OT 15/220-240/12 P	220-240, 50-60Hz	15W	OT	1-3	1-2
OSRAM	OT 30/220-240/12 P	220-240, 50-60Hz	30W	OT	1-4	1-4
OSRAM	OT 60/220-240/ 12 P	220-240, 50-60Hz	60W	OT	1-4	1-4
OSRAM	OT 30/220-240/24 P	220-240, 50-60Hz	30W	OT		
abi	SET210(50-210VA) AL50476	220-240V, 50Hz	50-210VA	ET	1-4	1-4
Berker	Igel 20-105w 2921	230-240,50-60Hz	20-105W	ET		3-4
Berker	SNT 70/QU 2918	230,50-60Hz	20-70W	ET	1-4	1-4
Berker	SNTF II 35-105W 2927	230,50-60Hz	35-105W	ET	1-4	1-4
BLOCK	HES 70K	230-240,50-60Hz	20-70W	ET	3-4	3
BLOCK	HES 105K	230-240,50-60Hz	35-105W	ET	1-4	1-4
EVN	TAB 70 (3310)	230,50-60Hz	20-70W	ET	1-4	1-4
EVN	CLOU 60(T41/09)	230-240,50-60Hz	10-60W	ET	1-2	2-3
EVN	MINIJOKER 70(T27/10)	230-240,50-60Hz	10-70W	ET	1	1-4
FN LIGHT	TL105S 20-105W 461107	230-240,50-60Hz	20-105W	ET	1-4	1-4
goodbay	SET110LV(35-110W)	220-240,50Hz	35-110W	ET	1-4	1-4
JUNG	SNT 70 F	230,50-60Hz	20-70W	ET	1-4	2-4
JUNG	SNT 105 F	230,50-60Hz	20-105W	ET	2-4	2-4
nobile	EN-80F	230,50-60Hz	20-80W	ET	1-4	1-4
nobile	EN-60D2	230,50-60Hz	20-60W	ET	1-4	1-4
Paulmann	Disc electronic S 70	230,50-60Hz	20-70W	ET	1-2	1-3
Paulmann	Profi 80	220-240,50Hz	20-80W	ET	3-4	4
Paulmann	Mipro 70	230,50-60Hz	20-70W	ET	2	2-4
PHILIPS	Primaline 70 230-240	230-240,50-60Hz	20-70W	ET	1-4	1-4
SLV	461060	230,50-60Hz	10-60W	ET	1-4	1-2

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.

Due to the big number of electronic components and many other influence factors noise can emerge in unfavourable conditons, which may be well audible in the case of resonance.

Radium does not take over any responsibility, warranty or liability that these results can also be achieved by using the devices under other conditions or when using other LED-lamp types. Installation and operational notes are to be observed.

Changes, errors and omissions excepted.