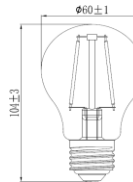


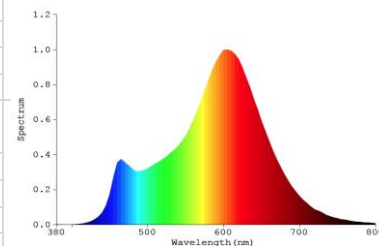
## Product Data Sheet

## GP LD CLS60 4.6-40W E27 W FM CL

<b>Order code</b>	<b>EAN</b>	<b>Packaging - SKU</b>
778203-LDCE1	4986149778203	Eco blister, 1 pc/SKU
<b>Product</b>		
Category	LED Lamps	
Series	VINTAGE CLASSIC - CLEAR (FILAMENT)	
Model	HI-BRIGHTNESS CLASSIC CLEAR-FM	
Description	GP LD CLS60 E27 4.6-40W 220-240V CL FM CE1	
<b>General description</b>		
Energy label	A++	
Lamp shape	Classic A60	
Lamp base	E27	
Dimmable	No	
Mercury free	Yes	
Mercury content	0.0 mg	
Recycling	Yes	
<b>Electrical characteristics</b>		
Nominal wattage	4.6 W $\pm$ 10%	
Rated wattage	4.6 W	
Equivalent incandescent lamp power	40 W	
Power factor	>0.4	
Voltage	220-240 V	
Operating frequency	50/60Hz	
Lamp current	19-21 mA	
Weighted Energy Consumption	5 KWh / 1000 h	
<b>Light technical characteristics</b>		
Light colour	WARM WHITE	
Colour temperature	2700 K $\pm$ 270K	
Colour rendering index (Ra)	$\geq$ 80	
Colour consistency	<6 SDCM	
Nominal luminous flux	470 lm $\pm$ 10%	
Rated luminous flux	470 lm	
Lumen maintenance factor at end of life	$\geq$ 0.7	
Warm-up time (60%)	Instant s	
Starting time	<0.5 s	
<b>Lifespan</b>		
Nominal life time	15000 h	
Rated lamp life time	15000 h	
Switching cycles	50000	
<b>Product dimensions</b>		
Overall length (L)	104 mm $\pm$ 1 mm	
Diameter (D)	60 mm $\pm$ 1 mm	
<b>Product Compliance</b>		
Warranty	CE, ERP, ROHS, REACH 12 months from ex-factory date	



### Spectral Distribution



**GP LED Lamps** are designed for true direct replacement of standard incandescent lamps.

- Compatible shapes and sizes of GLS
- Very low energy consumption
- Extremely long life
- Emit a warm white or cold white light for different ambience
- Instant start with full light output
- Available in most common lamp bases for household use
- No UV

### Applications

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