

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	Philips	Sylvania
Model	Reflector PAR16 dimmbar	Spot LED 5W GU10 6500K 440Lm 100° Ch.	LEDClassic 50W GU10 WW 36D ND 2BC/6	RefLED+ ES50 GU10 5.5W 475lm 840 50° dim
Other models				
Electricity costs(€ in 15 years)	17	15	13.8	17
Energy class	A+	A++	A+	A++
Luminous flux (lm)	500	440	395	475
Power (W)	5.5	5	4.6	5.5
Lumens per watt (lm/W)	91	88	86	86
Equivalent power (W)	50	62	50	67
Lamp life time (h)	25'000	35'000	15'000	25'000
Switching cycles	1'000'000	100'000	50'000	100'000
Dimmable	yes	no	no	yes
Warm white	yes	no	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Xnovum	Sylvania	Sylvania	Girard Sudron
Model	LCC Spotform GU10	RefLED Superia ES50 GU10 6.5W 550lm 840 40° dim	RefLED+ ES50 GU10 5.5W 460lm 830 50° dim	Spot LED 5W GU10 4000K 420Lm 100° Ch.
Other models	38°	Beam angle 25°		
Electricity costs(€ in 15 years)	15	20	17	15
Energy class	A+	A+	A++	A++
Luminous flux (lm)	430	550	460	420
Power (W)	5	6.5	5.5	5
Lumens per watt (lm/W)	86	85	84	84
Equivalent power (W)		77	65	50
Lamp life time (h)	35'000	25'000	25'000	35'000
Switching cycles		100'000	100'000	100'000
Dimmable	yes	yes	yes	no
Warm white	yes	no	yes	no
Countries available	on demand	on demand	on demand	on demand


Image				
Brand	Osram	Megaman	Philips	Sylvania
Model	LED STAR PAR16 8036° 6,9W/827 GU10	Reflector PAR16 dimmbar	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)	575	580	575	525
Power (W)	6.9	7	7	6.5
Lumens per watt (lm/W)	83	83	82	81
Equivalent power (W)	80	65	80	73
Lamp life time (h)	15'000	25'000	25'000	25'000
Switching cycles	100'000	1'000'000	50'000	100'000
Dimmable	no	yes	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Osram	Sylvania	Philips	Osram
Model	LED STAR PAR16 5036° 4,3W/827 GU10	RefLED+ ES50 GU10 5.5W 445lm 827 50° dim	LED classic 25W GU10 WW 36D ND SRT4	LED Superstar PAR16 80
Other models	Beam angle 120 / neutral white			Beam angle 120 / neutral white
Electricity costs(€ in 15 years)	13	17	8.1	22
Energy class	A+	A+	A++	A+
Luminous flux (lm)	350	445		575
Power (W)	4.3	5.5	2.7	7.2
Lumens per watt (lm/W)	81	81	80	80
Equivalent power (W)	50	63	25	80
Lamp life time (h)	15'000	25'000	15'000	25'000
Switching cycles	100'000	100'000	50'000	100'000
Dimmable	no	yes	no	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Girard Sudron	Onlux	Philips	Luxram
Model	Spot LED 5W GU10 2700K 400Lm 100° Ch.	DeltaLux Florett	LEDClassic 50W GU10 WW 36D WGD SRT4	LED Spot 2020™ GU10 4W
Other models	dimmable	3000K, 4500K		
Electricity costs(€ in 15 years)	15	12	15	12
Energy class	A+	A++	A+	A+
Luminous flux (lm)	400	325	395	310
Power (W)	5	4.1	5	4
Lumens per watt (lm/W)	80	79	79	78
Equivalent power (W)	50	50	50	45
Lamp life time (h)	35'000	20'000	15'000	25'000
Switching cycles	100'000	100'000	50'000	100'000
Dimmable	no	no	yes	yes
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand



Image				
Brand	Philips	Sylvania	Girard Sudron	Osram
Model	LED classic 50W GU10 WW 36D ND SRT4	RefLED Superia ES50 GU10 6.5W 500lm 827 40° dim	Spot LED 5W GU10 5000K 380Lm 70° Dim.	LED SUPERSTAR PAR16 5036° 4,6W/827 GU10
Other models		Beam angle 25°		neutral white
Electricity costs(€ in 15 years)	14	20	15	14
Energy class	A+	A+	A+	A+
Luminous flux (lm)	355	500	380	350
Power (W)	4.6	6.5	5	4.6
Lumens per watt (lm/W)	77	77	76	76
Equivalent power (W)	50	70	50	50
Lamp life time (h)	15'000	25'000	35'000	25'000
Switching cycles	50'000	100'000	100'000	100'000
Dimmable	no	yes	yes	yes
Warm white	yes	yes	no	yes
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Sylvania	Inefficient model		
Model	RefLED+ ES50 GU10 5W 380lm 840 40°	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)	55	n/a		
Lamp life time (h)	25'000	2'000		
Switching cycles	100'000	120'000		
Dimmable	no	yes		
Warm white	yes	yes		
Countries available	on demand			