



LED Program 2023

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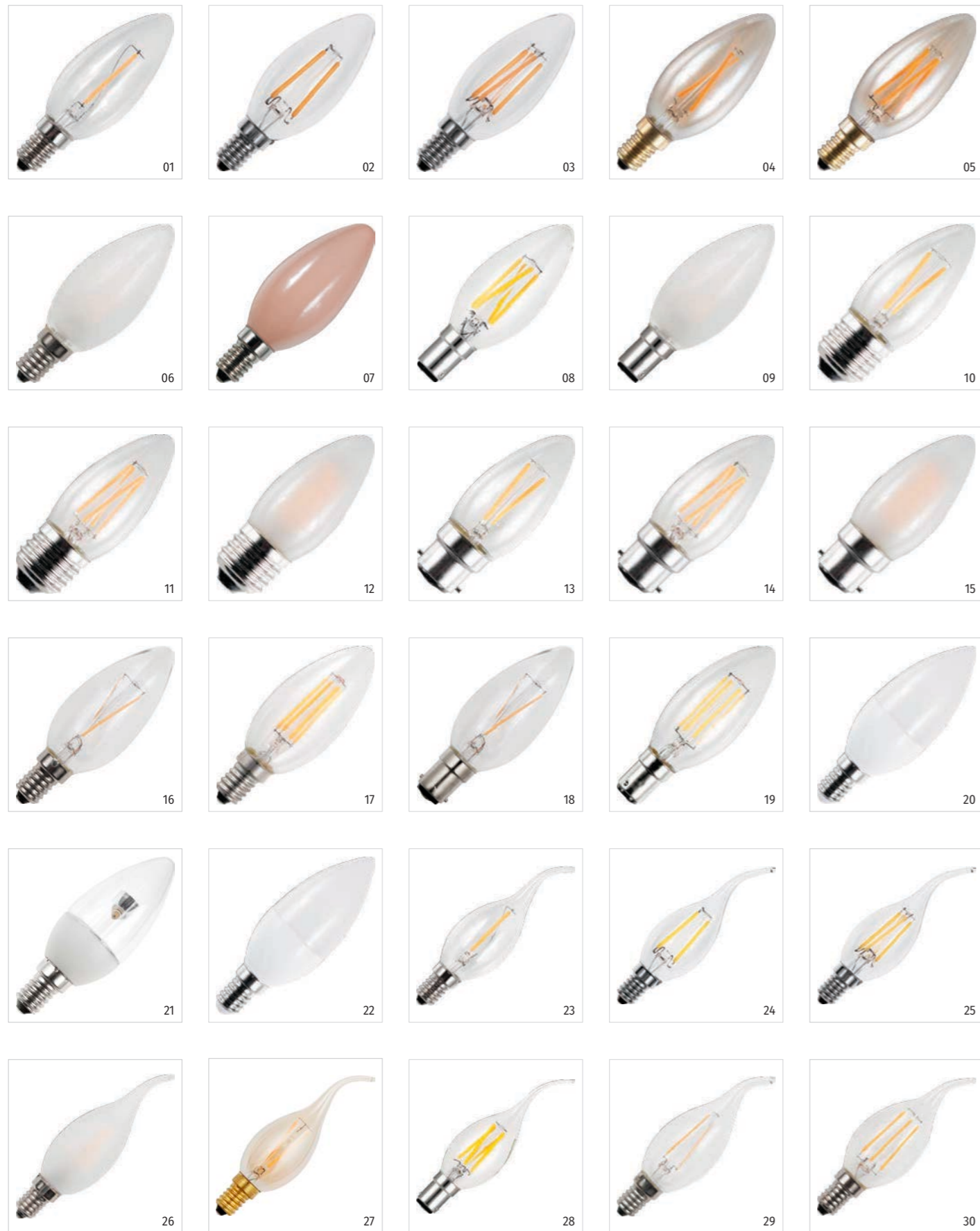
Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumens Candela Lifetime Dimmable Equivalent Class

Miniature		Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumens	Candela	Lifetime	Dimmable	Equivalent	Class
L022450227	LED G4 200Lm 2W 827 360° 12V AC/DC	1	G4	12-15	AC/DC	2.0	0.60	2700	>80	360	190		25000	No	20	A++
022450327	LED G4 300Lm 3W 827 360° 12V AC/DC	2	G4	12-12	AC/DC	3.0	0.50	2700	>80	360	300		30000	Yes	28	A++
022450427	LED G4 Flat 160Lm 1.8W 827 180° 12V AC/DC	3	G4	230-230	AC/DC	1.8	0.60	2700	>80	180	160		30000	No	17	A++
L022451028	LED G4 COB 100Lm 1W 827 360° 12V DC Clear	4	G4	12-12	DC	1.0	1.00	27-28	>80	360	100		30000	Yes	11	A++
L022451427	LED G4 COB 140Lm 1,5W 827 360° 12V AC/DC Non-Dim Clear	5	G4	11-13	AC/DC	1.5	0.65	2700	>80	360	140		20000	No	15	A++
L022451501	LED G4 COB 140Lm 1,5W 827 360° 12V AC/DC Non-Dim Frosted	6	G4	11-13	AC/DC	1.5	0.65	2700	>80	360	140		20000	No	15	A++
022451227-1	LED G4 100Lm 1W 827 350° 12V AC/DC	7	G4	9-14	AC/DC	1.0	0.70	2700	>80	350	100		30000	Yes	11	A++
022451927	LED G4 90Lm 1.2W 827 350° 12V AC/DC	7	G4	12-12	AC/DC	1.2	0.70	3000	>80	350	90		20000	Yes	10	A++
022451235-1	LED G4 120Lm 1.5W 830 360° 12V AC/DC	8	G4	12-12	AC/DC	1.5	0.70	3000	>80	360	120		20000	Yes	13	A++
022451327	LED G4 90Lm 1.5W 827 360° 12V AC/DC	8	G4	12-12	AC/DC	1.5	0.70	2700	>80	360	90		20000	Yes	10	A+
022453027	LED G4 10-30V 12V/60Lm 30V/90Lm 1.2W 827 350°	7	G4	10-60	DC	1.2	1.00	2700	>80	350	90		30000	Yes	10	A++
L022550327	LED GY6.35 350Lm 3.5W 827 360° 12V AC/DC Clear	9	GY6.35	12-12	AC/DC	3.5	0.70	2700	>80	360	380		25000	Yes	34	A++
L022625027	LED T15 WB W2.1x4,9D 240Lm 2.5W 827 360° 12V AC/DC Clear	10	W2.1x9.5D	12-12	AC/DC	2.5	0.70	2700	>80	360	250		25000	No	25	A++
L022340227	LED G9 Glass 190Lm 2W 827 Clear Non-Dim BL	11	G9	220-240	AC	2.0	0.75	2700	>80	330	180		20000	No	19	A++
L022364627	LED G9 FILA T16x46mm 180Lm 2W 828 Non-Dim Clear BL	12	G9	200-240	AC	2.0	0.85	2800	>80	360	180		20000	No	19	A++
L022366037	LED G9 FILA T16x60mm 250Lm 3W 828 Non-Dim Clear BL	13	G9	200-240	AC	3.0	0.85	2800	>80	360	260		20000	No	26	A+
L022341907	LED G9 Flat 180Lm 2W 827 Clear Non-Dim BL	14	G9	200-240	AC	2.0	0.50	2700	>80	360	180		30000	No	19	A++
L022341971	LED G9 Flat 160Lm 2W 827 Frosted Non-Dim BL	15	G9	200-240	AC	2.0	0.50	2700	>80	360	160		30000	No	17	A++
L022352607	LED G9 T16x50mm 350Lm 3,5W 827 Dim Clear BL	16	G9	220-240	AC	3.5	0.95	2700	>80	360	350		30000	Yes	32	A++
L022335897	LED G9 T16x50mm 320Lm 3.5W 827 Non-Dim Clear BL	16	G9	200-240	AC	3.5	0.50	2700	>80	360	320		15000	No	30	A+
L022352671	LED G9 T16x50mm 300Lm 3,5W 827 Dim Frosted BL	17	G9	220-240	AC	3.5	0.95	2700	>80	360	300		30000	Yes	28	A+
L022352681	LED G9 T16x50mm 250Lm 3W 827 Non-Dim Frosted BL	17	G9	200-240	AC	3.0	0.50	2700	>80	360	250		30000	No	25	A+
022315367	LED G9 T15x36mm 100Lm 1.5W 827 Dim Frosted	18	G9	220-230	AC	1.5	0.90	2700	>80	350	100		30000	Yes	11	A++
022336247-1	LED G9 T16x49mm 180Lm 2,5W 828 Dim Frosted	19	G9	200-240	AC	2.5	0.85	2800	>80	360	180		30000	Yes	19	A+
L022336247	LED G9 T16x48mm 190Lm 2,5W 827 Non-Dim Frosted BL	19	G9	220-240	AC	2.5	0.80	2700	>80	320	190		20000	No	20	A+
022325530	LED G9 T16x51mm 200Lm 3W 829 Dim Clear	20	G9	220-220	AC	3.0	0.50	2900	>80	360	200		30000	Yes	21	A+
L022336244	LED G9 T16x48mm 250Lm 2,5W 840 Non-Dim Frosted BL	19	G9	220-240	AC	2.5	0.80	4000	>80	320	250		20000	No	25	A++



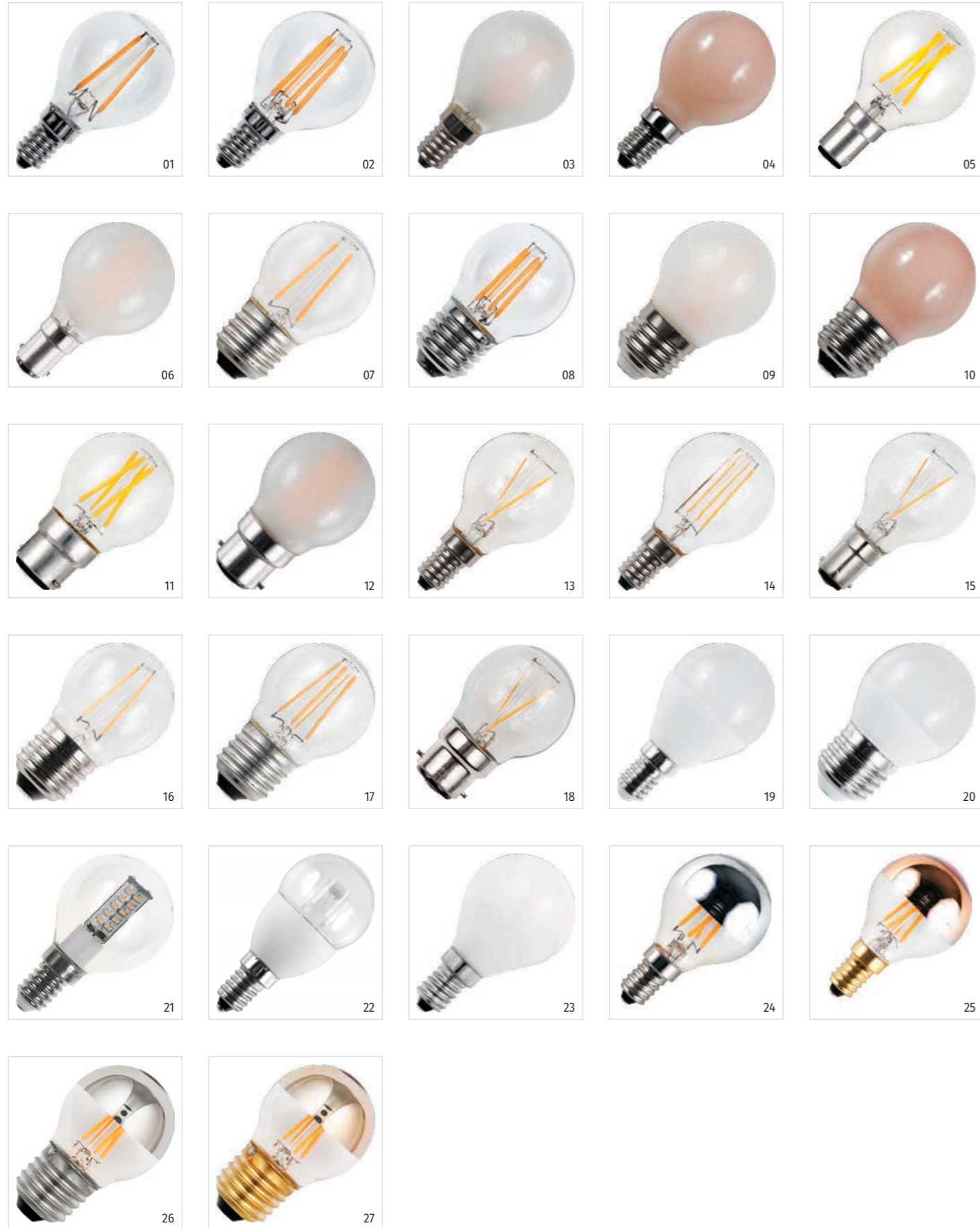
Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Power factor Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Pygmy																
L023826302	E14 FilamentLed P26x56mm 60Lm 1W 925 Non-Dim Clear	1	E14	220-240	AC	1.0	0.50	2500	>90	360	60		25000	No	7	A++
LV023826502	E14 FilamentLed P26x55mm 140Lm 1,5W 925 V-Dim Clear	2	E14	220-240	AC	1.5	0.50	2500	>90	360	140		25000	Yes	15	A++
LV023826321	E14 FilamentLed P26x55mm 100Lm 1,5W 925 V-Dim FLAME	3	E14	220-240	AC	1.5	0.50	1900	>90	360	100		25000	Yes	11	A++
024320027	LED E14 P23x52mm 200Lm 2.3W 827 Non-Dim Clear	4	E14	200-240	AC	2.3	0.50	2700	>80	360	200		30000	No	21	A++
024314027	LED E14 P23x51mm 160Lm 2W 827 Non-Dim Clear	5	E14	200-240	AC	2.0	0.50	2700	>80	360	160		25000	No	17	A++
L024318127	LED E14 P23x51mm 100Lm 1.5W 827 Non-Dim Opal	6	E14	200-240	AC	1.5	0.50	2700	>80	360	100		25000	No	11	A++
024314127	LED E14 P23x51mm 140Lm 2W 827 Non-Dim Opal	6	E14	200-240	AC	2.0	0.50	2700	>80	360	140		25000	No	15	A+
024312027	E14 LED P23x52mm 120Lm 1.5W 827 Non-Dim Opal	6	E14	200-240	AC	1.5	0.50	2700	>80	360	120		30000	No	13	A++



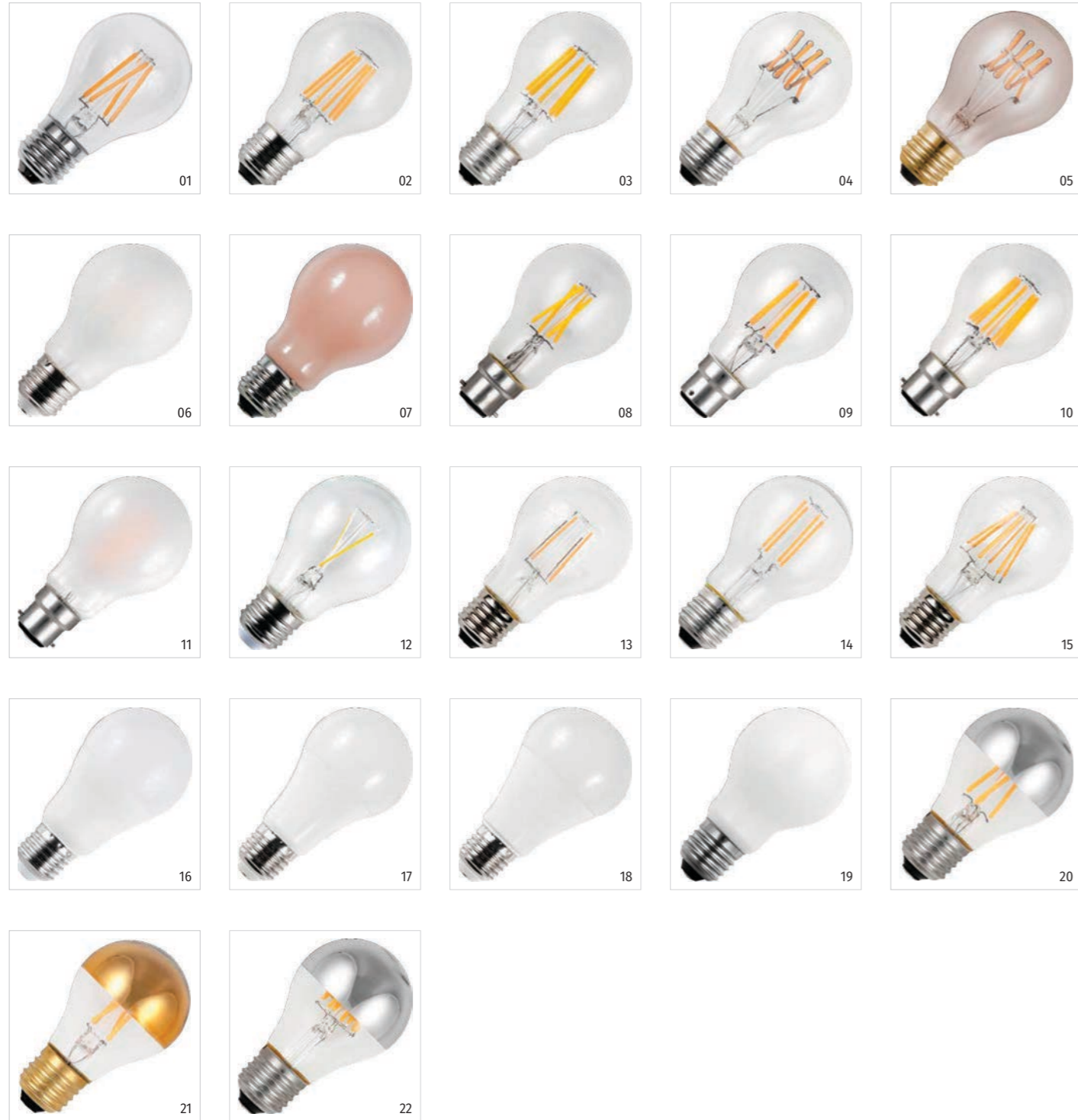
Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Candle																
LV023841009	E14 Filamentled Candle 50Lm 1W 922 Non-Dim Clear	1	E14	220-240	AC	1.0	0.40	2200	>90	360	50		25000	No	5	A+
L023841002	E14 Filamentled Candle 70Lm 1W 925 Non-Dim Clear	1	E14	220-240	AC	1.0	0.40	2500	>90	360	70		25000	No	8	A++
LF023841509	E14 Filamentled Candle 140Lm 1,5W 922 FF Dim Clear	2	E14	220-240	AC	1.5	0.85	2200	>90	360	140		25000	Yes	15	A++
LF023841502	E14 Filamentled Candle 140Lm 1,5W 925 FF Dim Clear	2	E14	220-240	AC	1.5	0.85	2500	>90	360	140		25000	Yes	15	A++
LF023840309	E14 Filamentled Candle 250Lm 4W 922 FF Dim Clear	2	E14	220-240	AC	4.0	0.90	2200	>90	360	250		25000	Yes	25	A+
LF023840302	E14 Filamentled Candle 320Lm 4W 925 FF Dim Clear	3	E14	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
L023841505	E14 Filamentled Candle 130Lm 1,5W 922 V-Dim Gold	4	E14	220-240	AC	1.5	0.50	2200	>90	360	130		25000	Yes	14	A++
L023840305	E14 Filamentled Candle 250Lm 4W 922 Dim Gold	5	E14	220-240	AC	4.0	0.90	2200	>90	360	250		25000	Yes	25	A+
LF023840308	E14 Filamentled Candle 250Lm 4W 925 FF Dim OPAL	6	E14	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
L023840321	E14 Filamentled Candle 180Lm 4W Dim FLAME	7	E14	220-240	AC	4.0	0.85	1900	>80	360	180		25000	Yes	19	A
L024040302	Ba15d Filamentled Candle 300Lm 4W 925 Dim Clear	8	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	300		25000	Yes	28	A+
LF024040301	Ba15d Filamentled Candle 320Lm 4W 925 FF Dim Frosted	9	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
L023861502	E27 Filamentled Candle 150Lm 1,5W 925 Dim Clear	10	E27	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
L023861302	E27 Filamentled Candle 300Lm 4W 925 Dim Clear	11	E27	220-240	AC	4.0	0.90	2500	>90	360	300		25000	Yes	28	A+
L023861501	E27 Filamentled Candle 150Lm 1,5W 925 Dim Frosted	12	E27	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
LF023861301	E27 Filamentled Candle 320Lm 4W 925 FF Dim Frosted	12	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
L024061502	Ba22d Filamentled Candle 150Lm 1,5W 925 Dim Clear	13	Ba22d	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
L024061302	Ba22d Filamentled Candle 300Lm 4W 925 Dim Clear	14	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	300		25000	Yes	28	A+
LF024061501	Ba22d Filamentled Candle 140Lm 1,5W 925 FF Dim Frosted	15	Ba22d	220-240	AC	1.5	0.85	2500	>90	360	150		25000	Yes	16	A++
LF024061301	Ba22d Filamentled Candle 320Lm 4W 925 FF Dim Frosted	15	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
L149115021	E14 Fila basic Candle 150Lm 1,9W 821 Non-Dim Clear	16	E14	230-230	AC	1.9	0.50	2100	>80	360	150		15000	No	16	A++
L149115027	E14 Fila basic Candle 180Lm 1,9W 827 Non-Dim Clear	16	E14	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
L149124922	E14 Fila basic Candle 250Lm 4W 822 Dim Clear	17	E14	230-230	AC	4.0	0.90	2200	>80	360	250		15000	Yes	25	A+
L149130927	E14 Fila basic Candle 320Lm 4W 827 Dim Clear	17	E14	230-230	AC	4.0	0.90	2700	>80	360	320		15000	Yes	30	A+
L149116027	E14 Fila basic Candle 160Lm 1,9W 827 Non-Dim Frosted	8	E14	230-230	AC	1.9	0.50	2700	>80	360	180		15000	No	19	A++
L149127027	E14 Fila basic Candle 300Lm 4W 827 Dim Frosted	8	E14	230-230	AC	4.0	0.90	2700	>80	360	300		15000	Yes	28	A+
L159115027	Ba15d Fila basic Candle 180Lm 1,9W 827 Non-Dim Clear	18	Ba15d	230-230	AC	1.9	0.50	2700	>80	360	180		15000	No	19	A++
L159124927	Ba15d Fila basic Candle 400Lm 4W 827 Dim Clear	19	Ba15d	230-230	AC	4.0	0.85	2700	>80	360	400		15000	Yes	35	A++
L149125001	E14 LED CTA Candle 250Lm 4w 2700K-2200K Dim Opal	20	E14	220-240	AC	4.0	0.75	22-27	>90	270	250		25000	Yes	25	A+
L149147001	E14 LED CTA Candle 450Lm 6w 2700K-2200K Dim Opal	20	E14	220-240	AC	6.0	0.85	22-27	>90	270	450		25000	Yes	39	A+
028140412	E14 LED Candle 200Lm 4W 827 Dim Clear	21	E14	220-240	AC	4.0	0.80	2700	>80	150	200		25000	Yes	21	A
028140413	E14 LED Candle 200Lm 4W 830 Dim Clear	21	E14	220-240	AC	4.0	0.80	3000	>80	150	200		25000	Yes	21	A
L149147037	E14 LED Candle 470Lm 5W 827 Dim Opal	22	E14	220-240	AC	5.0	0.80	2700	>80	150	470		15000	Yes	40	A+
LB149125027	E14 LED Candle 250Lm 3.5W 827 Non-Dim Opal	22	E14	90-260	AC	3.5	0.50	2700	>80	180	250		20000	No	25	A+
026140412	E14 LED Candle 200Lm 4W 827 Dim Opal	22	E14	220-240	AC	4.0	0.80	2700	>80	150	200		25000	Yes	21	A
L023851009	E14 Filamentled Tip-Candle 65Lm 1W 922 Non-Dim Clear	23	E14	220-240	AC	1.0	0.40	2200	>90	360	65		25000	No	7	A++
L023851002	E14 Filamentled Tip-Candle 70Lm 1W 925 Non-Dim Clear	23	E14	220-240	AC	1.0	0.50	2500	>90	360	70		25000	No	8	A++
L023851509	E14 Filamentled Tip-Candle 135Lm 1,5W 922 Dim Clear	24	E14	220-240	AC	1.5	0.85	2200	>90	360	135		25000	Yes	15	A++
LF023851502	E14 Filamentled Tip-Candle 140Lm 1,5W 925 FF Dim Clear	24	E14	220-240	AC	1.5	0.85	2500	>90	360	140		25000	Yes	15	A++
L023850309	E14 Filamentled Tip-Candle 280Lm 4W 922 Dim Clear	25	E14	220-240	AC	4.0	0.90	2200	>90	360	280		25000	Yes	27	A+
L023850302	E14 Filamentled Tip-Candle 300Lm 4W 925 Dim Clear	25	E14	220-240	AC	4.0	0.90	2500	>90	360	300		25000	Yes	28	A+
L023850301	E14 Filamentled Tip-Candle 280Lm 4W 925 Dim Frosted	26	E14	220-240	AC	4.0	0.90	2500	>90	360	280		25000	Yes	27	A+
LF023859505	E14 Filamentled Tip-Candle 140Lm 1,5W 922 FF Dim GOLD	27	E14	220-240	AC	1.5	0.90	2200	>90	360	140		25000	Yes	15	A++
L024050302	Ba15d Filamentled Tip-Candle 300Lm 4W 925 Dim Clear	28	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	300		25000	Yes	28	A+
L149315021	E14 Fila basic TIP-Candle 150Lm 1,9W 821 Non-Dim Clear	29	E14	230-230	AC	1.9	0.50	2700	>80	360	150		15000	No	16	A++
L149315027	E14 Fila basic TIP-Candle 170Lm 1,9W 827 Non-Dim Clear	29	E14	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
L149324021	E14 Fila basic TIP-Candle 270Lm 4W 821 Dim Clear	30	E14	230-230	AC	4.0	0.90	2100	>80	360	270		15000	Yes	26	A+
L149330027	E14 Fila basic TIP-Candle 320Lm 4W 827 Dim Clear	30	E14	230-230	AC	4.0	0.90	2700	>80	360	320		15000	Yes	30	A+
L149316027	E14 Fila basic TIP-Candle 160Lm 1,9W 827 Non-Dim Frosted	26	E14	230-230	AC	1.9	0.50	2700	>80	360	160		15000	No	17	A++
L149327027	E14 Fila basic TIP-Candle 300Lm 4W 827 Dim Frosted	26	E14	230-230	AC	4.0	0.90	2700	>80	360	300		15000	Yes	28	A+



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Power factor Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Pygmy																
L159315027	Ba15d Fila basic TIP-Candle 170Lm 1,9W 827 Non-Dim Clear	1	Ba15d	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
023950402	E14 LED Tip Candle 145Lm 3W 827 Non-Dim Clear	2	E14	230-230	AC	3.0	0.90	2700	>80	300	145		20000	Yes	16	A+
023951402	E14 LED Tip Candle 135Lm 3W 827 Non-Dim Frosted	3	E14	230-230	AC	3.0	0.90	2700	>80	300	135		20000	Yes	15	A
L023811509	E14 Filamentled TW-Candle 130Lm 1,5W 922 Dim Clear	4	E14	220-240	AC	1.5	0.50	2200	>90	360	130		25000	Yes	14	A++
L023810309	E14 Filamentled TW-Candle 280Lm 4W 922 Dim Clear	5	E14	220-240	AC	4.0	0.90	2200	>90	360	280		25000	Yes	27	A+
L023811501	E14 Filamentled TW-Candle 150Lm 1,5W 925 Dim Frosted	5	E14	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
LF023810301	E14 Filamentled TW-Candle 320Lm 4W 925 FF Dim Frosted	6	E14	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
LF023811505	E14 Filamentled TW-Candle 140Lm 1,5W 922 FF Dim GOLD	7	E14	220-240	AC	1.5	0.80	2200	>90	360	140		25000	Yes	15	A++
L023810305	E14 Filamentled TW-Candle 240Lm 4W 922 Dim GOLD	8	E14	220-240	AC	4.0	0.90	2200	>90	360	240		25000	Yes	24	A+
L024010302	Ba15d Filamentled TW-Candle 280Lm 4W 925 Dim Clear	9	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	280		25000	Yes	27	A+
L024010305	Ba15d Filamentled TW-Candle 270Lm 4W 925 Dim GOLD	10	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	270		25000	Yes	26	A+



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Ball																
LF023831509	E14 Filamentled Ball 140Lm 1,5W 922 FF Dim Clear	1	E14	220-240	AC	1.5	0.85	2200	>90	360	140		25000	Yes	15	A++
LF023831502	E14 Filamentled Ball 140Lm 1,5W 925 FF Dim Clear	1	E14	220-240	AC	1.5	0.85	2500	>90	360	140		25000	Yes	15	A++
LF023830309	E14 Filamentled Ball 250Lm 4W 922 FF Dim Clear	2	E14	220-240	AC	4.0	0.90	2200	>90	360	250		25000	Yes	25	A+
LF023830302	E14 Filamentled Ball 320Lm 4W 925 FF Dim Clear	2	E14	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023830308	E14 Filamentled Ball 250Lm 4W 925 FF Dim OPAL	3	E14	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
LF023830321	E14 Filamentled Ball 250Lm 4W 819 FF Dim FLAME	4	E14	220-240	AC	4.0	0.85	1900	>80	360	250		25000	Yes	25	A+
LF024030307	Ba15d Filamentled Ball 320Lm 4W 927 FF Dim Clear	5	Ba15d	220-240	AC	4.0	0.90	2700	>90	360	320		25000	Yes	30	A+
LF024031501	Ba15d Filamentled Ball 140Lm 1,5W 925 FF Dim Frosted	6	Ba15d	220-240	AC	1.5	0.80	2500	>90	360	140		25000	Yes	15	A++
LF024030301	Ba15d Filamentled Ball 320Lm 4W 925 FF Dim Frosted	6	Ba15d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023821509	E27 Filamentled Ball 140Lm 1,5W 922 FF Dim Clear	7	E27	220-240	AC	1.5	0.85	2200	>90	360	140		25000	Yes	15	A++
LF023821502	E27 Filamentled Ball 140Lm 1,5W 925 FF Dim Clear	7	E27	220-240	AC	1.5	0.85	2500	>90	360	140		25000	Yes	15	A++
LF023820309	E27 Filamentled Ball 250Lm 4W 922 FF Dim Clear	8	E27	220-240	AC	4.0	0.90	2200	>90	360	250		25000	Yes	25	A+
LF023820302	E27 Filamentled Ball 320Lm 4W 925 FF Dim Clear	8	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023820308	E27 Filamentled Ball 250Lm 4W 925 FF Dim OPAL	9	E27	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
LF023820321	E27 Filamentled Ball 250Lm 4W 819 FF Dim FLAME	10	E27	220-240	AC	4.0	0.85	1900	>80	360	250		25000	Yes	25	A+
LF024020302	Ba22d Filamentled Ball 320Lm 4W 925 FF Dim Clear	11	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF024020307	Ba22d Filamentled Ball 320Lm 4W 927 FF Dim Clear	11	Ba22d	220-240	AC	4.0	0.90	2700	>90	360	320		25000	Yes	30	A+
L024021501	Ba22d Filamentled Ball 150Lm 1,5W 925 Dim Frosted	12	Ba22d	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
LF024020301	Ba22d Filamentled Ball 320Lm 4W 925 FF Dim Frosted	12	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
L147215021	E14 Fila basic Ball 150Lm 1,9W 821 Non-Dim Clear	13	E14	230-230	AC	1.9	0.50	2100	>80	360	150		15000	No	16	A++
L147215027	E14 Fila basic Ball 170Lm 1,9W 827 Non-Dim Clear	13	E14	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
L147216027	E14 Fila basic Ball 160Lm 1,9W 827 Non-Dim Frosted	3	E14	230-230	AC	1.9	0.50	2700	>80	360	160		15000	No	17	A++
L147225021	E14 Fila basic Ball 270Lm 4W 821 Dim Clear	14	E14	230-230	AC	4.0	0.90	2700	>80	360	270		15000	Yes	26	A+
L147230927	E14 Fila basic Ball 400Lm 4W 827 Dim Clear	14	E14	230-230	AC	4.0	0.90	2700	>80	360	400		15000	Yes	35	A++
L147227027	E14 Fila basic Ball 300Lm 4W 827 Dim Frosted	3	E14	230-230	AC	4.0	0.90	2700	>80	360	300		15000	Yes	28	A+
L157215027	Ba15d Fila basic Ball 170Lm 1,9W 827 Non-Dim Clear	15	Ba15d	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
L277215922	E27 Fila basic Ball 140Lm 2W 822 Non-Dim Clear	16	E27	230-230	AC	1.9	0.50	2200	>80	360	140		15000	No	15	A+
L277215927	E27 Fila basic Ball 140Lm 2W 827 Non-Dim Clear	16	E27	230-230	AC	2.0	0.50	2700	>80	360	140		15000	No	15	A+
L277225922	E27 Fila basic Ball 250Lm 4W 822 Dim Clear	17	E27	230-230	AC	3.0	0.90	2200	>80	360	250		15000	Yes	25	A+
L277230927	E27 Fila basic Ball 320Lm 4W 827 Dim Clear	17	E27	230-230	AC	4.0	0.90	2700	>80	360	400		15000	Yes	35	A++
L277216027	E27 Fila basic Ball 160Lm 1,9W 827 Non-Dim Frosted	9	E27	230-230	AC	1.9	0.50	2700	>80	360	160		15000	No	17	A++
L277227027	E27 Fila basic Ball 300Lm 4W 827 Dim Frosted	9	E27	230-230	AC	4.0	0.90	2700	>80	360	300		15000	Yes	28	A+
L227215027	Ba22d Fila basic Ball 180Lm 2W 827 Non-Dim Clear	18	Ba22d	230-230	AC	2.0	0.50	2700	>80	360	180		15000	No	19	A++
L147225001	E14 LED CTA Ball 250Lm 4w 2700-2200K Dim Opal	19	E14	220-240	AC	4.0	0.75	22-27	>90	200	250		25000	Yes	25	A+
L147247001	E14 LED CTA Ball 450Lm 6w 2700-2200K Dim Opal	19	E14	220-240	AC	6.0	0.85	22-27	>90	200	450		25000	Yes	39	A+
L147247037	E14 LED Ball 470Lm 5W 827 Dim Opal	19	E14	220-240	AC	5.0	0.80	2700K	>80	150	470		15000	Yes	40	A+
LB147240027	LED E14 Ball 400Lm 5W 827 Non-Dim Opal	19	E14	90-260	AC	5.0	0.50	2700	>80	220	400		20000	No	35	A+
L277225001	E27 LED CTA Ball 250Lm 4w 2700-2200K Dim Opal	20	E27	220-240	AC	4.0	0.75	22-27	>90	200	250		25000	Yes	25	A+
L277247001	E27 LED CTA Ball 450Lm 6w 2700-2200K Dim Opal	20	E27	220-240	AC	6.0	0.85	22-27	>90	200	450		25000	Yes	39	A+
023960302	E14 LED Ball 85Lm 3W 827 Non-Dim Clear	21	E14	230-230	AC	3.0	0.90	2700	>80	300	85		20000	Yes	9	B
028140422	E14 LED Ball 200Lm 4W 827 Dim Clear	22	E14	220-240	AC	4.0	0.80	2700	>80	150	200		25000	Yes	21	A
023961302	E14 LED Ball 75Lm 3W 827 Non-Dim Frosted	23	E14	230-230	AC	3.0	0.90	2700	>80	150	75		20000	Yes	8	B
L277247037	E27 LED Ball G45x78mm 470Lm 5W 2700K 827 Dim Opal	20	E27	220-240	AC	5.0	0.80	2700	>80	150	470		15000	Yes	40	A+
LB277240027	E27 LED Ball 400Lm 5W 827 Non-Dim Opal	20	E27	90-260	AC	5.0	0.50	2700	>80	220	400		20000	No	35	A+
028270422	E27 LED Ball 200Lm 4W 827 Dim Clear	22	E27	220-240	AC	4.0	0.80	2700	>80	150	200		25000	Yes	21	A
028270423	E27 LED Ball 200Lm 4W 830 Dim Clear	22	E27	220-240	AC	4.0	0.80	3000	>80	150	200		25000	Yes	21	A
LF023870312	E14 Filamentled Ball T-M 250Lm 4W 925 FF Dim SILVER	24	E14	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
LF023871312	E14 Filamentled Ball T-M 250Lm 4W 925 FF Dim GOLD	25	E14	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
L023880319	E27 Filamentled Ball T-M 150Lm 4W 922 Dim SILVER	26	E27	220-240	AC	4.0	0.90	2200	>90		150		25000	Yes	16	A
LF023880312	E27 Filamentled Ball T-M 250Lm 4W 925 FF Dim SILVER	26	E27	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
L023881319	E27 Filamentled Ball T-M 150Lm 4W 922 Dim GOLD	27	E27	220-240	AC	4.0	0.90	2200	>90		150		25000	Yes	16	A
LF023881312	E27 Filamentled Ball T-M 250Lm 4W 925 FF Dim GOLD	27	E27	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+



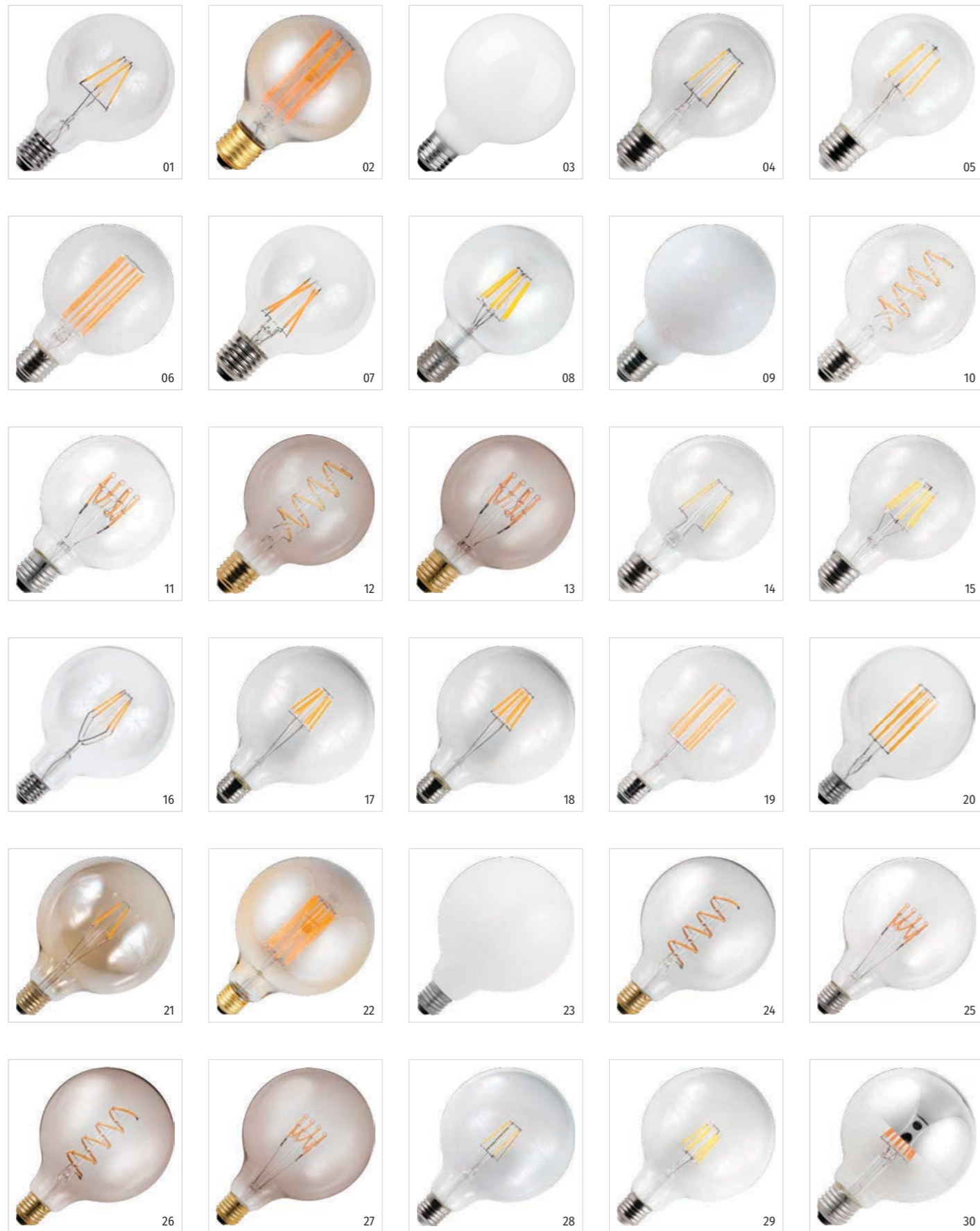
Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
GLS																
LF023871302	E27 Filamentled GLS 320Lm 4W 925 FF Dim Clear	1	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023870302	E27 Filamentled GLS 320Lm 4W 925 FF Dim Clear	1	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023870509	E27 Filamentled GLS 400Lm 5,5W 922 FF Dim Clear	2	E27	220-240	AC	5.5	0.90	2200	>90	360	400		25000	Yes	35	A+
L023870502	E27 Filamentled GLS 430Lm 5,5W 925 Dim Clear	2	E27	220-240	AC	5.5	0.90	2500	>90	360	430		25000	Yes	37	A+
L023870609	E27 Filamentled GLS 500Lm 6,5W 922 Dim Clear	3	E27	220-240	AC	6.5	0.90	2200	>90	360	500		25000	Yes	42	A+
LF023870602	E27 Filamentled GLS 550Lm 6,5W 925 FF Dim Clear	3	E27	220-240	AC	6.5	0.85	2500	>90	360	550		25000	Yes	45	A+
LF023970309	E27 Filamentled Flex GLS 190Lm 4,5W 922 FF Dim Clear	4	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A
LF023970305	E27 Filamentled Flex GLS 140Lm 4,5W 922 FF Dim GOLD	5	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B
LF023870308	E27 Filamentled GLS 250Lm 4W 925 FF Dim OPAL	6	E27	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
LF023870508	E27 Filamentled GLS 400Lm 5,5W 925 FF Dim OPAL	6	E27	220-240	AC	5.5	0.90	2500	>90	360	400		25000	Yes	35	A+
LF023870608	E27 Filamentled GLS 470Lm 6,5W 925 FF Dim OPAL	6	E27	220-240	AC	6.5	0.90	2500	>90	360	470		25000	Yes	40	A+
LF023870321	E27 Filamentled GLS 250Lm 4W 819 FF Dim FLAME	7	E27	220-240	AC	4.0	0.85	1900	>80	360	250		25000	Yes	25	A+
L024070302	Ba22d Filamentled GLS 320Lm 4W 925 Dim Clear	8	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	310		25000	Yes	29	A+
L024070502	Ba22d Filamentled GLS 430Lm 5,5W 925 Dim Clear	9	Ba22d	220-240	AC	5.5	0.90	2500	>90	360	430		25000	Yes	37	A+
L024070507	Ba22d Filamentled GLS 470Lm 5,5W 927 Dim Clear	9	Ba22d	220-240	AC	5.5	0.90	2700	>90	360	470		25000	Yes	40	A+
L024070602	Ba22d Filamentled GLS 520Lm 6,5W 925 Dim Clear	10	Ba22d	220-240	AC	6.5	0.90	2500	>90	360	520		25000	Yes	43	A+
L024070607	Ba22d Filamentled GLS 540Lm 6,5W 927 Dim Clear	10	Ba22d	220-240	AC	6.5	0.90	2700	>90	360	540		25000	Yes	44	A+
L024070201	Ba22d Filamentled GLS 150Lm 1,5W 925 Dim Frosted	11	Ba22d	220-240	AC	1.5	0.50	2500	>90	360	150		25000	Yes	16	A++
LF024070301	Ba22d Filamentled GLS 320Lm 4W 925 FF Dim Frosted	11	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF024070501	Ba22d Filamentled GLS 400Lm 5,5W 925 FF Dim Frosted	11	Ba22d	220-240	AC	5.5	0.90	2500	>90	360	400		25000	Yes	35	A+
L024070601	Ba22d Filamentled GLS 500Lm 6,5W 2925 Dim Frosted	11	Ba22d	220-240	AC	6.5	0.90	2500	>90	360	500		25000	Yes	42	A+
LB226081027	Ba22d LED GLS 10W 810Lm 827 Non-Dim Opal	23	Ba22d	90-260	AC	10.0	0.50	2700	>80	220	810		20000	No	60	A+
L276025027	E27 Fila basic GLS 250Lm 2,8W 827 Non-Dim Clear	12	E27	230-230	AC	2.8	0.50	2700	>80	360	250		15000	No	25	A++
L276032021	E27 Fila basic GLS 300Lm 4W 821 Dim Clear	13	E27	230-230	AC	4.0	0.85	2100	>80	360	300		15000	Yes	28	A+
L276032922	E27 Fila basic GLS 320Lm 4W 822 Dim Clear	14	E27	230-230	AC	4.0	0.85	2200	>80	360	320		15000	Yes	30	A+
L276038927	E27 Fila basic GLS 470Lm 4,5W 827 Dim Clear	14	E27	230-230	AC	4.0	0.90	2700	>80	360	400		15000	Yes	35	A++
L276050027	E27 Fila basic GLS 450Lm 4,5W 827 Non-Dim Clear	13	E27	230-230	AC	4.5	0.50	2700	>80	360	450		15000	No	39	A+
L276060021	E27 Fila basic GLS 500Lm 6,5W 821 Dim Clear	15	E27	230-230	AC	6.5	0.90	2100	>80	360	500		15000	Yes	42	A+
L276070927	E27 Fila basic GLS 700Lm 6,5W 827 Dim Clear	3	E27	230-230	AC	6.5	0.90	2700	>80	360	640		15000	Yes	50	A+
L276023027	E27 Fila basic GLS 230Lm 2,8W 827 Non-Dim Frosted	6	E27	230-230	AC	2.8	0.50	2700	>80	360	230		15000	No	23	A+
L276037027	E27 Fila basic GLS 400Lm 4W 827 Non-Dim Frosted	6	E27	230-230	AC	4.0	0.50	2700	>80	360	400		15000	No	35	A++
L276040027	E27 Fila basic GLS 400Lm 4,5W 827 Dim Frosted	6	E27	230-230	AC	4.5	0.90	2700	>80	360	400		15000	Yes	35	A+
L276065027	E27 Fila basic GLS 650Lm 6,5W 827 Dim Frosted	6	E27	230-230	AC	6.5	0.90	2700	>80	360	650		15000	Yes	51	A+
L276080927	E27 Fila basic GLS 806Lm 8W 827 Dim Frosted	6	E27	220-240	AC	8.0	0.90	2700	>80	360	810		15000	Yes	60	A+
L276047001	E27 LED CTA GLS 470Lm 7W 2700K-2200K Dim Opal	16	E27	220-240	AC	7.0	0.85	22-27	>90	270	470		25000	Yes	40	A+
L276081001	E27 LED CTA GLS 810Lm 11W 2700K-2200K Dim Opal	16	E27	220-240	AC	11.0	0.95	22-27	>90	270	810		25000	Yes	60	A+
L276505501	E27 LED CTA GLS 1055Lm 14w 2700K-2200KDim Opal	17	E27	220-240	AC	14.0	0.95	22-27	>90	270	1055		25000	Yes	75	A
L276047037	E27 LED GLS 470Lm 6W 2700K 827 Dim Opal	16	E27	230-230	AC	6.0	0.85	2700	>80	200	470		25000	Yes	40	A+
L276081037	E27 LED GLS 810Lm 10W 2700K 827 Dim Opal	16	E27	220-240	AC	10.0	0.95	2700	>80	200	810		25000	Yes	60	A+
L276510537	E27 LED GLS 1055Lm 12W 2700K 827 Dim Opal	18	E27	220-240	AC	12.0	0.90	2700	>80	200	1055		25000	Yes	75	A+
L276715037	E27 LED GLS 1500Lm 15W 2700K 827 Dim Opal	18	E27	230-230	AC	15.0	0.95	2700	>80	200	1500		25000	Yes	99	A+
LB276081027	E27 LED GLS 810Lm 10W 827 Non-Dim Opal	16	E27	90-260	AC	10.0	0.50	2700	>80	220	810		20000	No	60	A+
LB270097027	E27 LED GLS 970Lm 12W 827 Non-Dim Opal	16	E27	90-260	AC	12.0	0.50	2700	>80	220	970		20000	No	70	A+
L276025527	E27 LED GLS 470Lm 5W 827 Non-Dim Opal	19	E27	100-250	AC	5.0	0.50	2700	>80	330	470		15000	No	40	A+
L276025727	E27 LED GLS 630Lm 7W 827 Non-Dim Opal	19	E27	100-250	AC	7.0	0.50	2700	>80	330	630		15000	No	50	A+
L023890319	E27 Filamentled GLS T-M 210Lm 4W 922 Dim SILVER	20	E27	220-240	AC	4.0	0.90	2200	>90		210		25000	Yes	22	A
LF023890319	E27 Filamentled GLS T-M 190Lm 4W 922 FF Dim SILVER	20	E27	220-240	AC	4.0	0.90	2200	>90		190		25000	Yes	20	A
LF023890312	E27 Filamentled GLS T-M 250Lm 4W 925 FF Dim SILVER	20	E27	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
LF023890312	E27 Filamentled GLS T-M 250Lm 4W 925 FF Dim SILVER	20	E27	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
LF023891319	E27 Filamentled GLS T-M 190Lm 4W 922 FF Dim GOLD	21	E27	220-240	AC	4.0	0.90	2200	>90		190		25000	Yes	20	A
LF023891312	E27 Filamentled GLS T-M 250Lm 4W 925 FF Dim GOLD	21	E27	220-240	AC	4.0	0.90	2500	>90		250		25000	Yes	25	A+
LF023890512	E27 Filamentled GLS T-M 400Lm 6,5W 925 FF Dim SILVER	22	E27	220-240	AC	6.5	0.90	2500	>90		400		25000	Yes	35	A



Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumen Candela Lifetime Dimmable Equivalent Class

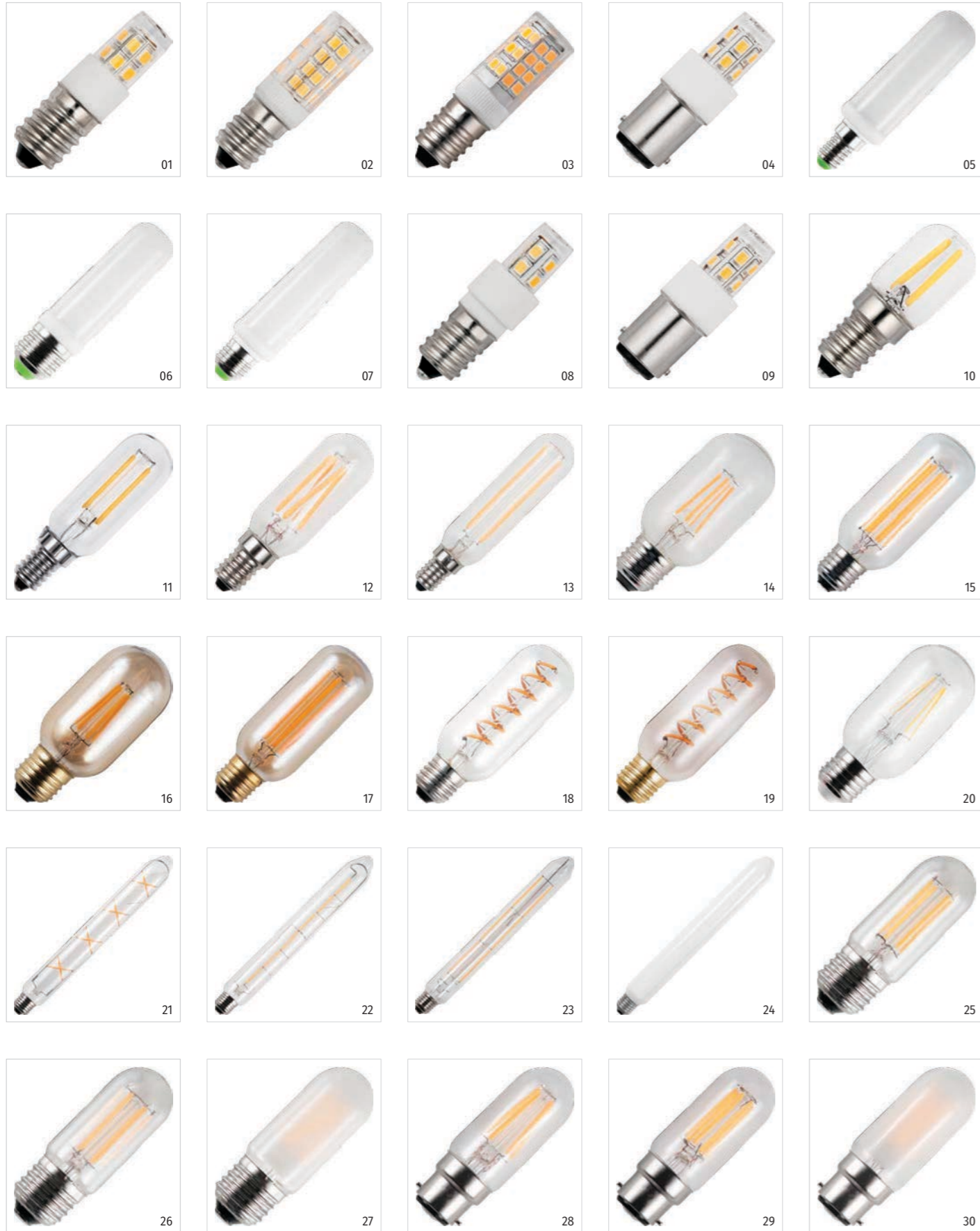
Rustika																
Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class		
LF023860302	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+		
LF023860502	E27	220-240	AC	5.5	0.90	2500	>90	360	470		25000	Yes	40	A+		
LF023860505	E27	220-240	AC	5.5	0.90	2200	>90	360	400		25000	Yes	35	A+		
L024060302	Ba22d	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+		
L024060505	Ba22d	220-240	AC	5.5	0.90	2200	>90	360	380		25000	Yes	34	A+		
LF024060507	Ba22d	220-240	AC	6.5	0.85	2700	>90	360	550		25000	Yes	45	A+		
L275832027	E27	230-230	AC	4.5	0.90	2700	>80	360	450		15000	Yes	39	A+		
L275875027	E27	230-230	AC	6.5	0.90	2700	>80	360	700		15000	Yes	54	A+		
LF023860603	E27	220-240	AC	6.5	0.90	1800	>90	360	400		25000	Yes	35	A		
LF023860209	E27	220-240	AC	2.5	0.90	2200	>90	360	190		25000	Yes	20	A+		
L023860409	E27	220-240	AC	4.5	0.90	2200	>90	360	320		25000	Yes	30	A+		
LF023860609	E27	220-240	AC	6.5	0.90	2200	>90	360	470		25000	Yes	40	A+		
LF023860605	E27	220-240	AC	6.5	0.90	2200	>90	360	400		25000	Yes	35	A		
LF023960309	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A		
LF023960305	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B		
L024060609	Ba22d	220-240	AC	6.0	0.90	2200	>90	360	480		25000	Yes	41	A+		
L024060602	Ba22d	220-240	AC	6.0	0.90	2500	>90	360	500		25000	Yes	42	A+		



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Globe																
LF023810319	E27 Filamentled G80 320Lm 4W 922 FF Dim Clear	1	E27	220-240	AC	4.0	0.90	2200	>90	360	320		25000	Yes	30	A+
LF023810302	E27 Filamentled G80 320Lm 4W 925 FF Dim Clear	1	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023815505	E27 Filamentled G80 400Lm 6,5W 922 FF Dim GOLD	2	E27	220-240	AC	6.5	0.90	2200	>90	360	400		25000	Yes	35	A
L023810308	E27 Filamentled G80 280Lm 4W 925 Dim OPAL	3	E27	220-240	AC	4.0	0.90	2500	>90	360	280		25000	Yes	27	A+
L278032027	E27 Fila basic G80 450Lm 4,5W 827 Dim Clear	4	E27	230-230	AC	4.5	0.90	2700	>80	360	450		15000	Yes	39	A+
L278075027	E27 Fila basic G80 700Lm 6,5W 827 Dim Clear	5	E27	230-230	AC	6.5	0.90	2700	>80	360	700		15000	Yes	54	A+
LF023880603	E27 Filamentled G95 400Lm 6,5W 918 FF Dim Clear	6	E27	220-240	AC	6.5	0.90	1800	>90	360	400		25000	Yes	35	A
LF023880309	E27 Filamentled G95 320Lm 4W 922 FF Dim Clear	7	E27	220-240	AC	4.0	0.90	2200	>90	360	320		25000	Yes	30	A+
LF023880302	E27 Filamentled G95 320Lm 4W 925 FF Dim Clear	7	E27	220-240	AC	4.0	0.90	2500	>80	360	320		25000	Yes	30	A+
LF023880602	E27 Filamentled G95 470Lm 5,5W 925 FF Dim Clear	8	E27	220-240	AC	5.5	0.90	2500	>90	360	470		25000	Yes	40	A+
LF023880308	E27 Filamentled G95x135mm 250Lm 4W 925 FF Dim OPAL	9	E27	220-240	AC	4.0	0.90	2500	>90	360	250		25000	Yes	25	A+
LF023880608	E27 Filamentled G95x135mm 400Lm 5,5W 925 FF Dim OPAL	9	E27	220-240	AC	5.5	0.90	2500	>90	360	400		25000	Yes	35	A+
LF023980309	E27 Filamentled Flex AX G95 190Lm 4,5W 922 FF Dim Clear	10	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A
LF023980409	E27 Filamentled Flex TR G95 190Lm 4,5W 922 FF Dim Clear	11	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A
LF023980305	E27 Filamentled Flex AX G95 140Lm 4,5W 922 FF Dim GOLD	12	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B
LF023980405	E27 Filamentled Flex TR G95 140Lm 4,5W 922 FF Dim GOLD	13	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B
L279532027	E27 Fila basic G95 450Lm 4,5W 827 Dim Clear	14	E27	230-230	AC	4.5	0.90	2700	>80	360	450		15000	Yes	39	A+
L279575027	E27 Fila basic G95 700Lm 6,5W 827 Dim Clear	15	E27	230-230	AC	6.5	0.90	2700	>80	360	700		15000	Yes	54	A+
L023825309	E27 Filamentled G125 280Lm 4W 922 Dim Clear	16	E27	220-240	AC	4.0	0.90	2200	>90	360	280		25000	Yes	27	A+
LF023825302	E27 Filamentled G125 320Lm 4W 925 FF Dim Clear	16	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023825609	E27 Filamentled G125 400Lm 5,5W 922 FF Dim Clear	17	E27	220-240	AC	5.5	0.90	2200	>90	360	400		25000	Yes	35	A+
L023825602	E27 Filamentled G125 480Lm 5,5W 925 Dim Clear	17	E27	220-240	AC	5.5	0.90	2500	>90	360	480		25000	Yes	41	A+
L023825709-1	E27 Filamentled G125 500Lm 6,5W 922 Dim Clear	18	E27	220-240	AC	6.5	0.90	2200	>90	360	500		25000	Yes	42	A+
LF023825802	E27 Filamentled G125 550Lm 6,5W 925 FF Dim Clear	18	E27	220-240	AC	6.5	0.90	2500	>90	360	550		25000	Yes	45	A+
LF023825509	E27 Filamentled G125 470Lm 6,5W 922 FF Dim Clear	19	E27	220-240	AC	6.5	0.90	2200	>90	360	470		25000	Yes	40	A+
LF023825809	E27 Filamentled G125 550Lm 8W 922 FF Dim Clear	20	E27	220-240	AC	8.0	0.85	2200	>90	360	550		25000	Yes	45	A+
L023825305	E27 Filamentled G125 270Lm 4W 922 Dim GOLD	21	E27	220-240	AC	4.0	0.90	2200	>90	360	270		25000	Yes	26	A+
L023825655-1	E27 Filamentled G125 500Lm 8W 922 Dim GOLD	22	E27	220-240	AC	8.0	0.90	2200	>90	360	500		25000	Yes	42	A
LF023825308	E27 Filamentled G125 320Lm 4W 925 FF Dim OPAL	23	E27	220-240	AC	4.0	0.90	2500	>90	360	320		25000	Yes	30	A+
LF023825608	E27 Filamentled G125 400Lm 5,5W 925 FF Dim OPAL	23	E27	220-240	AC	5.5	0.90	2500	>90	360	400		25000	Yes	35	A+
LF023825808	E27 Filamentled G125 550Lm 6,5W 925 FF Dim OPAL	23	E27	220-240	AC	6.5	0.90	2500	>90	360	550		25000	Yes	45	A+
LF023925309	E27 Filamentled Flex AX G125 190Lm 4,5W 922 FF Dim Clear	24	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A
LF023925409	E27 Filamentled Flex TR G125 190Lm 4,5W 922 FF Dim Clear	25	E27	220-240	AC	4.5	0.85	2200	>90	360	190		15000	Yes	20	A
LF023925305	E27 Filamentled Flex AX G125 140Lm 4,5W 922 FF Dim GOLD	26	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B
LF023925405	E27 Filamentled Flex AX G125 140Lm 4,5W 922 FF Dim GOLD	27	E27	220-240	AC	4.5	0.85	2200	>90	360	140		15000	Yes	15	B
L272532027	E27 Fila basic G125 450Lm 4,5W 827 Dim Clear	28	E27	230-230	AC	4.5	0.90	2700	>80	360	450		15000	Yes	39	A+
L272575027	E27 Fila basic G125 700Lm 6,5W 827 Dim Clear	29	E27	230-230	AC	6.5	0.90	2700	>80	360	700		15000	Yes	54	A+
LF023880812	E27 Filamentled G95 T-M 470Lm 6,5W 925 FF Dim SILVER	30	E27	220-240	AC	6.5	0.90	2500	>90		470		25000	Yes	40	A+



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Power factor Kelvin	CTI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Globe																
LF023880822	E27 Filamentled G95 T-M 470Lm 6,5W 925 FF Dim GOLD	1	E27	220-240	AC	6.5	0.90	2500	>90	470	25000	Yes	40	A+		
LF023825812	E27 Filamentled G125 T-M 470Lm 6,5W 925 FF Dim SILVER	2	E27	220-240	AC	6.5	0.90	2500	>90	470	25000	Yes	40	A+		
L023825822	E27 Filamentled G125 T-M 450Lm 6,5W 925 Dim GOLD	3	E27	220-240	AC	6.5	0.90	2500	>90	450	25000	Yes	39	A+		



Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumen Candela Lifetime Dimmable Equivalent Class

Tubular																
Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class		
L024323637	LED E14 T14x47mm 250Lm 2,5W 827 Non-Dim	1	E14	200-240	AC	2.5	0.50	2700	>80	360	250	25000	No	25	A++	
O24335737	LED E14 T16x54mm 300Lm 3W 827 Non-Dim	2	E14	200-240	AC	3.0	0.50	2700	>80	360	300	30000	No	28	A++	
L024362607	LED E14 T16x54mm 340Lm 3,5W 827 Dim Clear BL	3	E14	200-240	AC	3.5	0.95	2700	>80	360	340	30000	Yes	31	A++	
L024352227	LED BA15D T17x47mm 250Lm 2,5W 827 Non-Dim	4	Ba15d	200-240	AC	2.5	0.50	2700	>80	360	250	25000	No	25	A++	
L141250627	LED E14 T28x110 580Lm 8W 827 Non-Dim Opal	5	E14	230-230	AC	8.0	0.50	2700	>80	360	580	20000	No	47	A+	
L271250627	LED E27 T28x110 580Lm 8W 827 Dim Opal	6	E27	230-230	AC	8.0	0.70	2700	>80	360	580	20000	Yes	47	A+	
L271751227	LED E27 T38x150 1000Lm 13W 827 Dim Opal	7	E27	230-230	AC	13.0	0.90	2700	>80	360	1000	20000	Yes	72	A+	
O24362427	LED E14 T17x52mm 160Lm 2W 827 10-30V AC/DC Non-Dim Clear	8	E14	12-30	AC/DC	2.0	0.50	2700	>80	360	160	25000	No	17	A++	
L024372427	LED BA15D T17x47mm 140Lm 2W 827 10-30V AC/DC Non-Dim Clear	9	Ba15d	10-30	AC/DC	2.0	0.50	2700	>80	360	140	25000	No	15	A+	
LV023820502	E14 Filamentled T20x55mm 100Lm 1,5W 925 Non-Dim Clear	10	E14	220-240	AC	1.5	0.50	2500	>90	360	100	25000	No	11	A++	
LF023891502	E14 Filamentled T25x85mm 140Lm 1,5W 925 FF Dim Clear	11	E14	220-240	AC	1.5	0.85	2500	>90	360	140	25000	Yes	15	A++	
LF023890302	E14 Filamentled T25x85mm 320Lm 4W 925 FF Dim Clear	12	E14	220-240	AC	4.0	0.90	2500	>90	360	320	25000	Yes	30	A+	
LF023893709	E14 Filamentled T25x115mm 250Lm 4W 922 FF Dim Clear	13	E14	220-240	AC	4.0	0.90	2200	>90	360	250	25000	Yes	25	A+	
L023822302	E27 Filamentled T45x106mm 320Lm 4W 925 Dim Clear	14	E27	220-240	AC	4.0	0.90	2500	>90	360	320	25000	Yes	30	A+	
LF023833302	E27 Filamentled T45x130mm 550Lm 6,5 W 925 FF Dim Clear	15	E27	220-240	AC	6.5	0.90	2500	>90	360	550	25000	Yes	45	A+	
LF023822305	E27 Filamentled T45x106mm 250Lm 4W 925 FF Dim GOLD	16	E27	220-240	AC	4.0	0.90	2500	>90	360	280	25000	Yes	27	A+	
L023833305	E27 Filamentled T45x130mm 480Lm 6,5 W 925 Dim GOLD	17	E27	220-240	AC	6.5	0.90	2500	>90	360	480	25000	Yes	41	A+	
LF023922309	E27 Filamentled Flex AX T45x130mm 190Lm 4,5W 922 FF Dim Clear	18	E27	220-240	AC	4.5	0.85	2200	>90	360	190	15000	Yes	20	A	
LF023922305	E27 Filamentled Flex AX T45x130mm 140Lm 4,5W 922 FF Dim GOLD	19	E27	220-240	AC	4.5	0.85	2200	>90	360	140	15000	Yes	15	B	
L274532027	E27 Fila basic T45x106mm 350Lm 4W 827 Dim Clear	20	E27	230-230	AC	4.0	0.90	2700	>80	360	350	15000	Yes	32	A+	
LV024105609	E27 Filamentled T38 550Lm 4x cross 6,5W 922 Non-Dim Clear	21	E27	220-240	AC	6.5	0.60	2200	>80	360	550	25000	No	45	A+	
LF024106409	E27 Filamentled T38 400Lm 6x line 5,5 W 922 FF Dim Clear	22	E27	220-240	AC	5.5	0.90	2200	>90	360	400	25000	Yes	35	A+	
LF024106402	E27 Filamentled T38 470Lm 6x line 5,5 W 925 FF Dim Clear	22	E27	220-240	AC	5.5	0.90	2500	>90	360	470	25000	Yes	40	A+	
LF024107809	E27 Filamentled T38 470Lm 2x 3line 6,5 W 922 FF Dim Clear	23	E27	220-240	AC	6.5	0.90	2200	>90	360	470	25000	Yes	40	A+	
LF024107800	E27 Filamentled T38 650Lm 2x 3line 6,5 W 930 FF Dim Clear	23	E27	220-240	AC	6.5	0.90	3000	>90	360	650	25000	Yes	51	A+	
LF024106408	E27 Filamentled T38 320Lm 4x line 4,5 W 925 FF Dim OPAL	24	E27	220-240	AC	4.5	0.90	2500	>90	360	320	25000	Yes	30	A+	
LF024107808	E27 Filamentled T38 470Lm 2x 3line 6,5 W 925 FF Dim OPAL	24	E27	220-240	AC	6.5	0.90	2500	>90	360	470	25000	Yes	40	A+	
L279035422	E27 Filamentled T30x90mm 350Lm 3,5W 827 Dim Clear	25	E27	220-240	AC	3.5	0.85	2700	>80	360	350	25000	Yes	32	A++	
L279005622	E27 Filamentled T30x90mm 510Lm 5W 827 Dim Clear	26	E27	220-240	AC	5.0	0.90	2700	>80	360	510	25000	Yes	42	A+	
L279035421	E27 Filamentled T30x90mm 340Lm 3,5W 827 Dim Frosted	27	E27	220-240	AC	3.5	0.85	2700	>80	360	340	25000	Yes	31	A++	
LF279005621	E27 Filamentled T30x90mm 470Lm 5W 827 FF Dim Frosted	27	E27	220-240	AC	5.0	0.90	2700	>80	360	470	25000	Yes	40	A+	
LF229035422	Ba22d Filamentled T30x90mm 400Lm 3,5W 827 FF Dim Clear	28	Ba22d	220-240	AC	3.5	0.85	2700	>80	360	400	25000	Yes	35	A++	
LF229505622	Ba22d Filamentled T30x95mm 470Lm 5W 827 FF Dim Clear	29	Ba22d	220-240	AC	5.0	0.90	2700	>80	360	470	25000	Yes	40	A+	
LF229535421	Ba22d Filamentled T30x95mm 400Lm 3,5W 827 FF Dim Frosted	30	Ba22d	220-240	AC	3.5	0.85	2700	>80	360	400	25000	Yes	35	A++	
LF229005621	Ba22d Filamentled T30x90mm 470Lm 5W 827 FF Dim Frosted	30	Ba22d	220-240	AC	5.0	0.90	2700	>80	360	470	25000	Yes	40	A+	



Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumen Candela Lifetime Dimmable Equivalent Class

Decorative Small															
Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class	
LF023801502	E27	220-240	AC	1.5	0.85	2500	>90	360	140		25000	Yes	15	A++	
L024110609	E14	220-240	AC	6.0	0.85	2200	>90	360	360		25000	Yes	33	A	
LF024111609	E14	220-240	AC	4.0	0.90	2200	>90	360	250		25000	Yes	25	A+	
L024112609	E27	220-240	AC	6.0	0.85	2200	>90	360	360		25000	Yes	33	A	
L024113609	E27	220-240	AC	6.0	0.85	2200	>90	360	380		25000	Yes	34	A+	
L024114309	E14	220-240	AC	3.0	0.85	2200	>90	360	220		25000	Yes	22	A+	
L024118609	E27	220-240	AC	3.0	0.85	2200	>90	360	220		25000	Yes	22	A+	
L024115309	E27	220-240	AC	3.0	0.85	2200	>90	360	220		25000	Yes	22	A+	
LF024117509	E27	220-240	AC	5.0	0.85	2200	>90	360	400		25000	Yes	35	A+	
LF024114609	E27	220-240	AC	3.0	0.85	2200	>90	360	190		25000	Yes	20	A+	
L024116609	E27	220-240	AC	6.5	0.85	2200	>90	360	470		25000	Yes	40	A+	
L024119609	E27	220-240	AC	8.5	0.85	2200	>90	360	720		25000	Yes	55	A+	
L024101409	E27	220-240	AC	5.5	0.85	2200	>90	360	410		25000	Yes	36	A+	
LF024102409	E27	220-240	AC	5.5	0.85	2200	>90	360	400		25000	Yes	35	A+	
L024102309	E27	220-240	AC	4.0	0.90	2200	>90	360	260		25000	Yes	26	A+	
L024108405	E27	220-240	AC	4.0	0.90	2200	>90	360	240		25000	Yes	24	A+	
L024104509	E14	220-240	AC	4.0	0.90	2200	>90	360	280		25000	Yes	27	A+	
L024105509	E14	220-240	AC	4.0	0.90	2200	>90	360	260		25000	Yes	26	A+	
LF024103509	E27	220-240	AC	5.5	0.90	2200	>90	360	400		25000	Yes	35	A+	
L024103505	E27	220-240	AC	5.5	0.90	2200	>90	360	400		25000	Yes	35	A+	
L024109912	E27	220-240	AC	5.5	0.90	2200	>90		300		25000	Yes	28	A	
L024109990	E27	220-240	AC	5.5	0.90	2200	>90	360	410		25000	Yes	36	A+	
L024109995	E27	220-240	AC	5.5	0.90	2200	>90	360	380		25000	Yes	34	A+	
L024109991	E27	220-240	AC	5.5	0.90	2200	>90	360	410		25000	Yes	36	A+	



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Decorative Big																
LF023899102	E40 Filamentled BIG G300 970Lm 10W 925 FF Dim Clear	1	E40	220-240	AC	10.0	0.80	2500	>90	360	970		25000	Yes	70	A+
LF023899902	E27 Filamentled BIG A165 470Lm 6W 925 FF Dim Clear	2	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF023899802	E27 Filamentled BIG G200 470Lm 6W 925 FF Dim Clear	3	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF023899702	E27 Filamentled BIG CT120 490Lm 6W 925 FF Dim Clear	4	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF023899905	E27 Filamentled BIG A165 470Lm 6W 925 FF Dim GOLD	5	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF023899805	E27 Filamentled BIG G200 470Lm 6W 925 FF Dim GOLD	6	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF023899705	E27 Filamentled BIG CT120 470Lm 6W 925 FF Dim GOLD	7	E27	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF024099902	Ba22d Filamentled BIG A165 470Lm 6W 925 v-Dim Clear	8	Ba22d	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF024099802	Ba22d Filamentled BIG G200 470Lm 6W 925 v-Dim Clear	9	Ba22d	220-240	AC	6.0	0.85	2500	>90	360	470		25000	Yes	40	A+
LF024099905	Ba22d Filamentled BIG A165 470Lm 6W 925 v-Dim GOLD	10	Ba22d	220-240	AC	6.0	0.85	2500	>90	360	450		25000	Yes	39	A+
LF024099805	Ba22d Filamentled BIG G200 470Lm 6W 925 v-Dim GOLD	11	Ba22d	220-240	AC	6.0	0.85	2500	>90	360	450		25000	Yes	39	A+



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
GU10																
L642799908	LED GU10 CTA 250Lm 5,5W 2000K-2800K 40° Dim White	1	GU10	180-240	AC	5.5	0.65	2800	>80	40	250	420	30000	Yes	35	A
L642777708	LED GU10 CTA 250Lm 5,5W 2000K-2800K 30-80° Dim White	2	GU10	180-240	AC	5.5	0.65	2800	>80	Var	250	420	30000	Yes	35	A
L642777717	LED GU10 CTA 250Lm 5,5W 2000K-2800K 30-80° Dim Silver	3	GU10	180-240	AC	5.5	0.65	2800	>80	Var	250	420	30000	Yes	35	A
L642788808	LED GU10 250Lm 5W 2700K 927 30°-80° Dim White	2	GU10	180-240	AC	5.0	0.60	2700	>90	Var	250	420	30000	Yes	35	A
L642788817	LED GU10 250Lm 5W 2700K 927 30°-80° Dim Silver	3	GU10	180-240	AC	5.0	0.60	2700	>90	Var	250	420	30000	Yes	35	A
L641770527	LED GU10 PMMA 400Lm 5W 827 40° Dim Grey	4	GU10	220-240	AC	5.0	0.90	2700	>80	40	400	800	30000	Yes	60	A+
L641770722	LED GU10 PMMA 420Lm 7W 827 40° Dim White +Grey Ring	5	GU10	220-240	AC	7.0	0.90	2200	>80	40	420	800	30000	Yes	60	A
L641771727	LED GU10 PMMA 500Lm 7W 827 17° Dim White +Grey Ring	5	GU10	220-240	AC	7.0	0.90	2700	>80	17	500	2300	30000	Yes	65	A+
L641770727	LED GU10 PMMA 540Lm 7W 827 40° Dim White +Grey Ring	5	GU10	220-240	AC	7.0	0.90	2700	>80	40	540	1050	30000	Yes	65	A+
L641772727	LED GU10 PMMA 540Lm 7W 827 60° Dim White +Grey Ring	5	GU10	220-240	AC	7.0	0.90	2700	>80	60	540	670	30000	Yes	65	A+
L641770740	LED GU10 PMMA 540Lm 7W 840 40° Dim White +Grey Ring	5	GU10	220-240	AC	7.0	0.90	4000	>80	40	540	1050	30000	Yes	65	A+
022738222-1	LED GU10 PMMA 260Lm 4.5W 827 38° Dim	6	GU10	230-230	AC	4.5	0.88	2700	>80	38	260	625	30000	Yes	36	A+
L022738222	LED GU10 PMMA 400Lm 5,5W 827 38° Dim	6	GU10	230-230	AC	5.5	0.90	2700	>80	38	450	1100	30000	Yes	50	A+
022738224-1	LED GU10 PMMA 296Lm 4.5W 840 38° Dim	6	GU10	230-230	AC	4.5	0.88	4000	>80	38	310	690	30000	Yes	38	A+
022738442-1	LED GU10 PMMA 520Lm 8W 827 38° Dim	7	GU10	230-230	AC	8.0	0.82	2700	>80	38	520	1075	30000	Yes	70	A+
022738662	LED GU10 PMMA 729Lm 10W 827 38° Dim	8	GU10	230-230	AC	10.0	0.80	2700	>80	38	729	1299	30000	Yes	80	A+
L642734827	LED GU10 340LM 5W 827 36° Dim White	16	GU10	220-240	AC	5.0	0.70	2700	>80	36	340		15000	Yes	50	A+
L642745827	LED GU10 450LM 7.5W 827 36° Dim White	16	GU10	220-240	AC	7.5	0.70	2700	>80	36	450		15000	Yes	65	A
L642735830	LED GU10 350LM 5W 830 36° Non-Dim White	16	GU10	220-240	AC	5.0	0.50	3000	>80	36	350		15000	No	50	A+
L642750830	LED GU10 460LM 7.5W 830 36° Non-Dim White	16	GU10	100-250	AC	7.5	0.50	3000	>80	36	460		15000	No	65	A
022145270	LED GU10 PMMC 268Lm 4,5W 827 45° Non-Dim	9	GU10	110-230	AC	4.5	0.55	2700	>80	45	268	478	30000	No	45	A+
022145400	LED GU10 PMMC 308Lm 4.5W 840 45° Non-Dim	9	GU10	110-230	AC	4.5	0.55	4000	>80	45	308	490	30000	No	45	A+
022833872	LED GU10 310Lm 5W 827 38° Non-Dim	10	GU10	110-230	AC	5.0	0.55	2700	>80	38	310	552	30000	No	45	A+
022833882	LED GU10 310Lm 5W 827 38° Dim	10	GU10	230-230	AC	5.0	0.75	2700	>80	38	310	552	30000	Yes	45	A+
L642760027	LED GU10 Glass 420Lm 6W 827 38° Dim	11	GU10	220-240	AC	6.0	0.90	2700	>80	38	420		15000	Yes	60	A+
L642740027	LED GU10 Glass 350Lm 6W 827 36° Dim	12	GU10	220-240	AC	6.0	0.80	2700	>80	36	350	1100	20000	Yes	50	A+
L642750127	LED GU10 Glass 320Lm 5W 827 38° Non-Dim	13	GU10	220-240	AC	5.0	0.90	2700	>80	38	320		15000	No	50	A+
L642750027	LED GU10 Glass 320Lm 5W 827 38° Dim	13	GU10	220-240	AC	5.0	0.90	2700	>80	38	320		15000	Yes	50	A+
L642740027	LED GU10 Glass 350Lm 6W 827 36° Dim	12	GU10	220-240	AC	6.0	0.80	2700	>80	36	350	1100	20000	Yes	50	A+
L642736027-1	LED GU10 Glass 350Lm 5W 827 36° Dim	13	GU10	220-240	AC	5.0	0.80	2700	>80	36	350	880	25000	Yes	50	A+
L641702827	LED GU10 280Lm 4W 827 38° DC 24/30V	10	GU10	24-30	DC	4.0	1.00	2700	>80	38	280		30000	No	45	A+
L022935427	LED GU10 MR11 280Lm 4W 827 35° Dim	14	GU10	220-240	AC	4.0	0.50	2700	>80	35	280		15000	Yes	25	A+
023614102	LED ES111 GU10 111x91mm 363Lm 8W 827 38° Dim	15	GU10	230-230	AC	8.0	0.93	2700	>80	38	363	452	30000	Yes		A
023614104	LED ES111 GU10 111x91mm 410Lm 8W 840 38° Dim	15	GU10	230-230	AC	8.0	0.93	4000	>80	38	410	519	30000	Yes		A
023612102	LED ES111 GU10 111x91mm 363Lm 8W 827 15° Dim	15	GU10	230-230	AC	8.0	0.93	2700	>80	15	363	3651	30000	Yes		A
023612104	LED ES111 GU10 111x91mm 410Lm 8W 840 15° Dim	15	GU10	230-230	AC	8.0	0.93	4000	>80	15	500	3912	30000	Yes		A



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
GU4/GU5.3																
L642770727	LED MR16 Glass 350Lm 7W 827 36° AC 12V Non-Dim	1	GU5.3	12-12	AC	7.0	0.90	2700	>80	36	350	1100	20000	No		A
L642770527	LED MR16 Glass 350Lm 5W 827 38° AC/DC 12V Non-Dim	2	GU5.3	12-12	AC/DC	5.0	1.00	2700	>80	38	350		15000	No		A+
022533123	LED MR16 PMMA 280Lm 4W 827 38° 12V AC/DC Non-Dim	3	GU5.3	12-12	AC/DC	4.0	0.50	2700	>80	38	280	690	30000	No		A+
022533124	LED MR16 PMMA 320Lm 4W 840 38° 12V AC/DC Non-Dim	3	GU5.3	12-12	AC/DC	4.0	0.50	4000	>80	38	320	590	30000	No		A++
023040270	LED MR16 PMMC 268Lm 4W 827 45° 12V AC/DC Non-Dim	4	GU5.3	12-12	AC/DC	4.0	0.50	2700	>80	45	268	478	30000	No		A+
023040400	LED MR16 PMMC 308Lm 4W 840 45° 12V AC/DC Non-Dim	4	GU5.3	12-12	AC/DC	4.0	1.00	4000	>80	45	308	490	30000	No		A+
023300270-1	LED MR16 PMMC 268Lm 4W 827 45° 24V DC Non-Dim	4	GU5.3	24-24	DC	4.0	1.00	2700	>80	45	268		30000	No		A+
023240400-1	LED MR16 PMMC 310Lm 4W 840 45° 24V DC Non-Dim	4	GU5.3	24-24	DC	4.0	1.00	4000	>80	45	310	490	30000	No		A+
L021120427	LED MR11 180Lm 4W 827 24° 12V AC/DC Non-Dim	5	GU4	12-12	AC/DC	4.0	0.60	2700	>80	24	180	650	25000	No		A
021100101-1	LED MR11 COB 78Lm 1W 830 30° 12V AC/DC Non-Dim	6	GU4	12-12	AC/DC	1.0	0.65	3000	>80	30	78		30000	No		A++
021126270	LED MR11 198Lm 3W 827 30° 12V AC/DC Non-Dim	7	GU4	12-12	AC/DC	3.0	0.75	2700	>80	30	198	438	30000	No		A+
021126400	LED MR11 219Lm 3W 840 30° 12V AC/DC Non-Dim	7	GU4	12-12	AC/DC	3.0	0.75	4000	>80	30	219	513	30000	No		A++



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
AR111																
L644885027	LED AR111 G53 12V 850Lm 18W 927 24° AC/DC Dim	1	G53	12-12	AC/DC	18.0	0.90	2700	>90	24	850	6000	25000	Yes	100	A
023614532	LED AR111 G53 550Lm 12W 827 38° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	2700	>80	38	550		30000	Yes		A
023614534	LED AR111 G53 580Lm 12W 840 38° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	4000	>80	38	580		30000	Yes		A
023612532	LED AR111 G53 550Lm 12W 827 15° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	2700	>80	15	550		30000	Yes		A
023612534	LED AR111 G53 580Lm 12W 840 15° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	4000	>80	15	580		30000	Yes		A
023613532	LED AR111 G53 890Lm 12W 827 50° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	2700	>80	50	890		30000	Yes		A+
023613534	LED AR111 G53 950Lm 12W 840 50° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	4000	>80	50	950		30000	Yes		A+
023615532	LED AR111 G53 890Lm 12W 827 38° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	2700	>80	38	890		30000	Yes		A+
023615534	LED AR111 G53 950Lm 12W 840 38° DC Dim 36V driver	2	G53	36-36	DC	12.0	0.85	2700	>80	38	950		30000	Yes		A+



Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumens Candela Lifetime Dimmable Equivalent Class

Reflector		Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumens	Candela	Lifetime	Dimmable	Equivalent	Class
LF023850092	E14 Filamentled R50 250Lm 4W 925 FF Dim Clear	1	E14	220-240	AC	4.0	0.90	2500	>90	90	250	150	25000	Yes	25	A+
LF023863092	E27 Filamentled R63 320Lm 5,5W 925 FF Dim Clear	2	E27	220-240	AC	5.5	0.90	2500	>90	110	320	165	25000	Yes	30	A
L023880092	E27 Filamentled R80 470Lm 6,5W 925 Dim Clear	3	E27	220-240	AC	6.5	0.90	2500	>90	120	470	220	25000	Yes	40	A+
L023895192	E27 Filamentled R95 400Lm 6,5W 925 Dim Clear	4	E27	220-240	AC	6.5	0.90	2500	>90	95	400	180	25000	Yes	35	A
L143907027-1	LED E14 R39 320Lm 4W 827 110° Non-Dim	5	E14	230-230	AC	4.0	0.50	2700	>80	110	320		15000	No	30	A+
L145008827-1	LED E14 R50 470Lm 6W 827 110° Dim	6	E14	230-230	AC	6.0	0.50	2700	>80	110	470		15000	Yes	40	A+
L275008827	LED E27 R50 480Lm 6W 827 110° Dim	7	E27	230-230	AC	6.0	0.50	2700	>80	110	480		15000	Yes	41	A+
L276310027	LED E27 R63 650Lm 8W 827 110° Dim	8	E27	220-240	AC	8.0	0.50	2700	>80	110	650		15000	Yes	51	A+
L278011727	LED E27 R80 810Lm 10W 827 110° Dim	9	E27	230-230	AC	10.0	0.50	2700	>80	110	810		15000	Yes	60	A+
L279513727-1	LED E27 R95 970Lm 12W 827 110° Dim	10	E27	230-230	AC	11.0	0.50	2700	>80	110	970		15000	Yes	70	A+
L271251727	LED E27 R125 1150Lm 15W 827 110° Dim	11	E27	230-230	AC	15.0	0.80	2700	>80	110	1150		15000	Yes	80	A



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
PAR																
L645140527	LED E14 PAR16 GLASS 300Lm 5W 827 38° Dim	1	E14	230-230	AC	5.0	0.98	2700	>80	38	300	610	15000	Yes	28	A+
L645270527	LED E27 PAR16 GLASS 300Lm 5W 827 38° Dim	2	E27	220-240	AC	5.0	0.98	2700	>80	38	300	610	15000	Yes	28	A+
L646370827	LED E27 PAR20 GLASS 520Lm 8W 827 38° 3step-Dim	3	E27	230-230	AC	8.0	0.55	2700	>80	38	520	950	15000	Yes	43	A
L649571227	LED E27 PAR30 GLASS 650Lm 12W 827 38° 3step-Dim IP65	4	E27	230-230	AC	12.0	0.55	2700	>80	38	650	1300	15000	Yes	51	A
L642371827	LED E27 PAR38 GLASS 1100Lm 18W 827 38° Non-Dim IP65	5	E27	230-230	AC	18.0	0.55	2700	>80	38	1100	2050	15000	No	77	A
L641435827	LED E14 PAR16 350Lm 5W 827 36° Dim Silver	8	E14	230-230	AC	5.0	0.50	2700	>80	36	300	610	15000	Yes	28	A+
L642735827	LED E27 PAR16 350Lm 5W 827 36° Dim Silver	9	E27	220-240	AC	5.0	0.50	2700	>80	36	300	610	15000	Yes	28	A+
L642763827	LED E27 PAR20 500Lm 7W 827 36° Dim Silver IP65	10	E27	220-240	AC	7.0	0.90	2700	>80	36	500		15000	Yes	42	A+
L642775827	LED E27 PAR30 650Lm 10W 827 36° Dim Silver IP65	11	E27	220-240	AC	10.0	0.90	2700	>80	36	650		15000	Yes	51	A
L642790827	LED E27 PAR38 900Lm 15W 827 36° Dim Silver IP65	6	E27	220-240	AC	15.0	0.90	2700	>80	36	900	1900	25000	Yes	66	A
022014462	LED E27 PAR38 COB 1100Lm 14W 827 45° Dim	7	E27	230-230	AC	14.0	0.80	2700	>80	45	1100		30000	Yes	77	A+
022014464	LED E27 PAR38 COB 1200Lm 14W 840 45° Dim	7	E27	230-230	AC	14.0	0.80	4000	>80	45	1200		30000	Yes	83	A+
022014472	LED E27 PAR38 1000Lm 15W 827 38° Non-Dim	7	E27	230-230	AC	15.0	0.96	2700	>80	38	1000		30000	No	72	A
022014474	LED E27 PAR38 1095Lm 15W 840 38° Non-Dim	7	E27	230-230	AC	15.0	0.96	4000	>80	38	1095		30000	No	77	A
022014482	LED E27 PAR38 1000Lm 15W 827 38° Dim	7	E27	230-230	AC	15.0	0.96	2700	>80	38	1000		30000	Yes	72	A
022014484	LED E27 PAR38 1095Lm 15W 840 38° Dim	7	E27	230-230	AC	15.0	0.96	4000	>80	38	1095		30000	Yes	77	A



Type Description

Figure Base Voltage AC/DC Wattage Power factor Kelvin CRI Beam angle Lumens Candela Lifetime Dimmable Equivalent Class

R7s		Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumens	Candela	Lifetime	Dimmable	Equivalent	Class
L647850097	LED R7s 78mmxØ25 400Lm 5W 830 Dim Clear	1	R7s	85-265	AC	5.0	0.50	3000	>80	360	400	30000	Yes	35	A+	
L647850030	LED R7s 78mmxØ25 450Lm 5W 830 Non-Dim Clear	1	R7s	85-265	AC	5.0	0.50	3000	>80	360	450	30000	No	39	A+	
L647855027	LED R7s 78mmxØ22 550Lm 6W 827 Non-Dim Clear	2	R7s	230-230	AC	6.0	0.50	2700	>80	360	550	40000	No	45	A+	
L641829937	LED R7s 118mmxØ22 900Lm 10W 827 Dim Frosted	3	R7s	230-230	AC	10.0	0.85	2700	>80	360	900	30000	Yes	66	A+	
L641820037	LED R7s 118mmxØ25 900Lm 10W 830 Dim Clear	4	R7s	85-265	AC	10.0	0.90	3000	>80	360	900	30000	Yes	66	A+	
L641828837	LED R7s 118mmxØ28 1150Lm 13W 827 Dim Clear	5	R7s	220-240	AC	13.0	0.85	2700	>80	360	1150	30000	Yes	80	A+	
L641897027	LED R7s 118mmxØ22 970Lm 11W 827 Non-Dim Frosted	6	R7s	230-230	AC	11.0	0.50	2700	>80	360	970	25000	No	70	A+	
L641820030	LED R7s 118mmxØ25 1000Lm 10W 830 Non-Dim Clear	4	R7s	85-265	AC	10.0	0.90	3000	>80	360	1000	30000	Yes	72	A+	
L648915030	LED R7s 189mmxØ25 1500Lm 15W 830 Non-Dim Clear	7	R7s	85-265	AC	15.0	0.90	3000	>80	360	1500	30000	No	99	A+	
L647870030	LED R7s 78x45x40mm 600Lm 8W 830 Non-Dim Clear	8	R7s	85-265	AC	8.0	0.50	3000	>80	180	600	30000	No	48	A+	
L641830037	LED R7s 118x45x40mm 1100Lm 14W 830 Dim Clear	9	R7s	85-265	AC	14.0	0.50	3000	>80	180	1100	30000	Yes	77	A+	
L641890030	LED R7s 118x54x40mm 850Lm 10W 830 Non-Dim Clear	10	R7s	85-265	AC	10.0	0.50	3000	>80	180	850	30000	No	63	A+	
L648993030	LED R7s 189x45x40mm 1700Lm 20W 830 Non-Dim Clear	11	R7s	85-265	AC	20.0	0.90	3000	>80	180	1700	30000	No	110	A+	



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Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
S14s																
L419959927	LED S14S Ø30 47x300mm 400Lm 5W 827 200° Dim Opal	1	S14s	85-265	AC	5.0	0.90	2700	>80	200	400		40000	Yes	35	A+
L419950027	LED S14S Ø30 47x300mm 500Lm 7W 827 330° Non-Dim Opal	1	S14s	220-240	AC	7.0	0.50	2700	>80	330	500		25000	No	42	A+
L419950040	LED S14S Ø30 47x300mm 470Lm 7W 840 330° Non-Dim Opal	1	S14s	220-240	AC	7.0	0.50	4000	>80	270	470		25000	No	40	A+
L419979927	LED S14S Ø30 47x500mm 600Lm 8W 827 200° Dim Opal	1	S14s	85-265	AC	8.0	0.90	2700	>80	200	600		40000	Yes	48	A+
L419970027	LED S14S Ø30 47x500mm 700Lm 9W 827 330° Non-Dim Opal	1	S14s	220-240	AC	9.0	0.50	2700	>80	330	700		25000	No	54	A+
L419970040	LED S14S Ø30 47x500mm 640Lm 9W 840 330° Non-Dim Opal	1	S14s	220-240	AC	9.0	0.50	4000	>80	270	640		25000	No	50	A+
L419899927	LED S14S Ø30 47x1000mm 1150Lm 17W 270° 827 Dim Opal	1	S14s	220-240	AC	17.0	0.50	2700	>80	270	1150		25000	Yes	80	A
L419945027-1	LED S14S Ø30 47x1000mm 1450Lm 18W 827 300° Non-Dim Opal	1	S14s	220-240	AC	18.0	0.50	2700	>80	300	1450		25000	No	96	A+



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CRI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Special																
L27933230	LED E27 T27x60mm 320Lm 3W 830 100-240V Non-Dim Clear	1	E27	100-240	AC/DC	3.0	0.50	3000	>80	360	320		30000	No	30	A++
L27935530	LED E27 T27x60mm 550Lm 4.5W 830 100-240V Non-Dim Clear	1	E27	100-240	AC/DC	4.5	0.50	3000	>80	360	550		30000	No	45	A++
L22933230	LED Ba22d T27x58mm 320Lm 3W 830 100-240V Non-Dim Clear	2	Ba22d	100-240	AC/DC	3.0	0.50	3000	>80	360	320		30000	No	30	A++
L22935530	LED Ba22d T27x58mm 550Lm 4.5W 830 100-240V Non-Dim Clear	2	Ba22d	100-240	AC/DC	4.5	0.50	3000	>80	360	550		30000	No	45	A++
L279334030	LED E27 T27x60mm 400Lm 3W 830 24-30V AC/DC Non-Dim Clear	1	E27	24-30	AC/DC	3.0	0.60	3000	>80	360	400		30000	No	35	A++
L279352430	LED E27 T27x60mm 550Lm 4.5W 830 24-30V AC/DC Non-Dim Clear	1	E27	24-30	AC/DC	4.5	0.60	3000	>80	360	550		30000	No	45	A++
L229334030	LED Ba22d T27x58mm 400Lm 3W 830 24-30V AC/DC Non-Dim Clear	2	Ba22d	24-30	AC/DC	3.0	0.60	3000	>80	360	400		30000	No	35	A++
L229352430	LED Ba22d T27x58mm 550Lm 4.5W 830 24-30V AC/DC Non-Dim Clear	2	Ba22d	24-30	AC/DC	4.5	0.60	3000	>80	360	550		30000	No	45	A++
L147239930	LED E14 G45x82mm 12v/60v 250Lm 3W 830 DC Non-Dim	3	E14	12-60	DC	3.0	1.00	3000	>80	160	250		25000	No	25	A+
L277239930	LED E27 G45x81mm 12v/60v 250Lm 3W 830 DC Non-Dim	4	E27	12-60	DC	3.0	1.00	3000	>80	160	250		25000	No	25	A+
L276039830-1	LED E27 A60x115mm 12v/60v 250Lm 4W 830 AC/DC Non-Dim	5	E27	12-60	AC/DC	4.0	0.50	3000	>80	180	320		25000	No	30	A+
L276040530-1	LED E27 A60x115mm 12v/60v 550Lm 7W 830 AC/DC Non-Dim	5	E27	12-60	DC	7.0	1.00	3000	>80	180	550		25000	No	45	A+
L276016830	LED E27 A60x114mm 12v/60v 810Lm 10W 830 AC/DC Non-Dim	6	E27	12-60	AC/DC	10.0	0.50	3000	>80	240	810		25000	No	60	A+
L276041530	LED E27 A75x140mm 12v/60v 1000Lm 12W 830 AC/DC Non-Dim	7	E27	12-60	AC/DC	12.0	0.50	3000	>80	180	970		25000	No	70	A+
L157239830	LED Ba15D G45x80mm 12v/60v 250Lm 3W 830 DC Non-Dim	8	Ba15d	12-60	DC	3.0	1.00	3000	>80	160	250		25000	No	25	A+
L227239930	LED Ba22D G45x80mm 12v/60v 250Lm 3W 830 DC Non-Dim	9	Ba22D	12-60	DC	3.0	1.00	3000	>80	160	250		25000	No	25	A+
L226040630	LED Ba22D A60x115mm 12v/60v 550Lm 7W 830 AC/DC Non-Dim	10	Ba22D	12-60	AC/DC	7.0	0.60	3000	>80	160	550		25000	No	45	A+
L656000207	LED E27 A60 Air Purification 650Lm 7W 830 Non-Dim Opal	11	E27	230-230	AC	7.0	0.50	3000	>80	300	650		25000	No	51	A+
L656000127	LED E27 A70 Radar Light 530Lm 7W 827 Non-Dim Opal	12	E27	230-230	AC	6.5	0.50	2700	>80	160	530		25000	No	44	A+
027241521	LED E27 G45 90Lm 1.5W 830 Non-Dim Opal	13	E27	230-230	AC	1.5	0.30	3000	>80	360	90		25000	No	10	A+
027241222	LED E27 G45 1,5W Red Non-Dim	14	E27	230-230	AC	1.0	0.20			360	7		15000	No	1	
027241223	LED E27 G45 1,5W Green Non-Dim	15	E27	230-230	AC	1.0	0.20			360	21		15000	No	2	
027241224	LED E27 G45 1,5W Yellow Non-Dim	16	E27	230-230	AC	1.0	0.20			360	50		15000	No	6	
027241225	LED E27 G45 1,5W Orange Non-Dim	17	E27	230-230	AC	1.0	0.20			360	35		15000	No	4	
027241226	LED E27 G45 1,5W Blue Non-Dim	18	E27	230-230	AC	1.0	0.30			360	5		15000	No	1	
L147215002	E14 Filamentled Ball G45 1W Non-Dim RED	19	E14	220-240	AC	1.0	0.40			360	12		25000	No	1	
L147215003	E14 Filamentled Ball G45 1W Non-Dim GREEN	20	E14	220-240	AC	1.0	0.40			360	8		25000	No	1	
L147215004	E14 Filamentled Ball G45 1W Non-Dim YELLOW	21	E14	220-240	AC	1.0	0.40			360	60		25000	No	7	
L147215005	E14 Filamentled Ball G45 1W Non-Dim ORANGE	22	E14	220-240	AC	1.0	0.40			360	40		25000	No	4	
L147215006	E14 Filamentled Ball G45 1W Non-Dim BLUE	23	E14	220-240	AC	1.0	0.40			360	5		25000	No	1	
L277215002	E27 Filamentled Ball G45 1W Non-Dim RED	24	E27	220-240	AC	1.0	0.40			360	12		25000	No	1	
L277215003	E27 Filamentled Ball G45 1W Non-Dim GREEN	25	E27	220-240	AC	1.0	0.40			360	8		25000	No	1	
L277215004	E27 Filamentled Ball G45 1W Non-Dim YELLOW	26	E27	220-240	AC	1.0	0.40			360	60		25000	No	7	
L277215005	E27 Filamentled Ball G45 1W Non-Dim ORANGE	27	E27	220-240	AC	1.0	0.40			360	40		25000	No	4	
L277215006	E27 Filamentled Ball G45 1W Non-Dim BLUE	28	E27	220-240	AC	1.0	0.40			360	5		25000	No	1	
276015002	E27 Filamentled GLS A60 1W Non-Dim RED	29	E27	220-240	AC	1.0	0.40			360	20		25000	No	2	
276015003	E27 Filamentled GLS A60 1W Non-Dim GREEN	30	E27	220-240	AC	1.0	0.40			360	20		25000	No	2	



Type	Description	Figure	Base	Voltage	AC/DC	Wattage	Power factor	Kelvin	CrI	Beam angle	Lumen	Candela	Lifetime	Dimmable	Equivalent	Class
Special																
276015004	E27 Filamentled GLS A60 1W Non-Dim YELLOW	1	E27	220-240	AC	1.0	0.40			360	80		25000	No	9	
276015005	E27 Filamentled GLS A60 1W Non-Dim ORANGE	2	E27	220-240	AC	1.0	0.40			360	40		25000	No	4	
276015006	E27 Filamentled GLS A60 1W Non-Dim BLUE	3	E27	220-240	AC	1.0	0.40			360	5		25000	No	1	
604500005	RUBBER RING FOR E27 BASE Green		E27	-												
604500004	RUBBER RING FOR E27 BASE Black		E27	-												
L641770502	LED GU10 Glass 5W 38° Dim RED	6	GU10	220-240	AC	5.0	0.90			38	30	28	15000	Yes	3	
L641770592	LED GU10 Glass 5W 38° Non-Dim RED	6	GU10	220-240	AC	5.0	0.50			38	50	28	15000	No	6	
L641770503	LED GU10 Glass 5W 38° Dim GREEN	7	GU10	220-240	AC	5.0	0.90			38	55	30	15000	Yes	6	
L641770593	LED GU10 Glass 5W 38° Non-Dim GREEN	7	GU10	220-240	AC	5.0	0.50			38	90	75	15000	No	10	
L641770504	LED GU10 Glass 5W 38° Dim YELLOW	8	GU10	220-240	AC	5.0	0.90			38	180	58	15000	Yes	19	
L641770594	LED GU10 Glass 5W 38° Non-Dim YELLOW	8	GU10	220-240	AC	5.0	0.50			38	250	90	15000	No	25	
L641770506	LED GU10 Glass 5W 38° Dim BLUE	9	GU10	220-240	AC	5.0	0.90			38	25	16	15000	Yes	3	
L641770596	LED GU10 Glass 5W 38° Non-Dim BLUE	9	GU10	220-240	AC	5.0	0.50			38	40	35	15000	No	4	
L642790592	LED MR16 Glass 12V 5W 38° Non-Dim RED	10	GU5.3	12-12	AC/DC	5.0	1.00			38	30	28	15000	No	3	
L642790593	LED MR16 Glass 12V 5W 38° Non-Dim GREEN	11	GU5.3	12-12	AC/DC	5.0	1.00			38	55	30	15000	No	6	
L642790594	LED MR16 Glass 12V 5W 38° Non-Dim YELLOW	12	GU5.3	12-12	AC/DC	5.0	1.00			38	180	58	15000	No	19	
L642790596	LED MR16 Glass 12V 5W 38° Non-Dim BLUE	13	GU5.3	12-12	AC/DC	5.0	1.00			38	25	16	15000	No	3	
L025322705	LED GX53 340Lm 5W 827 AC 230V Opal Dim	14	GX53	220-240	AC	5.0	0.90	2700	>80	110	340		25000	Yes	31	A+
L650002716	LED E27 T58x137mm 140Lm 1600K 4W Flicker Flame Effect	15	E27	85-265	AC	4.0	0.50	1600		320	140		15000	No	15	A

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