

GU10, bright

Image				
Brand	Philips	Girard Sudron	Girard Sudron	Philips
Model	LED SSW 50W GU10 WW 36D ND SRT4	Spot LED 6W GU10 3000K 540Lm Dim. COB	Spot LED 7W GU10 3000K 600Lm Dim. Dichroïque COB	LEDClassic 65W GU10 WH 36D ND SRT4
Other models	1.5 and 3 Watt			
Electricity costs(€ in 15 years)	15	18	21	15
Energy class	A+	A++	A++	A++
Luminous flux (lm)		580	650	460
Power (W)	5	6	7	5
Lumens per watt (lm/W)	99	97	93	92
Equivalent power (W)	50	75	83	65
Lamp life time (h)	15'000	35'000	35'000	15'000
Switching cycles	50'000	100'000	100'000	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	Megaman	Girard Sudron	Xnovum	Philips
Model	Reflector PAR16 dimmbar	Spot LED 5W GU10 6500K 440Lm 100° Ch.	LCC Spotform GU10	LEDClassic 50W GU10 WW 36D ND 2BC/6
Other models			38°	
Electricity costs(€ in 15 years)	17	15	15	13.8
Energy class	A+	A++	A+	A+
Luminous flux (lm)	500	440	430	395
Power (W)	5.5	5	5	4.6
Lumens per watt (lm/W)	91	88	86	86
Equivalent power (W)	50	62		50
Lamp life time (h)	25'000	35'000	35'000	15'000
Switching cycles	1'000'000	100'000		50'000
Dimmable	yes	no	yes	no
Warm white	yes	no	yes	yes
Countries available	on demand	on demand	on demand	on demand



Image				
Brand	Sylvania	Sylvania	Girard Sudron	Sylvania
Model	RefLED+ ES50 GU10 5.5W 475lm 840 50° dim	RefLED Superia ES50 GU10 6.5W 550lm 840 40° dim	Spot LED 5W GU10 4000K 420Lm 100° Ch.	RefLED+ ES50 GU10 5.5W 460lm 830 50° dim
Other models		Beam angle 25°		
Electricity costs(€ in 15 years)	17	20	15	17
Energy class	A++	A+	A++	A++
Luminous flux (lm)	475	550	420	460
Power (W)	5.5	6.5	5	5.5
Lumens per watt (lm/W)	86	85	84	84
Equivalent power (W)	67	77	50	65
Lamp life time (h)	25'000	25'000	35'000	25'000
Switching cycles	100'000	100'000	100'000	100'000
Dimmable	yes	yes	no	yes
Warm white	yes	no	no	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Megaman	Osram	Philips	Sylvania
Model	Reflector PAR16 dimmbar	LED STAR PAR16 8036° 6,9W/827 GU10	LED 80W GU10 WW 36D D SRT4	RefLED Superia ES50 GU10 6.5W 525lm 830 40° dim
Other models		Beam angle 120 / neutral white		Beam angle 25°
Electricity costs(€ in 15 years)	21	21	21	20
Energy class	A+	A+	A+	A+
Luminous flux (lm)	580	575	575	525
Power (W)	7	6.9	7	6.5
Lumens per watt (lm/W)	83	83	82	81
Equivalent power (W)	65	80	80	73
Lamp life time (h)	25'000	15'000	25'000	25'000
Switching cycles	1'000'000	100'000	50'000	100'000
Dimmable	yes	no	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Sylvania	Osram	Girard Sudron	Philips
Model	RefLED+ ES50 GU10 5.5W 445lm 827 50° dim	LED STAR PAR16 5036° 4,3W/827 GU10	Spot LED 5W GU10 2700K 400Lm 100° Ch.	LED classic 25W GU10 WW 36D ND SRT4
Other models		Beam angle 120 / neutral white	dimmable	
Electricity costs(€ in 15 years)	17	13	15	8.1
Energy class	A+	A+	A+	A++
Luminous flux (lm)	445	350	400	
Power (W)	5.5	4.3	5	2.7
Lumens per watt (lm/W)	81	81	80	80
Equivalent power (W)	63	50	50	25
Lamp life time (h)	25'000	15'000	35'000	15'000
Switching cycles	100'000	100'000	100'000	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	Osram	Philips	Onlux	Luxram
Model	LED Superstar PAR16 80	LEDClassic 50W GU10 WW 36D WGD SRT4	DeltaLux Florett	LED Spot 2020™ GU10 4W
Other models	Beam angle 120 / neutral white		3000K, 4500K	
Electricity costs(€ in 15 years)	22	15	12	12
Energy class	A+	A+	A++	A+
Luminous flux (lm)	575	395	325	310
Power (W)	7.2	5	4.1	4
Lumens per watt (lm/W)	80	79	79	78
Equivalent power (W)	80	50	50	45
Lamp life time (h)	25'000	15'000	20'000	25'000
Switching cycles	100'000	50'000	100'000	100'000
Dimmable	yes	yes	no	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Sylvania	Philips	Sylvania	Osram
Model	RefLED Superia ES50 GU10 6.5W 500lm 827 40° dim	LED classic 50W GU10 WW 36D ND SRT4	RefLED+ ES50 GU10 5W 380lm 840 40°	LED SUPERSTAR PAR16 5036° 4,6W/827 GU10
Other models	Beam angle 25°			neutral white
Electricity costs(€ in 15 years)	20	14	15	14
Energy class	A+	A+	A+	A+
Luminous flux (lm)	500	355	380	350
Power (W)	6.5	4.6	5	4.6
Lumens per watt (lm/W)	77	77	76	76
Equivalent power (W)	70	50	55	50
Lamp life time (h)	25'000	15'000	25'000	25'000
Switching cycles	100'000	50'000	100'000	100'000
Dimmable	yes	no	no	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Girard Sudron	Inefficient model		
Model	Spot LED 5W GU10 5000K 380Lm 70° Dim.	Halogen		
Other models				
Electricity costs(€ in 15 years)	15	150		
Energy class	A+	D		
Luminous flux (lm)	380	350		
Power (W)	5	50		
Lumens per watt (lm/W)	76	7		
Equivalent power (W)	50	n/a		
Lamp life time (h)	35'000	2'000		
Switching cycles	100'000	120'000		
Dimmable	yes	yes		
Warm white	no	yes		
Countries available	on demand			