

## GU10, bright

Image				
Brand	<a href="#">Philips</a>	<a href="#">Luxram</a>	<a href="#">Onlux</a>	<a href="#">Osram</a>
Model	LED classic 25W GU10 WW 36D ND SRT4	LED Spot 2020™ GU10 4W	DeltaLux Florett	LED STAR PAR16 5036° 4,3W/827 GU10
Other models			3000K, 4500K	Beam angle 120 / neutral white
Electricity costs(€ in 15 years)	8.1	12	12	13
Energy class	A++	A+	A++	A+
Luminous flux (lm)		310	325	350
Power (W)	2.7	4	4.1	4.3
Lumens per watt (lm/W)	80	78	79	81
Equivalent power (W)	25	45	50	50
Lamp life time (h)	15'000	25'000	20'000	15'000
Switching cycles	50'000	100'000	100'000	100'000
Dimmable	no	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="#">Philips</a>	<a href="#">Philips</a>	<a href="#">Philips</a>
Model	LED SUPERSTAR PAR16 5036° 4,6W/827 GU10	LEDClassic 50W GU10 WW 36D ND 2BC/6	LED classic 50W GU10 WW 36D ND SRT4	LED SSW 50W GU10 WW 36D ND SRT4
Other models	neutral white			1.5 and 3 Watt
Electricity costs(€ in 15 years)	14	13.8	14	15
Energy class	A+	A+	A+	A+
Luminous flux (lm)	350	395	355	
Power (W)	4.6	4.6	4.6	5
Lumens per watt (lm/W)	76	86	77	99
Equivalent power (W)	50	50	50	50
Lamp life time (h)	25'000	15'000	15'000	15'000
Switching cycles	100'000	50'000	50'000	50'000
Dimmable	yes	no	no	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand



Image				
Brand	<a href="#">Girard Sudron</a>	<a href="#">Philips</a>	<a href="#">Girard Sudron</a>	<a href="#">Girard Sudron</a>
Model	Spot LED 5W GU10 5000K 380Lm 70° Dim.	LEDClassic 50W GU10 WW 36D WGD SRT4	Spot LED 5W GU10 2700K 400Lm 100° Ch.	Spot LED 5W GU10 4000K 420Lm 100° Ch.
Other models			dimmable	
Electricity costs(€ in 15 years)	15	15	15	15
Energy class	A+	A+	A+	A++
Luminous flux (lm)	380	395	400	420
Power (W)	5	5	5	5
Lumens per watt (lm/W)	76	79	80	84
Equivalent power (W)	50	50	50	50
Lamp life time (h)	35'000	15'000	35'000	35'000
Switching cycles	100'000	50'000	100'000	100'000
Dimmable	yes	yes	no	no
Warm white	no	yes	yes	no
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Girard Sudron</a>	<a href="#">Xnovum</a>	<a href="#">Philips</a>	<a href="#">Sylvania</a>
Model	Spot LED 5W GU10 6500K 440Lm 100° Ch.	LCC Spotform GU10	LEDClassic 65W GU10 WH 36D ND SRT4	RefLED+ ES50 GU10 5W 380lm 840 40°
Other models		38°		
Electricity costs(€ in 15 years)	15	15	15	15
Energy class	A++	A+	A++	A+
Luminous flux (lm)	440	430	460	380
Power (W)	5	5	5	5
Lumens per watt (lm/W)	88	86	92	76
Equivalent power (W)	62		65	55
Lamp life time (h)	35'000	35'000	15'000	25'000
Switching cycles	100'000		50'000	100'000
Dimmable	no	yes	no	no
Warm white	no	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Sylvania</a>	<a href="#">Megaman</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>
Model	RefLED+ ES50 GU10 5.5W 475lm 840 50° dim	Reflector PAR16 dimmbar	RefLED+ ES50 GU10 5.5W 445lm 827 50° dim	RefLED+ ES50 GU10 5.5W 460lm 830 50° dim
Other models				
Electricity costs(€ in 15 years)	17	17	17	17
Energy class	A++	A+	A+	A++
Luminous flux (lm)	475	500	445	460
Power (W)	5.5	5.5	5.5	5.5
Lumens per watt (lm/W)	86	91	81	84
Equivalent power (W)	67	50	63	65
Lamp life time (h)	25'000	25'000	25'000	25'000
Switching cycles	100'000	1'000'000	100'000	100'000
Dimmable	yes	yes	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Girard Sudron</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>	<a href="#">Sylvania</a>
Model	Spot LED 6W GU10 3000K 540Lm Dim. COB	RefLED Superia ES50 GU10 6.5W 550lm 840 40° dim	RefLED Superia ES50 GU10 6.5W 525lm 830 40° dim	RefLED Superia ES50 GU10 6.5W 500lm 827 40° dim
Other models		Beam angle 25°	Beam angle 25°	Beam angle 25°
Electricity costs(€ in 15 years)	18	20	20	20
Energy class	A++	A+	A+	A+
Luminous flux (lm)	580	550	525	500
Power (W)	6	6.5	6.5	6.5
Lumens per watt (lm/W)	97	85	81	77
Equivalent power (W)	75	77	73	70
Lamp life time (h)	35'000	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="#">Osram</a>	<a href="#">Philips</a>	<a href="#">Girard Sudron</a>	<a href="#">Megaman</a>
Model	LED STAR PAR16 8036° 6,9W/827 GU10	LED 80W GU10 WW 36D D SRT4	Spot LED 7W GU10 3000K 600Lm Dim. Dichroïque COB	Reflector PAR16 dimmbar
Other models	Beam angle 120 / neutral white			
Electricity costs(€ in 15 years)	21	21	21	21
Energy class	A+	A+	A++	A+
Luminous flux (lm)	575	575	650	580
Power (W)	6.9	7	7	7
Lumens per watt (lm/W)	83	82	93	83
Equivalent power (W)	80	80	83	65
Lamp life time (h)	15'000	25'000	35'000	25'000
Switching cycles	100'000	50'000	100'000	1'000'000
Dimmable	no	yes	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	<a href="#">Osram</a>	Inefficient model		
Model	LED Superstar PAR16 80	Halogen		
Other models	Beam angle 120 / neutral white			
Electricity costs(€ in 15 years)	22	150		
Energy class	A+	D		
Luminous flux (lm)	575	350		
Power (W)	7.2	50		
Lumens per watt (lm/W)	80	7		
Equivalent power (W)	80	n/a		
Lamp life time (h)	25'000	2'000		
Switching cycles	100'000	120'000		
Dimmable	yes	yes		
Warm white	yes	yes		
Countries available	on demand			