

## GU10, bright

Image				
Brand	<a href="#">Girard Sudron</a>	<a href="#">Girard Sudron</a>	<a href="#">Girard Sudron</a>	<a href="#">Girard Sudron</a>
Model	Spot LED 5W GU10 2700K 400Lm 100° Ch.	Spot LED 5W GU10 4000K 420Lm 100° Ch.	Spot LED 5W GU10 6500K 440Lm 100° Ch.	Spot LED 5W GU10 5000K 380Lm 70° Dim.
Other models	dimmable			
Electricity costs(€ in 15 years)	15	15	15	15
Energy class	A+	A++	A++	A+
Luminous flux (lm)	400	420	440	380
Power (W)	5	5	5	5
Lumens per watt (lm/W)	80	84	88	76
Equivalent power (W)	50	50	62	50
Lamp life time (h)	35'000	35'000	35'000	35'000
Switching cycles	100'000	100'000	100'000	100'000
Dimmable	no	no	no	yes
Warm white	yes	no	no	no
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Girard Sudron</a>	<a href="#">Girard Sudron</a>	Inefficient model	<a href="#">Luxram</a>
Model	Spot LED 7W GU10 3000K 600Lm Dim. Dichroïque COB	Spot LED 6W GU10 3000K 540Lm Dim. COB	Halogen	LED Spot 2020™ GU10 4W
Other models				
Electricity costs(€ in 15 years)	21	18	150	12
Energy class	A++	A++	D	A+
Luminous flux (lm)	650	580	350	310
Power (W)	7	6	50	4
Lumens per watt (lm/W)	93	97	7	78
Equivalent power (W)	83	75	n/a	45
Lamp life time (h)	35'000	35'000	2'000	25'000
Switching cycles	100'000	100'000	120'000	100'000
Dimmable	yes	yes	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand		on demand

Image				
Brand	<a href="#">Megaman</a>	<a href="#">Megaman</a>	<a href="#">Onlux</a>	<a href="#">Osram</a>
Model	Reflector PAR16 dimmbar	Reflector PAR16 dimmbar	DeltaLux Florett	LED STAR PAR16 8036° 6,9W/827 GU10
Other models			3000K, 4500K	Beam angle 120 / neutral white
Electricity costs(€ in 15 years)	21	17	12	21
Energy class	A+	A+	A++	A+
Luminous flux (lm)	580	500	325	575
Power (W)	7	5.5	4.1	6.9
Lumens per watt (lm/W)	83	91	79	83
Equivalent power (W)	65	50	50	80
Lamp life time (h)	25'000	25'000	20'000	15'000
Switching cycles	1'000'000	1'000'000	100'000	100'000
Dimmable	yes	yes	no	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Osram</a>	<a href="#">Osram</a>	<a href="#">Osram</a>	<a href="#">Philips</a>
Model	LED SUPERSTAR PAR16 5036° 4,6W/827 GU10	LED STAR PAR16 5036° 4,3W/827 GU10	LED Superstar PAR16 80	LED classic 50W GU10 WW 36D ND SRT4
Other models	neutral white	Beam angle 120 / neutral white	Beam angle 120 / neutral white	
Electricity costs(€ in 15 years)	14	13	22	14
Energy class	A+	A+	A+	A+
Luminous flux (lm)	350	350	575	355
Power (W)	4.6	4.3	7.2	4.6
Lumens per watt (lm/W)	76	81	80	77
Equivalent power (W)	50	50	80	50
Lamp life time (h)	25'000	15'000	25'000	15'000
Switching cycles	100'000	100'000	100'000	50'000
Dimmable	yes	no	yes	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Philips</a>	<a href="#">Philips</a>	<a href="#">Philips</a>	<a href="#">Philips</a>
Model	LED classic 25W GU10 WW 36D ND SRT4	LEDClassic 50W GU10 WW 36D WGD SRT4	LED 80W GU10 WW 36D D SRT4	LEDClassic 65W GU10 WH 36D ND SRT4
Other models				
Electricity costs(€ in 15 years)	8.1	15	21	15
Energy class	A++	A+	A+	A++
Luminous flux (lm)		395	575	460
Power (W)	2.7	5	7	5
Lumens per watt (lm/W)	80	79	82	92
Equivalent power (W)	25	50	80	65
Lamp life time (h)	15'000	15'000	25'000	15'000
Switching cycles	50'000	50'000	50'000	50'000
Dimmable	no	yes	yes	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Philips</a>	<a href="#">Philips</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>
Model	LEDClassic 50W GU10 WW 36D ND 2BC/6	LED SSW 50W GU10 WW 36D ND SRT4	RefLED+ ES50 GU10 5.5W 475lm 840 50° dim	RefLED+ ES50 GU10 5W 380lm 840 40°
Other models		1.5 and 3 Watt		
Electricity costs(€ in 15 years)	13.8	15	17	15
Energy class	A+	A+	A++	A+
Luminous flux (lm)	395		475	380
Power (W)	4.6	5	5.5	5
Lumens per watt (lm/W)	86	99	86	76
Equivalent power (W)	50	50	67	55
Lamp life time (h)	15'000	15'000	25'000	25'000
Switching cycles	50'000	50'000	100'000	100'000
Dimmable	no	no	yes	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>
Model	RefLED Superia ES50 GU10 6.5W 500lm 827 40° dim	RefLED Superia ES50 GU10 6.5W 550lm 840 40° dim	RefLED Superia ES50 GU10 6.5W 525lm 830 40° dim	RefLED+ ES50 GU10 5.5W 460lm 830 50° dim
Other models	Beam angle 25°	Beam angle 25°	Beam angle 25°	
Electricity costs(€ in 15 years)	20	20	20	17
Energy class	A+	A+	A+	A++
Luminous flux (lm)	500	550	525	460
Power (W)	6.5	6.5	6.5	5.5
Lumens per watt (lm/W)	77	85	81	84
Equivalent power (W)	70	77	73	65
Lamp life time (h)	25'000	25'000	25'000	25'000
Switching cycles	100'000	100'000	100'000	100'000
Dimmable	yes	yes	yes	yes
Warm white	yes	no	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image			
Brand	<a href="#">Sylvania</a>	<a href="#">Xnovum</a>	
Model	RefLED+ ES50 GU10 5.5W 445lm 827 50° dim	LCC Spotform GU10	
Other models		38°	
Electricity costs(€ in 15 years)	17	15	
Energy class	A+	A+	
Luminous flux (lm)	445	430	
Power (W)	5.5	5	
Lumens per watt (lm/W)	81	86	
Equivalent power (W)	63		
Lamp life time (h)	25'000	35'000	
Switching cycles	100'000		
Dimmable	yes	yes	
Warm white	yes	yes	
Countries available	on demand	on demand	