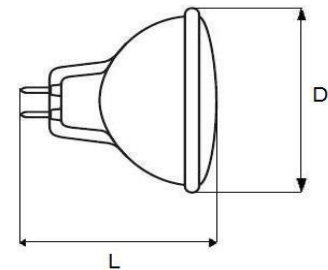
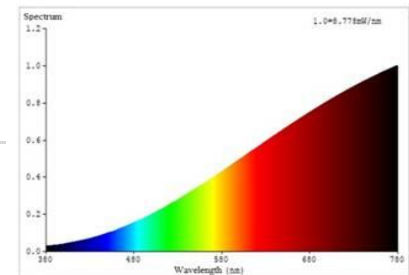


Order code	EAN	Packaging - SKU
056447-HLME1	4986149056447	PET Clamshell, 1 pc/SKU
<b>Product</b>		
Category	Halogen Lamp ECO	
Series	MR11	
Description	GP HL ES MR11 GU4 16W 12V 25D WC	
<b>General description</b>		
Energy label	B	
Lamp shape	MR11	
Lamp base	GU4	
Dimmable	Yes	
Mercury free	Yes	
Mercury content	0.0 mg	
Recycling	Yes	
<b>Electrical characteristics</b>		
Nominal wattage	16 W $\pm$ 10%	
Rated wattage	16 W	
Equivalent incandescent lamp power	20 W	
Power factor	1.0	
Voltage	12 V	
Operating frequency	50/60Hz	
Lamp current	1333 mA	
Weighted Energy Consumption	17 kWh / 1000 h	
<b>Light technical characteristics</b>		
Light colour	Warm White	
Colour temperature	2900 K $\pm$ 150K	
Colour rendering index (Ra)	100	
Nominal luminous flux	170 lm $\pm$ 10%	
Rated luminous flux	170 lm	
Rated peak intensity	600 cd $\pm$ 10%	
Luminous intensity	600 cd $\pm$ 10%	
Lumen maintenance factor at end of life	0.75	
Nominal beam angle	25	
Rated beam angle	25	
Warm-up time (60%)	< 0.2 s	
Starting time	< 0.2 s	
<b>Lifespan</b>		
Nominal life time	2000 h	
Rated lamp life time	2000 h	
Switching Cycles	> 8000	
<b>Product dimensions</b>		
Overall length (L)	35 mm $\pm$ 1 mm	
Diameter (D)	35 mm $\pm$ 1 mm	
<b>Warranty</b>		
	12 months from ex-factory date	



### Spectral Distribution



**GP Halogen Lamps Energy Savers** are designed for direct replacement of conventional incandescent lamps and standard halogen lamps.

- Compatible shapes and sizes of corresponding GLS and standard halogen lamps
- Bright natural looking light for the entire home
- Save up to 30% energy
- Average life time up to 2000 hours
- Give 100% light output instantly
- Dimmable

### Applications

- Domestic and commercial applications
- General illumination
- Can be used everywhere at home
- Use outdoors only in enclosed and ventilated luminaires.