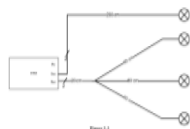


Operation of low voltage LED-retrofit lamps PIN G4 + GY6.35 with different transformers

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



PC: Parallel circuit



SC: Series circuit

ET: electronic transformer
HT: Halotronic
OT: Optotronic



PIN G4
43618557



PIN GY6.35
43618552

Manufacturer	Transformer-Type, Model	Mains voltage	Load Range [W]	Type	Circuit	no. of lamps	no. of lamps
OSRAM	HTM 70/230-240	230-240, 50-60Hz	20-70W	HT	RS & PS	1 -4	1 -4
OSRAM	HTM 105/230-240	230-240, 50-60Hz	35-105W	HT	RS & PS	1 -4	1 -4
OSRAM	ET-Parrot 70/220-240 I	220-240, 50-60Hz	20-70W	ET	RS & PS	1	1
OSRAM	HTM 150/230-240	230-240, 50-60Hz	50-150W	HT	RS & PS	2 -4	2 -4
OSRAM	HTN 75/230-240 I	230-240, 50-60Hz	20-75W	HT	RS & PS	1 -4	1 -4
OSRAM	ET-Parrot 105/220-240 I	220-240, 50-60Hz	35-105W	ET	RS & PS	1	1
OSRAM	ET-Parrot 150	230V/50Hz	50-150	ET	RS & PS	3 -4	3 -4
OSRAM	HTL105/230-240	230-240, 50-60Hz	35-105W	HT	RS & PS	2 -4	2 -4
OSRAM	HTL225/230-240	230-240, 50-60Hz	50-225W	HT	RS & PS	3	3
OSRAM	OT 30/220-240/12P	230V/50Hz	30	OT	RS & PS	1 -4	1 -4
OSRAM	OT 60/220-240/12P	230V/50Hz	60	OT	RS & PS	1 -4	1 -4

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.