

E27, medium



Image				
Brand	Sylvania	Xnovum	Philips	Philips
Model	ToLEDo Retro A60 E27 5W 640lm 827 KL	LCC Glühlampenform 6W	LED classic 40W A60 E27 WW CL ND SRT4	LED classic 40W E27 WW P45 CL ND SRT4
Other models	ToLEDo Retro G80 E27 5W 640lm 827 KL			
Electricity costs(€ in 15 years)	15	18	12	12
Energy class	A++	A++	A++	A++
Luminous flux (lm)	640	750	470	470
Power (W)	5	6	4	4
Lumens per watt (lm/W)	128	125	118	118
Equivalent power (W)	50	70	40	40
Lamp life time (h)	15'000	35'000	15'000	15'000
Switching cycles	50'000		20'000	20'000
Dimmable	no	no	no	no
Warm white	yes	yes	yes	yes
Countries available	on demand	on demand	on demand	on demand





Image				
Brand	Osram	Sylvania	Osram	Sylvania
Model	LED SUPERSTAR CL A GL FR 40 dim 4W/827 E27	ToLEDo Retro A60 E27 4W 470lm 840 KL	LED STAR CL A GL FR 40 non-dim 4W/827 E27	ToLEDo Retro A60 E27 4W 470lm 827 WS
Other models				ToLEDo Retro A60 E27 4W 470lm 827 KL different length (115 / 145 mm)
Electricity costs(€ in 15 years)	12	12	12	12
Energy class	A++	A++	A++	A++
Luminous flux (lm)	470	470	470	470
Power (W)	4	4	4	4
Lumens per watt (lm/W)	118	118	118	118
Equivalent power (W)	40	40	40	40
Lamp life time (h)	20'000	15'000	15'000	15'000
Switching cycles	100'000	50'000	100'000	50'000
Dimmable	yes	no	no	no
Warm white	yes	no	yes	yes
Countries available	on demand	on demand	on demand	on demand








Image				
Brand	Osram	Osram	Osram	Osram
Model	LED STAR CL A GL FR 40 non-dim 4W/840 E27	LED RETROFIT CL P 40 4W/827 E27 GL FR	LED Retrofit Classic A 40 FIL	LED STAR CL A FIL 40 non-dim 4W/840 E27
Other models		different Lenght (84 / 143 / 168 mm)	4.5 W	
Electricity costs(€ in 15 years)	12	12	12	12
Energy class	A++	A++	A++	A++
Luminous flux (lm)	470	470	470	470
Power (W)	4	4	4	4
Lumens per watt (lm/W)	118	118	118	118
Equivalent power (W)	40	40	40	40
Lamp life time (h)	15'000	15'000	15'000	15'000
Switching cycles	100'000	100'000	100'000	100'000
Dimmable	no	no	no	no
Warm white	no	yes	yes	no
Countries available	on demand	on demand	on demand	on demand

Image				
Brand	Onlux	Girard Sudron	Osram	Osram
Model	FiLux A60-6C E27	Kugelformen G45 Leuchfaden LED 5W E27 2700K 580Lm.Cl.high lumen	LED RETROFIT DIM CL A 40 4,5W/827 E27 FIL	LED SUPERSTAR CL P GL FR 40 dim 4,5W/827 E27
Other models				LED SUPERSTAR CL P FIL 40 dim 4,5W/827 E27
Electricity costs(€ in 15 years)	13	15	14	14
Energy class	A++	A++	A++	A++
Luminous flux (lm)	504	580	470	470
Power (W)	4.3	5	4.5	4.5
Lumens per watt (lm/W)	117	116	104	104
Equivalent power (W)	44	47	40	40
Lamp life time (h)	25'000	30'000	15'000	20'000
Switching cycles	100'000	100'000	100'000	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	Xnovum	Megaman	Inefficient model	
Model	LCC Glühlampenform 5.5W klar	LED Classic Economy Filament	Halogen	
Other models	5500K			
Electricity costs(€ in 15 years)	17	14	126	
Energy class	A++	A++	C	
Luminous flux (lm)	550	470	630	
Power (W)	5.5	4.8	42	
Lumens per watt (lm/W)	100	98	15	
Equivalent power (W)	55	40	55	
Lamp life time (h)	35'000	15'000	2'000	
Switching cycles		1'000'000	120'000	
Dimmable	yes	no	yes	
Warm white	yes	yes	yes	
Countries available	on demand	on demand	EU	