Contents

Philips Halogen Lamps are designed to provide visual appeal, highlight merchandise and save on energy costs.

Put people and merchandise in the best light

The Philips Halogen lamp family is perfect for retail lighting. Halogen lamps provide bright, white light and help save on energy and maintenance costs.

Halogen Energy Advantage IR Plus Lamps provide the most enhanced features of our halogen lamp line. The double-ended burner with an IR coating optimizes lumen output. Therefore, you can use a lower wattage lamp to achieve energy savings and also get a longer rated average life than standard halogen equivalents.

Halogená Energy Advantage Lamps provide increased energy saving when compared to standard incandescent lamps and last longer.

EcoVantage Lamps are an elegant, energy saving alternative to ordinary household incandescent light. EcoVantage lamps are fully dimmable and meet the requirement of EISA 2007* legislation.

* Complies with the Energy Independence and Security Act of 2007 (Public Law 110-140). Section 321—Efficient Light Bulbs.

Current Product	Philips Upgrade Product	Benefit	Page
60W PAR38 Halogen	Energy Advantage Halogen PAR38 IR Plus 39W	• High quality light brings out colors and textures • High performance IR coating on a double-ended quartz burner • Increased uniform beam intensity without hot spots	102
75W R20 Incandescent	Halogená Energy Advantage R20 40W	• Save 35W and 47% energy saving[1] • Complies with EISA 2007 (Energy Independence and Security Act of 2007) efficiency standards for 2012–2014	100
60W A19 Incandescent	EcoVantage Natural Light 43W	• Provides light similar to natural daylight • Saves 28% in energy costs when replacing a 60W incandescent[1] • Complies with EISA 2007 (Energy Independence and Security Act of 2007) efficiency standards for 2012–2014	98

1) 75W - 40W = 35W / 75W = 47%. When compared to a 75-Watt standard incandescent A19 rated at 570 lumens, the 40-Watt EcoVantage A19 rated at 570 lumens provides 47% energy savings.
2) 60W - 43W = 17W / 60W = 28%. When compared to a 60-Watt standard incandescent A19 rated at 680 lumens, the 43-Watt EcoVantage A19 rated at 630 lumens provides 28% energy savings.

Halogen Lamps

EcoVantage Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
EcoVantage A-Shape (97, 103)															**FTC REQUIREMENTS**	
29	A19	Med.	40983-9	$	29A19/EV	120	12	White	C, CC-8	4⅞	1000	—	400	0.9	$3.49	2810
			42600-7	$†	29A19/EV	120	24	White	C, CC-8	4⅞	1000	—	400	0.9	$3.49	2810
			41050-6	$	29A19/EV/CL	120	12	Clear	C, CC-8	4⅞	1000	—	400	0.9	$3.49	2790
43	A19	Med.	40984-7	$	43A19/EV	120	12	White	C, CC-8	4⅞	1000	—	750	0.9	$5.18	2920
			42603-1	$†	43A19/EV	120	24	White	C, CC-8	4⅞	1000	—	750	0.9	$5.18	2920
			41049-8	$	43A19/EV/CL	120	12	Clear	C, CC-8	4⅞	1000	—	750	0.9	$5.18	2920
			22695-1	$	43A19/EV/NTL	120	12	Natural Light	C, CC-8	4⅞	1100	—	600	1.0	$5.18	2930
53	A19	Med.	22696-9	$	53A19/EV/NTL	120	12	Natural Light	C, CC-8	4⅞	1100	—	790	1.0	$6.38	2960
72	A19	Med.	40982-1	$	72A19/EV	120	12	White	C, CC-8	4⅞	1000	—	1490	0.9	$8.67	3000
			42604-9	$†	72A19/EV	120	24	White	C, CC-8	4⅞	1000	—	1490	0.9	$8.67	3000
			41048-0	$	72A19/EV/CL	120	12	Clear	C, CC-8	4⅞	1000	—	1490	0.9	$8.67	2990
			22699-3	$	72A19/EV/NTL	120	12	Natural Light	C, CC-8	4⅞	1100	—	1170	1.0	$8.67	3070
EcoVantage Decorative Blister-Carded																
25	B11	Cand.	42411-9	(97)*$†	25B11/E12/EV/CL	120	12	Clear, Blister Card	C, CC-8	3 13/16	2750	—	280	2.5	$3.01	2900
			42415-0	(97)*$†	25B11/E12/EV/FR	120	12	Frost, Blister Card	C, CC-8	3 13/16	2200	—	280	2.0	$3.01	2900
		Med.	42427-5	(97)*$†	25B11/E26/EV/CL	120	12	Clear, Blister Card	C, CC-8	3 11/16	2200	—	280	2.0	$3.01	2900
	BA11	Cand.	42409-3	(97)*$†	25BA11/E12/EV/CL	120	12	Clear, Blister Card	C, CC-8	4	2750	—	280	2.0	$3.01	2900
			42413-5	(97)*$†	25BA11/E12/EV/FR	120	12	Frost, Blister Card	C, CC-8	4	2200	—	280	2.0	$3.01	2900
		Med.	42425-9	(97)*$†	25BA11/E26/EV/CL	120	12	Clear, Blister Card	C, CC-8	3⅞	2200	—	280	2.0	$3.01	2900
	G16½	Cand.	42086-9	(97)*$†	BC25G16½C/EV/CL	120	12	Clear, Blister Card	C, CC-8	2 13/16	2200		270	2.0	$3.01	2700
			42087-7	(97)*$†	BC25G16½C/EV/W	120	12	White, Blister Card	C, CC-8	2 13/16	2200		270	2.0	$3.01	2700
40	B11	Cand.	42412-7	(97)*$†	40B11/E12/EV/CL	120	12	Clear, Blister Card	C, CC-8	3 13/16	2750	—	540	2.5	$4.82	2900
			42416-8	(97)*$†	40B11/E12/EV/FR	120	12	Frost, Blister Card	C, CC-8	3 13/16	2200	—	540	2.0	$4.82	2900
		Med.	42428-3	(97)*$†	40B11/E26/EV/CL	120	12	Clear, Blister Card	C, CC-8	3 11/16	2200	—	540	2.0	$4.82	2900
	BA11	Cand.	42410-1	(97)*$†	40BA11/E12/EV/CL	120	12	Clear, Blister Card	C, CC-8	4	2750	—	540	2.5	$4.82	2900
			42414-3	(97)*$†	40BA11/E12/EV/FR	120	12	Frost, Blister Card	C, CC-8	4	2200	—	540	2.0	$4.82	2900
		Med.	42426-7	(97)*$†	40BA11/E26/EV/CL	120	12	Clear, Blister Card	C, CC-8	3⅞	2200	—	540	2.0	$4.82	2900
72	F15	Med.	42385-5	(88,103)$†	BC72F15/EV/CL	120	4	Clear, Blister Card	C, CC-8	4⅞	1000	—	1490	0.9	$8.67	3000

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Halogen Lamps

EcoVantage Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP*	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
EcoVantage Decorative Boxed (97)																
25	G25	Med.	42423-4	$†	25G25/EV/CL	120	12	Clear	C, CC-8	4 7/16	2200	—	280	2.0	$3.01	2800
			42424-2	$†	25G25/EV/W	120	12	White	C, CC-8	4 7/16	2200	—	255	2.0	$3.01	2800
40	G25	Med.	42084-4	$†	40G25/EV/CL	120	12	Clear	C, CC-8	4 7/16	2200	—	550	2.0	$4.82	2800
			42085-1	$†	40G25/EV/W	120	12	White	C, CC-8	4 7/16	2200	—	500	2.0	$4.82	2800
EcoVantage Reflectors (97)																
40	R20	Med.	42117-2	$©†	40R20/EV/FL	120	6	Flood	C, CC-8	3 15/16	2750	—	570	2.5	$4.82	2700
	BR30	Med.	42106-5	$©†	40BR30/EV/FL	120	5	Flood	C, CC-8	5 3/8	2750	—	590	2.5	$4.82	2710
	BR40	Med.	42116-4	$©†	40BR40/EV/FL	120	4	Flood	C, CC-8	6 1/2	2750	—	605	2.5	$4.82	2730
50	BR30	Med.	42118-0	$©†	50BR30/EV/FL	120	5	Flood	C, CC-8	5 3/8	2750		730	2.5	$6.02	2900
70	BR40	Med.	42119-8	(104)$©†	70BR40/EV/FL	120	4	Flood	C, CC-8	6 1/2	2750		1225	2.5	$8.43	2900
EcoVantage Halogen Pro PAR20 Lamps (82, 86)																
39	PAR20	Med.	42512-4	$†	39PAR20/EVP/SP10	120	15	Spot 10°	C,CC-8	3 3/8	1100	3840	500	1.0	$4.70	2900
			42520-7	$†	39PAR20/EVP/FL25	120	15	Flood 25°	C,CC-8	3 3/8	1100	865	500	1.0	$4.70	2900
EcoVantage Halogen Pro PAR30S Lamps (82, 86)																
39	PAR30S	Med.	42891-2	$†	39PAR30S/EVP/SP10	120	15	Spot 10°	C, CC-8	3 3/8	1100	6300	530	1.0	$4.70	2900
			42896-0	$†	39PAR30S/EVP/FL25	120	15	Flood 25°	C, CC-8	3 3/8	1100	1870	530	1.0	$4.70	2900
53	PAR30S	Med.	42888-8	$©†(104)	53PAR30S/EVP/SP10	120	15	Spot 10°	C, CC-8	3 3/8	1100	10,000	920	1.0	$6.38	2860
			42890-4	$©†(104)	53PAR30S/EVP/FL25	120	15	Flood 25°	C, CC-8	3 3/8	1100	3100	920	1.0	$6.38	2860
			42898-6	$©†(104)	53PAR30S/EVP/WFL40	120	15	Wide Flood 40°	C, CC-8	3 3/8	1100	1400	920	1.0	$6.38	2860
EcoVantage Halogen Pro PAR30L Lamps (82, 86)																
39	PAR30L	Med.	42887-0	$†	39PAR30L/EVP/FL25	120	15	Flood 25°	C, CC-8	4 1/2	1100	1870	520	1.0	$4.70	2900
53	PAR30L	Med.	42892-0	$©†(104)	53PAR30L/EVP/FL25	120	15	Flood 25°	C, CC-8	4 1/2	1100	3100	920	1.0	$6.38	2860
			42895-2	$©†(104)	53PAR30L/EVP/WFL40	120	15	Wide Flood 40°	C, CC-8	4 1/2	1100	1400	920	1.0	$6.38	2860
EcoVantage Halogen Pro PAR38 Lamps (82, 86)																
39	PAR38	Med.Skt.	42886-2	$†	39PAR38/EVP/SP10	120	12	Spot 10°	C, CC-8	5 5/16	1100	7000	570	1.0	$4.70	2900
			42884-7	$†	39PAR38/EVP/FL25	120	12	Flood 25°	C, CC-8	5 5/16	1100	1900	570	1.0	$4.70	2900
53	PAR38	Med.Skt.	42889-6	$©†(104)	53PAR38/EVP/SP10	120	12	Spot 10°	C, CC-8	5 5/16	1100	11,000	920	1.0	$6.38	2860
			42885-4	$©†(104)	53PAR38/EVP/FL25	120	12	Flood 25°	C, CC-8	5 5/16	1100	3250	920	1.0	$6.38	2860
72	PAR38	Med.Skt.	42894-6	$©†(104)	72PAR38/EVP/SP10	120	12	Spot 10°	C, CC-8	5 5/16	1100	16,000	1350	1.0	$8.67	2880
			42893-8	$©†(104)	72PAR38/EVP/FL25	120	12	Flood 25°	C, CC-8	5 5/16	1100	4500	1350	1.0	$8.67	2880

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Halogen Lamps

Halogená and Halogen PAR Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
Halogená Decorative Blister-Carded (96)																
25	F10½	Cand.	14450-1		BC25F10½C/HAL/CL	120	12	Clear, Blister Card	C, CC-8	4⅜	3000	—	300	2.7	$3.01	2900
		Med.	14453-5		BC25F10½/HAL/CL TP	120	12	Clear, Blister Card	C, CC-8	4⅜	3000	—	300	2.7	$3.01	2900
40	F10½	Cand.	14451-9		BC40F10½C/HAL/CL	120	12	Clear, Blister Card	C, CC-8	4⅜	3000	—	540	2.7	$4.82	2900
		Med.	14454-3		BC40F10½/HAL/CL TP	120	12	Clear, Blister Card	C, CC-8	4⅜	3000	—	540	2.7	$4.82	2900
60	F15	Med.	38551-8		BC60F15/HAL/POST TOP	120	4	Clear, Blister Card	C, CC-8	4 13/16	3000	—	1000	2.7	$7.23	2900
Halogená Energy Advantage Pro Packs (97, 102)																
40	R20	Med.	22236-4	$ Ⓔ	40R20/HEA/FL	120	12	Flood	C, CC-8	3 15/16	3000	—	550	2.7	$4.82	2700
	BR30	Med.	21359-5	$ Ⓔ	40BR30/HEA/FL	120	12	Flood	C, CC-8	5⅜	3000	—	570	2.7	$4.82	2700
	BR40	Med.	22238-0	$ Ⓔ	40BR40/HEA/FL	120	12	Flood	C, CC-8	6½	3000	—	590	2.7	$4.82	2730
70	BR40	Med.	22997-1	(104) $ Ⓔ	70BR40/HEA/FL	120	12	Flood	C, CC-8	6½	3000	—	1285	2.7	$8.43	2810
Halogen PAR16 Lamps (82, 86)																
45	PAR16	Med.	26335-0		45PAR16/HAL/SP10	120	15	Spot 10°	C, CC-8	3½	3000	3850	420	2.7	$5.42	2900
			26345-9		45PAR16/HAL/FL27	120	15	Flood 27°	C, CC-8	3½	3000	1275	420	2.7	$5.42	2800
60	PAR16	Med.	33004-3		60PAR16/HAL/SP10	120	15	Spot 10°	C, CC-8	3½	3000	5075	580	2.7	$7.23	2900
			33006-8		60PAR16/HAL/FL27	120	15	Flood 27°	C, CC-8	3½	3000	1900	580	2.7	$7.23	2900
Halogen PAR16 Lamps 130V (82, 86)																
45	PAR16	Med.	26348-3		45PAR16/HAL/FL27	130	15	Flood 27°	C, CC-8	3½	2500	1275	450	4.6	$5.42	2900
								Ratings @ 120V=40W			5000	1040	340			
60	PAR16	Med.	33007-6		60PAR16/HAL/FL27	130	15	Flood 27°	C, CC-8	3½	3000	1900	580	5.5	$7.23	2900
								Ratings @ 120V=53W			6000	1440	450			

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Halogen Lamps

PAR20 Electronic and Energy Advantage Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
PAR20 Electronic Lamps (82, 86)																
20	PAR20	Med.	40494-7	$ ▢	20PAR20E/SP10	120	12	Spot 10°	C, C-8	3⅜	5000	6600	220	4.6	$2.41	2900
		Med.	15216-5	$ ▢	20PAR20E/FL25	120	12	Flood 25°	C, C-8	3⅜	5000	1200	220	4.6	$2.41	2900
Energy Advantage IR Plus (IRC+) Halogen PAR30 Long Neck Lamps (82, 86)																
50	PAR30L	Med.	23799-0	$ © (104)	50PAR30L/IRC+/SP10	120	15	Spot 10°	C, CC-8	4⅞	4400	12,000	900	4.0	$6.02	2750
			23429-4	$ © (104)	50PAR30L/IRC+/FL25	120	15	Flood 25°	C, CC-8	4⅞	4400	3500	900	4.0	$6.02	2750
			23800-6	$ © (104)	50PAR30L/IRC+/WFL40	120	15	Wide Flood 40°	C, CC-8	4⅞	4400	1600	900	4.0	$6.02	2750
Energy Advantage IR Plus (IRC+) Halogen PAR30 Short Neck Lamps (82, 86)																
39	PAR30S	Med.	23853-5		39PAR30S/IRC+/SP10	120	15	Spot 10°	C, CC-8	3⅜	4400	11,000	650	4.0	$4.70	2800
			23854-3		39PAR30S/IRC+/FL25	120	15	Flood 25°	C, CC-8	3⅜	4400	2200	650	4.0	$4.70	2800
50	PAR30S	Med.	14499-7	$ © † (104)	50PAR30S/IRC+/SP10	120	15	Spot 10°	C, CC-8	3⅜	4400	12,000	950	4.0	$6.02	2740
			14500-3	$ © † (104)	50PAR30S/IRC+/FL25	120	15	Flood 25°	C, CC-8	3⅜	4400	3850	950	4.0	$6.02	2740
			14501-1	$ © † (104)	50PAR30S/IRC+/WFL40	120	15	Wide Flood 40°	C, CC-8	3⅜	4400	1420	950	4.0	$6.02	2740
55	PAR30S	Med.	23855-0	$ © (104)	55PAR30S/IRC+/SP10	120	15	Spot 10°	C, CC-8	3⅜	4400	13,000	1020	4.0	$6.62	2760
			23856-8	$ © (104)	55PAR30S/IRC+/FL25	120	15	Flood 25°	C, CC-8	3⅜	4400	3300	1020	4.0	$6.62	2760
			23857-6	$ © (104)	55PAR30S/IRC+/ WFL40	120	15	Wide Flood 40°	C, CC-8	3⅜	4400	1500	1020	4.0	$6.62	2760
Energy Advantage IR Economy (IRCE) Halogen PAR30 Short Neck Lamps (82, 86)																
40	PAR30S	Med.	23751-1	$ © † (104)	40PAR30S/IRCE/SP10	120	15	Spot 10°	C, CC-8	3⅜	3000	8100	640	2.7	$4.82	2770
			23729-7	$ © † (104)	40PAR30S/IRCE/FL25	120	15	Flood 25°	C, CC-8	3⅜	3000	2100	640	2.7	$4.82	2770
50	PAR30S	Med.	23730-5	$ © † (104)	50PAR30S/IRCE/SP10	120	15	Spot 10°	C, CC-8	3⅜	3000	10,000	850	2.7	$6.02	2710
			23731-3	$ © † (104)	50PAR30S/IRCE/FL25	120	15	Flood 25°	C, CC-8	3⅜	3000	3000	850	2.7	$6.02	2710

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PAR20 Med.


PAR20 Electronic Med.


PAR30L Med.


PAR30S Med.

Halogen Lamps

PAR36 and Energy Advantage Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
Halogen PAR36 Lamps (82, 86)																
11	PAR36	MP	15683-6		11PAR36Q/FL30	12	6	PAR, Flood	C, C-6	2¾	2000	—	60	1.8	$1.32	3000
			41718-8	†	11PAR36Q/FL30	12	12	PAR, Flood	C, C-6	2¾	2000	—	60	1.8	$1.32	3000
25	PAR36	MP	42204-8	†	25PAR36Q/FL30	12	12	PAR, Flood	C, C-6	2¾	2000	—	270	1.8	$3.01	3000
36	PAR36	MP	41525-7	†	36PAR36Q/FL30	12	6	PAR, Flood	C, C-6	2¾	4000	—	450	3.7	$4.34	3000
50	PAR36	MP	22859-3	†	50PAR36/NSP	12	12	PAR, Narrow Spot	C, C-6	2¾	2000	—	650	1.8	$6.02	3000
			41524-0	†	50PAR36Q/FL30	12	6	PAR, Flood	C, C-6	2¾	4000	—	650	3.7	$6.02	3000
			29603-8	†	50PAR36/WFL	12	12	PAR, Wide Flood	C, C-6	2¾	2000	—	650	1.8	$6.02	3000
Energy Advantage IR Plus (IRC+) Halogen PAR38 (82, 86)																
39	PAR38	Med.Skt.	23844-4	$	39PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	11,000	680	4.0	$4.70	2800
			23845-1	$	39PAR38/IRC+/FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	2500	680	4.0	$4.70	2800
50	PAR38	Med.Skt.	14505-2	$ Ⓔ (104)	50PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	15,500	950	4.0	$6.02	2760
	Dioptic		14506-0	$ Ⓔ (104)	50PAR38/IRC+/FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	4000	950	4.0	$6.02	2760
	Reflector															
55	PAR38	Med.Skt.	23847-7	$ Ⓔ (104)	55PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	16,500	1100	4.0	$6.62	2700
			23865-9	$ Ⓔ (104)	55PAR38/IRC+/FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	4100	1100	4.0	$6.62	2700
			23849-3	$ Ⓔ (104)	55PAR38/IRC+/WFL40	120	12	Wide Flood 40°	C, CC-8	5⅞	4400	1800	1100	4.0	$6.62	2700
70	PAR38	Med.Skt.	13861-0	$ Ⓔ (104)	70PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	17,800	1500	4.0	$8.43	2860
			13862-8	$ Ⓔ (104)	70PAR38/IRC+/FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	6170	1500	4.0	$8.43	2860
			13863-6	$ Ⓔ (104)	70PAR38/IRC+/WFL40	120	12	Wide Flood 40°	C, CC-8	5⅞	4400	2320	1500	4.0	$8.43	2860
83	PAR38	Med.Skt.	23850-1	$ Ⓔ (104)	83PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	25,000	1750	4.0	$10.00	2730
	Dioptic		23851-9	$ Ⓔ (104)	83PAR38/IRC+FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	7000	1750	4.0	$10.00	2730
	Reflector		23852-7	$ Ⓔ (104)	83PAR38/IRC+/WFL40	120	12	Wide Flood 40°	C, CC-8	5⅞	4400	3000	1750	4.0	$10.00	2730
100	PAR38	Med.Skt.	13876-8	$ Ⓔ (104)	100PAR38/IRC+/SP10	120	12	Spot 10°	C, CC-8	5⅞	4400	26,400	2150	4.0	$12.05	2830
	Dioptic		13877-6	$ Ⓔ (104)	100PAR38/IRC+/FL25	120	12	Flood 25°	C, CC-8	5⅞	4400	8500	2150	4.0	$12.05	2830
	Reflector		13878-4	$ Ⓔ (104)	100PAR38/IRC+/WFL40	120	12	Wide Flood 40°	C, CC-8	5⅞	4400	3500	2150	4.0	$12.05	2830

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Halogen symbols and footnotes located on page 109

PAR36
MP

Energy Advantage IR PAR38
Med. Skt.

Halogen Lamps

Energy Advantage and Mini Reflector Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP*	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
Energy Advantage IR Economy (IRCE) Halogen PAR38 (82, 86)																
40	PAR38	Med.Skt.	42673-4	$ © † (104)	40PAR38/IRCE/SP10	120	12	Spot 10°	C, CC-8	5⅞	3000	9000	640	2.7	$4.82	2700
			42674-2	$ © † (104)	40PAR38/IRCE/FL25	120	12	Flood 25°	C, CC-8	5⅞	3000	2300	640	2.7	$4.82	2700
50	PAR38	Med.Skt.	23733-9	$ © † (104)	50PAR38/IRCE/SP10	120	12	Spot 10°	C, CC-8	5⅞	3000	11,000	850	2.7	$6.02	2700
			23734-7	$ © † (104)	50PAR38/IRCE/FL25	120	12	Flood 25°	C, CC-8	5⅞	3000	3000	850	2.7	$6.02	2700
60	PAR38	Med.Skt.	23739-6	$ © † (104)	60PAR38/IRCE/SP10	120	12	Spot 10°	C, CC-8	5⅞	3000	13,500	1070	2.7	$7.23	2750
			23744-6	$ © † (104)	60PAR38/IRCE/FL25	120	12	Flood 25°	C, CC-8	5⅞	3000	3800	1070	2.7	$7.23	2850
Halogen MRC11 Blister-Carded (92)																
20	MRC11	GU4	41930-9	†	BC20MRC11/FL30 FTD	12	12	Blister Card, Flood 30°	C, CC-8	1⅞	2000	500	230	1.8	$2.41	2800
Halogen MRC11 (Formerly BrilliantLine Pro) (92)																
20	MRC11	GU4	37822-4		20MRC11/FL30 PRO FTD	12	50	Flood 30°	C, CC-8	1⅞	4000	690	320	3.7	$2.41	3100
Halogen MRC11 Landscape (92)																
10	MRC11	GU4	41722-0	†	10MRC11/FL30/LAND/TP	12	6	Flood 30°	C, CC-8	1⅞	2000	550	230	1.8	$1.20	2750
20	MRC11	GU4	15676-0		20MRC11/FL30/LAND/TP	12	6	Flood 30°	C, CC-8	1⅞	2000	500	230	1.8	$2.41	2800
Halogen MRC16 Display Lamps Blister-Carded (Formerly AccentLine) Dichroic Reflector With Lens (92)																
20	MRC16	GU5.3	41931-7	†	BC20MRC16/FL36 BAB	12	12	Blister Card, Flood 36°	C, C-8	1⅞	3000	550	240	2.7	$2.41	3000
			41568-7	†	BC20MRC16/FL36	12	18	Blister Card, Flood 36°	C, C-8	1⅞	3000	—	200	2.7	$2.41	3000
35	MRC16	GU5.3	41932-5	†	BC35MRC16/FL36 FMW	12	12	Blister Card, Flood 36°	C, C-8	1⅞	3000	1000	540	2.7	$4.22	3000
50	MRC16	GU5.3	41563-8	†	BC50MRC16/SP10 EXT	12	12	Blister Card, Spot 10°	C, C-8	1⅞	3000	8800	790	2.7	$6.02	3000
			41580-2	†	BC50MRC16/SP10	12	18	Blister Card, Spot 10°	C, C-8	1⅞	3000	—	600	2.7	$6.02	2800
			41933-3	†	BC50MRC16/FL36 EXN	12	12	Blister Card, Flood 36°	C, C-8	1⅞	3000	1600	850	2.7	$6.02	3000
			41580-2	†	BC50MRC16/FL	12	18	Blister Card, Flood 36°	C, C-8	1⅞	2000	1200	400	1.8	$6.02	2800
Halogen MRC16 Display Lamps Blister-Carded Reflector With Lens (92)																
20	MRC16	GU5.3	41568-7	†	BC20MRC16/FL36	12	18	Blister Card, Flood 36°	C, C-8	1⅞	3000	—	200	2.7	$2.41	3000

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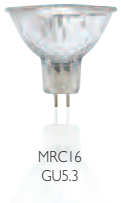
Halogen symbols and footnotes located on page 109

Energy Advantage IR PAR38 Med. Skt.

MRC11 GU4



MRC16 GU5.3

Halogen Lamps

Mini Reflector Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
Halogen MRC16 Landscape Lamps Blister-Carded (Formerly AccentLine) Dichroic Reflector With Lens (92)													**FTC REQUIREMENTS**			
20	MRC16	GU5.3	15677-8		BC20MRC16/FL36/LAND	12	6	Blister Card, Flood 36°	C, C-8	1¾	3000	—	240	2.7	$2.41	3000
35	MRC16	GU5.3	15678-6		BC35MRC16/FL36/LAND	12	6	Blister Card, Flood 36°	C, C-8	1¾	3000	—	400	2.7	$4.22	3000
50	MRC16	GU5.3	15679-4		BC50MRC16/FL36/LAND	12	6	Blister Card, Flood 36°	C, C-8	1¾	3000	—	600	2.7	$6.02	3000
Halogen MR (Formerly AccentLine) (91)																
20	MR16	GU5.3	37802-6		20MR16/SP10 ESX	12	50	Spot 10°	C, C-8	1⅞	3000	3400	240	2.7	$2.41	3100
			37803-4		20MR16/FL36 BAB	12	50	Flood 36°	C, C-8	1⅞	3000	550	240	2.7	$2.41	3100
35	MR16	GU5.3	14056-6		35MR16/FL36	12	50	Flood 36°	C, C-8	1⅞	3000	1000	540	2.7	$4.22	3000
50	MR16	GU5.3	37804-2		50MR16/SP10 EXT	12	50	Spot 10°	C, C-8	1⅞	3000	8800	790	2.7	$6.02	3100
			37807-5		50MR16/NFL24 EXZ	12	50	Narrow Flood 24°	C, C-8	1⅞	3000	2500	800	2.7	$6.02	3100
			37805-9		50MR16/FL36 EXN	12	50	Flood 36°	C, C-8	1⅞	3000	1600	850	2.7	$6.02	3100
Halogen MR Long Life (Formerly BrilliantLine Pro and Continuum Color)																
20	MRC16	GU5.3	37814-1	(92)	20MRC16/SP10 ESX	12	50	Spot 10°	C, C-8	1⅞	6000	5000	310	5.5	$2.41	3100
			37815-8	(92)	20MRC16/FL36 BAB	12	50	Flood 36°	C, C-8	1⅞	6000	780	320	5.5	$2.41	3100
35	MRC16	GU5.3	14054-1	(92)	35MRC16/SP10	12	50	Spot 10°	C, C-8	1⅞	6000	8000	680	5.5	$4.22	3100
			14052-5	(92)	35MRC16/NFL24	12	50	Narrow Flood 24°	C, C-8	1⅞	6000	3100	690	5.5	$4.22	3100
			14053-3	(92)	35MRC16/FL36	12	50	Flood 36°	C, C-8	1⅞	6000	1500	710	5.5	$4.22	3100
50	MRC16	GU5.3	37817-4	(92)	50MRC16/NFL24 EXZ	12	50	Narrow Flood 24°	C, C-8	1⅞	6000	4400	960	5.5	$6.02	3100
			37818-2	(92)	50MRC16/FL36 EXN	12	50	Flood 36°	C, C-8	1⅞	6000	2200	970	5.5	$6.02	3100
75	MR16	GU5.3	37808-3	(91)	75MR16/SP10 EYF	12	50	Spot 10°	C, C-8	1⅞	6000	14,000	1320	5.5	$9.03	3100
			37809-1	(91)	75MR16/FL36 EYC	12	50	Flood 36°	C, C-8	1⅞	6000	2500	1410	5.5	$9.03	3100
Halogen MR Energy Advantage IR (Formerly MasterLine ES IRC) (92)																
20	MRC16	GU5.3	20258-0	$	20MRC16/IRC/ALU/SP8	12	20	Spot 8°	C, C-8	1⅞	5000	6000	320	4.6	$2.41	3100
			20259-8	$	20MRC16/IRC/ALU/FL36	12	20	Flood 36°	C, C-8	1⅞	5000	925	325	4.6	$2.41	3100
30	MRC16	GU5.3	20261-4	$	30MRC16/IRC/ALU/NFL24	12	20	Narrow Flood 24°	C, C-8	1⅞	5000	3000	570	4.6	$3.61	3100
			20262-2	$	30MRC16/IRC/ALU/FL36	12	20	Flood 36°	C, C-8	1⅞	5000	1500	580	4.6	$3.61	3100
35	MRC16	GU5.3	20263-0	$	35MRC16/IRC/ALU/SP8	12	20	Spot 8°	C, C-8	1⅞	5000	12,500	720	4.6	$4.22	3100
			21030-2	$	35MRC16/IRC/NFL24	12	20	Narrow Flood 24°	C, C-8	1⅞	5000	4400	780	4.6	$4.22	3000
			20267-1	$	35MRC16/IRC/ALU/NFL24	12	20	Narrow Flood 24°	C, C-8	1⅞	5000	4000	730	4.6	$4.22	3100
			20268-9	$	35MRC16/IRC/ALU/FL36	12	20	Flood 36°	C, C-8	1⅞	5000	2000	740	4.6	$4.22	3000
			20269-7	$	35MRC16/IRC/ALU/WFL60	12	20	Wide Flood 60°	C, C-8	1⅞	5000	975	750	4.6	$4.22	3100
45	MRC16	GU5.3	20271-3	$	45MRC16/IRC/SP8	12	20	Spot 8°	C, C-8	1⅞	5000	14,000	1030	4.6	$5.42	3100
			20272-1	$	45MRC16/IRC/NFL24	12	20	Narrow Flood 24°	C, C-8	1⅞	5000	5400	1040	4.6	$5.42	3100
			20273-9	$	45MRC16/IRC/FL36	12	20	Flood 36°	C, C-8	1⅞	5000	2600	1050	4.6	$5.42	3100
			20274-7	$	45MRC16/IRC/WFL60	12	20	Wide Flood 60°	C, C-8	1⅞	5000	1250	1180	4.6	$5.42	3100

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MRC16 GU5.3

MR16 GU5.3

Halogen Lamps

Mini Reflector, ALR, ALUline PRO III, Twistline and Linear Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP*	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
													FTC REQUIREMENTS			
Halogen MR Aluminum (Formerly Continuum Pro) (92)																
50	MRC16	GU5.3	13982-4		50 MRC16/FL36/A	12	50	Flood 36°	C, C-8	1⅞	5000	2100	950	4.6	$6.02	3100
Closed Aluminum Reflector (ALR) Lamps Aluminum Reflector With Lens (92)																
20	37mm	BA15d	32840-1		20ALR12/NSP6 GBD Clear	12	50	Clear, Narrow Spot 6°	C, C-8	1½	2000	7000	250	1.8	$2.41	3000
			34002-6		20ALR12/SP18 GBE Frost	12	50	Frost, Spot 18°	C, C-8	1½	2000	1500	250	1.8	$2.41	3000
			34003-4		20ALR12/FL32 GBF Frost	12	50	Frost, Flood 32°	C, C-8	1½	2000	750	250	1.8	$2.41	3000
50	56mm	B15d	34091-9		50ALR18/NFL25 GBK Frost	12	50	Frost, Narrow Flood 25°	C, C-8	2¼	2000	2500	820	1.8	$6.02	3000
ALUline PRO III																
50	ALU Pro III	G53	13396-6		ALUIIIMM 50W G53 12V 8D	12	6	Spot 8°	C, C-8	2³⁄₆₄	3000	23,000	950	2.7	$6.02	3000
			13397-4		ALUIIIMM 50W G53 12V 24D	12	6	Flood 24°	C, C-8	2³⁄₆₄	3000	4000	950	2.7	$6.02	3000
75	ALU Pro III	G53	13398-2		ALUIIIMM 75W G53 12V 8D	12	6	Spot 8°	C, C-8	2³⁄₆₄	3000	30,000	1575	2.7	$9.03	3000
Twistline GU10 Blister-Carded (98)																
25	Twistline	GU10	41693-3	†	BC25TWISTLINE GU10/FL25	120	6	Blister Card, Flood 25°	C, C-6	2	2000	345	160	1.8	$3.01	2700
35	Twistline	GU10	41573-7	†	BC35TWISTLINE GU10/FL25	120	6	Blister Card, Flood 25°	C, C-6	2	2000	480	265	1.8	$4.22	2750
			41825-1	$ †	BC35GU10/HES/FL	120	6	Blister Card, Flood 25°	C, C-6	2	1500	800	410	1.4	$4.22	3000
50	Twistline	GU10	41579-4	†	BC50GU10/HAL/TL	120	6	Blister Card, Flood 25°	C, C-6	2	2000	700	430	1.8	$6.02	2800
			41574-5	†	BC50TWISTLINE GU10/FL25	120	6	Blister Card, Flood 25°	C, C-6	2	2000	700	430	1.8	$6.02	2800
Halogen Single-Ended Linear Lamps Blister-Carded (95)																
50	T4	Mini-Can	41555-4	†	BC50Q/CL	120	12	Blister Card	C, CC-8	2¾	1000	—	500	0.9	$6.02	2700
75	T4	Mini-Can	41556-2	†	BC75Q/CL	120	12	Blister Card	C, CC-8	3	1000	—	1050	0.9	$9.03	2700
			41886-3	$ †	BC75T4Q/HES/MC	120	12	Blister Card	C, CC-8	2¹³⁄₁₆	1500	—	1500	1.4	$9.03	3000
100	T4	Mini-Can	41633-9	†	BC100Q/CL ESN	120	12	Blister Card	C, CC-8	2¹³⁄₁₆	1000	—	1600	0.9	$12.05	2700
150	T4	Mini-Can	41634-7	†	BC150Q/CL ETG	120	12	Blister Card	C, CC-8	3	1000	—	2800	0.9	$18.07	2700

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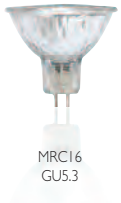
MRC16 GU5.3


MR16 GU5.3


37mm ALR BA15d


56mm ALR B15d


ALU Pro III G53


Twistline GU10


T4 Mini Can

Halogen Lamps

Linear and Capsule Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP♦	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
														FTC REQUIREMENTS		
Halogen Single-Ended Linear Lamps (95)																
100	T4	D.C. Bay	44278-0		100Q/CL/DC ESR	120	12	Clear	C, CC-8	2 7/16	1000	—	1600	0.9	$12.05	2700
150	T4	Mini-Can	20049-3		150Q/CL	130	12	Clear	C, CC-8	3	1000	—	2800	0.9	$18.07	2700
250	T4	Mini-Can	14668-8		250Q/CL EHT	120	12	Clear	C, CC-8	3 1/8	1000	—	5000	0.9	$30.11	2850
			14667-0		250Q/CL	130	12	Clear	C, CC-8	3 1/8	1000	—	5000	0.9	$30.11	2850
Halogen Double-Ended Linear Lamp Blister-Carded (99)																
100	T3	RSC	41560-4	†	BC100T3Q/CL	120	12	Blister Card	C, C-8	3 1/8	2000	—	1600	1.8	$12.05	2900
150	T3	RSC	41561-2	†	BC150T3Q/CL	120	12	Blister Card	C, C-8	3 1/8	2000	—	2400	1.8	$18.07	2900
			41575-2	†	BC150T3Q/CL LONG	120	12	Blister Card	C, C-8	4 5/8	1500	—	2400	1.4	$18.07	2900
			41885-5	$ †	BC150T3Q/HES/CL	120	6	Blister Card	C, C-8	4 5/8	1500	—	2850	1.4	$18.07	3000
300	T3	RSC	20355-4		BC300T3Q/CL	120	12	Blister Card	C, C-8	4 5/8	2000	—	5200	1.8	$36.14	2900
			41571-1	†	BC300T3Q/CL/TP	120	12	Blister Card	C, C-8	4 5/8	2000	—	5200	1.8	$36.14	2900
500	T3	RSC	41572-9	†	BC500T3Q/CL/TP	120	12	Blister Card	C, C-8	4 5/8	2000	—	9500	1.8	$60.23	2900
Halogen Double-Ended Linear Lamp (99)																
300	T3	RSC	39282-9		300T3Q/CL EHM	120	12	Clear	C, C-8	4 5/8	2000	—	5200	1.8	$36.14	2900
500	T3	RSC	13223-3		500T3Q/CL	125 130	12	Clear	C, C-8	4 5/8	2000	—	9200	1.8	$60.23	2850
			20010-5		500T3Q/CL FCL	120	12	Clear	C, C-8	4 5/8	2000	—	9500	1.8	$60.23	2900
1000	T3	RSC	41972-1	†	1000T3Q/CL	240	12	Clear	C, C-8	7 7/16	2000	—	21,500	1.8	$120.45	2,950
1500	T3	RSC	41996-9	†	1500T3Q/CL	277	12	Clear	C, C-8	10	2000	—	33,000	1.8	$180.68	2,950
Halogen Mains-Voltage Capsule Lamp Blister-Carded (95)																
35	T4	GY8.6	41632-1	†	BC35W/T4/120V/CAPSULE	120	12	Blister Card	C. CC2V	1 13/16	2500	—	400	2.3	$4.22	3000
50	T4	GY8.6	41631-3	†	BC50W/T4/120V/CAPSULE	120	12	Blister Card	C, C-8	2 1/4	2500	—	600	2.3	$6.02	3000
75	T4	GY8.6	41667-7	†	BC75W/T4/120V/CAPSULE	120	12	Blister Card	C, C-8	2 1/4	2000	—	1200	1.8	$9.03	3000
			41870-7	$ †	BC75T4Q/HES/CAP	120	12	Blister Card	C, C-8	2 1/4	1500	—	1550	1.4	$9.03	3000
100	T4	GY8.6	41668-5	†	BC100W/T4/120V/CAPSULE	120	12	Blister Card	C, C-8	2 1/4	2500	—	1650	2.3	$12.05	3000
Halogen Low-Voltage Capsule Lamp Blister-Carded (95)																
10	T3	G4	41567-9	†	BC10W/T3/12V	12	12	Blister Card	C, C-8	1 1/4	2000	—	100	1.8	$1.20	3000
20	T3	G4	41566-1	†	BC20W/T3/12V	12	12	Blister Card	C, C-8	1 1/4	2000	—	250	1.8	$2.41	3000
30	T4	GY6.35	41882-2	$ †	BC30T4/HES/12V	12	12	Blister Card	C, C-8	1 3/4	4000	—	750	3.7	$3.61	3000
50	T4	GY6.35	41559-6	†	BC50W/T4/12V	12	12	Blister Card	C, C-8	1 3/4	2000	—	700	1.8	$6.02	3000
75	T4	GY6.35	41558-8	†	BC75W/T4/12V	12	12	Blister Card	C, C-8	1 3/4	2000	—	1100	1.8	$9.03	2800

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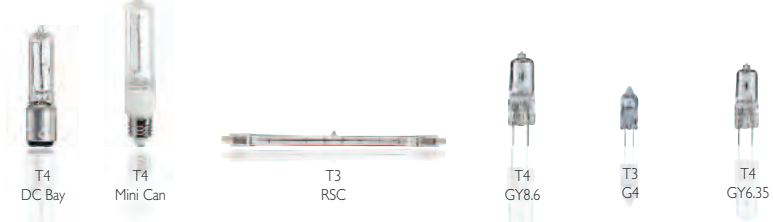


Halogen Lamps

Capsule Lamps

Watts	Bulb	Base	Product Number	Symbols, Footnotes	Ordering Code	Volts	Pkg. Qty.‡	Description	Class Filament	MOL (In.)	Rated Avg. Life (Hrs.)(93)	Approx. MBCP◆	Lumens	Life Years (446)	Energy Cost (445)	Color Temp. (K)
Halogen Low-Voltage Landscape Capsule Lamp Blister-Carded (95)													FTC REQUIREMENTS			
10	T3	G4	41567-9	†	BC10W/T3/LAND/TP	12	12	Blister Card	C, C-8	1¼	2000	—	100	1.8	$1.20	3000
20	T3	G4	41720-4	†	BC20W/T3/LAND/TP	12	12	Blister Card	C, C-8	1¼	2000	—	250	1.8	$2.41	3000
50	T4	GY6.35	41710-5	†	BC50W/T4/12V	12	48	Blister Card	C, C-8	1¼	2000	—	465	1.8	$6.02	2800
Halogen Low-Voltage Capsule Lamp																
All Lamps Contain UV Block and are Low Pressure (95)																
10	T3	G4	23262-9		10W/T3/12V	12	100	Capsule Type 13284	C, C-8	1¼	2000	—	140	1.8	$1.20	2850
20	T3	G4	23264-5		20W/T3/12V	12	100	Capsule Type 13078	C, C-8	1¼	2000	—	320	1.8	$2.41	3000
35	T4	GY6.35	29553-5		35W/T4/12V	12	100	Capsule Type 13103	C, C-8	1¾	2000	—	600	1.8	$4.22	3000
50	T4	GY6.35	23265-2		50W/T4/12V	12	100	Capsule Type 13079	C, C-8	1¾	2000	—	800	1.8	$6.02	2800

For the most current product information, go to the e-catalog on **www.philips.com**

Halogen symbols and footnotes located on page 109

T3
G4

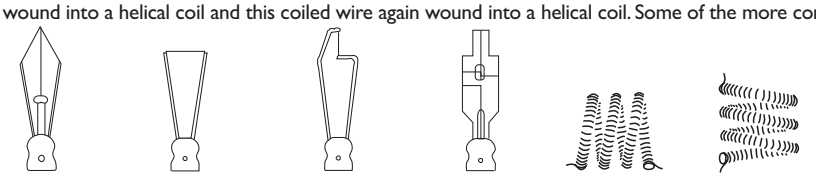
T4
GY6.35

Halogen Lamps

Filament Designations, Base Types and Bulb Shapes

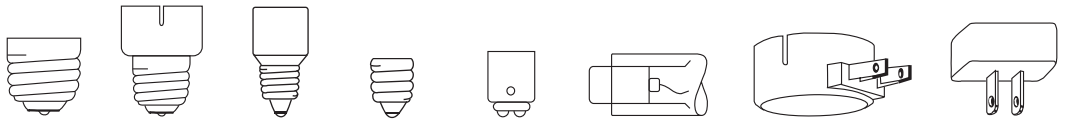
Filament Designations (Not Actual Sizes)

Filament Designations consist of a letter or letters to indicate how the wire is coiled and an arbitrary number sometimes followed by a letter to indicate the arrangement of the filament on the supports. Prefix letters include C (coil) — wire is wound into a helical coil or it may be deeply fluted; CC (coiled coil) — wire is wound into a helical coil and this coiled wire again wound into a helical coil. Some of the more commonly used types of filament arrangements are illustrated.

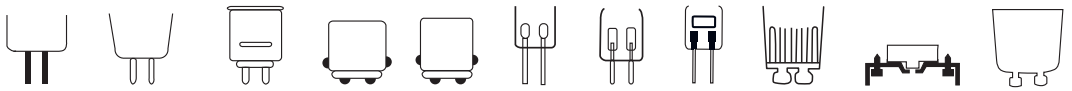


C-2V CC-2V | C-6 CC-6 | C-8 CC-8 | 2CC-8 | CC-6 | CC-8

Base Types (Not Actual Sizes)



Medium Med. | Medium Skirted Med. Skt. | Miniature Candelabra | Candelabra Cand. | Double Contact Bayonet D.C. Bay. | Recessed Single Contact RSC | Medium Side Prong | Insul. End. Prong or Mogul End Prong

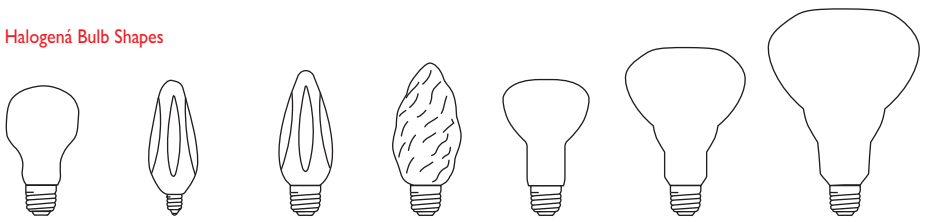


GU4 | GU5.3 | Medium 2-Pin | B15d | BA15d | G4 | GY6.35 | GY8.6 | GU10 | G53 | GU7

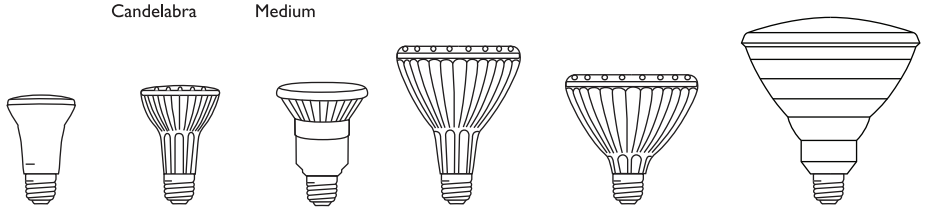
Bulb Shapes (Not Actual Sizes)

The size and shape of a bulb is designated by a letter or letters followed by a number. The letter indicates the shape of the bulb while the number indicates the diameter of the bulb in eighths of an inch. For example, "T10" indicates a tubular shaped bulb having a diameter of 1⅛ or 1¼ inches. The following illustrations show some of the more popular bulb shapes and sizes.

Halogená Bulb Shapes

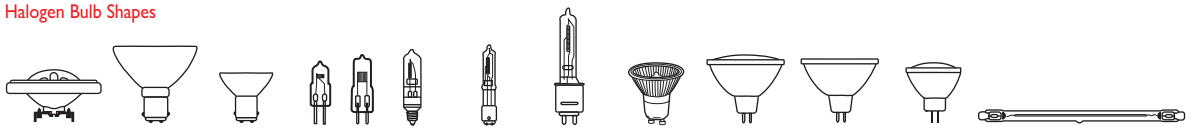


T60 | F10½ Candelabra | F10½ Medium | F15 | R20 | BR30 | BR40

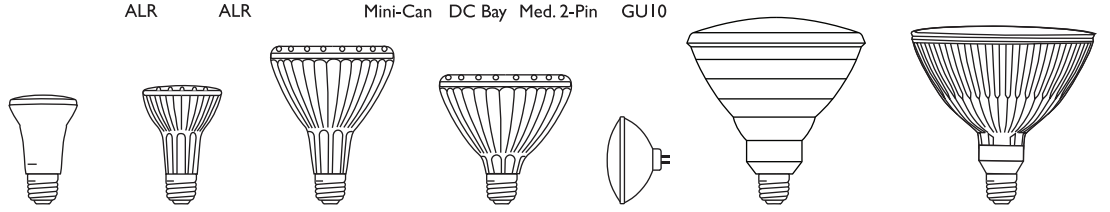


PAR16 | PAR20 | PAR20 Electronic | PAR30L | PAR30S | PAR38 Standard Reflector

Halogen Bulb Shapes



ALU-Pro III | 56mm ALR | 37mm ALR | T3 | T4 | T4 Mini-Can | T4 DC Bay | T5 Med. 2-Pin | Twistline GU10 | MRC16 | MR16 | MRC11 | T3 RSC



PAR16 | PAR20 | PAR30L | PAR30S | PAR36 | PAR38 Standard Reflector | PAR38 DiOptic Reflector

For the most current product information, go to the e-catalog on www.philips.com

□ Exclusive to Philips Lighting Company

$ Energy Saving Product

♦ Maximum Beam Candlepower

℮ This Bulb Meets US Federal Minimum Efficiency Standards

† New since last printing

* Two Lamp Carded Pack

‡ Quantity shown is minimum shipping container—refer to Net Price Schedule for number of lamps to qualify as a standard case

(82) CAUTION: To avoid deterioration of lampholder by heat, use only heat resistant lampholders or fixtures listed by a nationally recognized electrical testing organization for use with reflector or PAR lamps.

(86) PAR Halogen Caution Notice: Before using bulb, see operating instructions on inside flap. Adherence to the operating instructions will reduce the risk of personal injury or fire. The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire. **Operating Instructions:** Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

- For indoor or outdoor use. A weather-protected fixture is recommended for wet locations.
- Suitable for use in open fixtures.
- Do not exceed the maximum wattage rating of the fixture.
- Do not use if outer glass is scratched or broken since it may break during operation or removal.
- If outer glass breaks the lamp may continue to light, however, immediately discontinue use.
- Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading.
- Manage in accord with disposal laws.

(88) OPERATING INSTRUCTIONS: Before replacing, turn off power and let lamp cool to avoid electrical shock or burn. Do not allow hot bulb to come in contact with liquid or metal parts of the fixture as glass may shatter. Suitable for use in open fixtures. Do not exceed the maximum wattage rating of the fixture. Do not use if outer glass is scratched or broken since it may break during operation or removal. If outer glass breaks the lamp may continue to light, however, immediately discontinue use. Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading. Manage in accord with disposal laws.

CAUTION: Before using bulb, see operating instructions. Adherence to the operating instructions will reduce the risk of personal injury or fire. The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire.

(91) CAUTION: Do not touch inner capsule with bare hands. Fingerprints may result in shorter life. Remove fingerprints with alcohol. **THIS LAMP IS PRESSURIZED AND COULD SHATTER** so to avoid injury and to avoid exposure to ultraviolet radiation, use only in fixtures that provide a protective shield of tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

(92) CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

(93) Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

(95) NOTICE: Do not touch bulb with bare hands. Fingerprints may result in shorter life. Remove fingerprints with alcohol.

CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, use only in fixtures that provide a protective shield of tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350° C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

(96) Operating Instructions: Do not use lamp in close proximity to combustible materials. If used outdoors, use in an enclosed fixture only. If used indoors, no additional shield is required. Can be operated in all positions.

CAUTION: Read operating instructions before use. If outer glass breaks, turn power off immediately and avoid touching any metal components. To avoid potential burn and electrical shock during lamp replacement, always turn power off and let lamp cool before replacing bulb.

(97) Operating Instructions: Before replacing, turn off power and let lamp cool to avoid electrical shock or burn. For indoor use only. Do not allow hot bulb to come in contact with liquid or metal parts of the fixture as glass may shatter. Do not exceed the maximum wattage rating of the fixture. Do not use if outer glass is scratched or broken since it may break during operation or removal. If outer glass breaks the lamp may continue to light, however, immediately discontinue use. Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading. Manage in accord with disposal laws.

CAUTION: Adherence to the operating instructions will reduce the risk of personal injury or fire. The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire.

(98) NOTICE: This twistline has a GU10 base and may be used in fixtures that have either GU10 or GZ10 sockets. **Operating Instructions:** Do not use in close proximity to combustible materials or objects adversely affected by drying or fading. Can be operated in all positions.

CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, this lamp should be used in a fixture that provides a protective shield of tempered glass. If outer glass breaks, immediately discontinue use. Always turn power off and let lamp cool before removal to avoid potential burn or electric shock.

(99) WARNING: BULB OPERATES AT VERY HIGH TEMPERATURES AND MUST BE USED PROPERLY TO AVOID/REDUCE RISK OF FIRE. Do not use bulbs greater than 300 watts in indoor residential fixtures. Use only in fixtures specifying this bulb type and that meet revised UL 153 standard for tungsten-halogen torchiere lamps. Bulb is pressurized and could shatter and should only be used in fixtures that provide a protective shield of tempered glass. To avoid exposure to ultraviolet radiation which could cause skin and eye irritation use only in fixtures that provide a protective shield of tempered glass.

NOTICE: Do not touch bulb with bare hands. Fingerprints may result in reduced performance unless they are removed with alcohol. When operating, bulb is hot. To avoid risks of burns or injury, turn power off and allow bulb to cool before replacing. Socket conditions may affect bulb life. Inspect and replace socket if deterioration has occurred. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C. **TO AVOID/REDUCE RISK OF FIRE, DO NOT USE NEAR COMBUSTIBLE MATERIALS.**

(102) Complies with CEC-140-2008-001, Part 1605.2 State Standards for Federally Regulated Appliances, Table K-3. For more information go to www.energy.ca.gov/siting/title20/.

(103) Complies with the Energy Independence and Security Act of 2007 (Public Law 110-140). Section 321—Efficient Light Bulbs.

(104) Complies with the Energy Independence and Security Act of 2007 (Public Law 110-140), Section 322—Incandescent Reflector Lamp Efficiency Standards.

(445) Estimated energy cost is based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use.

(446) Life in years is based on 3 hrs/day.

Halogen and Incandescent Replacement Guide

General Service Incandescent Lamps affected by EISA Section 321*

Banned by Legislation		Professional and Consumer Replacement	
Product Number	Ordering Code	Product Number	Ordering Code
13254-8	100A/W 12/4	40982-1	72A19/EV
13255-5	100A/W/TP 24/4	40982-1	72A19/EV
13423-9	100G25/W/LL 12/1	—	—
13560-8	75A/NTL 12/4	22696-9	53A19/EV/NTL
13561-6	100A/NTL 12/4	22699-3	72A19/EV/NTL
13684-6	100A	40982-1	72A19/EV
13996-3	75A/CL 120/1 PRO	41048-0	72A19/EV/CL
13997-1	75A 120/1 PRO	40982-1	72A19/EV
13998-9	100A/CL 120/1 PRO	41048-0	72A19/EV/CL
13999-7	100A 120/1 PRO	40982-1	72A19/EV
14297-5	200/99IF	—	—
14997-0	75A/W 12/4	40982-1	72A19/EV
15000-3	75A-67A/99/EW	40982-1	72A19/EV
15001-1	100A-90A/99EW	40982-1	72A19/EV
15002-9	150A-135A/99/EW	—	—
15008-6	100A/CL/LL 12/2	41048-0	72A19/EV/CL
15009-4	150A/CL/LL 12/1 TP	—	—
15129-0	75A/NTL/2X 12/4	22696-9	53A19/EV/NTL
15130-8	100A/NTL/2X 12/4	22699-3	72A19/EV/NTL
16739-5	75A/WL 24/4	40982-1	72A19/EV
16740-3	100A/WL 24/4	40982-1	72A19/EV
16801-3	75A/CL/LL 12/2	41048-0	72A19/EV/CL
16844-3	100F20/POSTLT/CL/LL 6/1	42385-5	BC72F15/EV/CL
16850-0	100G30/W/LL 6/1	—	—
16862-5	100A/WL 12/4	40982-1	72A19/EV
16866-6	150A/WL 12/1	—	—
16879-9	75A/WL 12/4	40982-1	72A19/EV
21386-8	BC70BT15/HAL/W	40982-1	72A19/EV
21443-7	38A/W/TP 12/4	40984-7	43A19/EV
21444-5	38A/CL	41050-6	29A19/EV/CL
21446-0	38A/CL/LL 12-2 WP TP	41050-6	29A19/EV/CL
21447-8	38A/WL/TP 12/4	40983-9	29A19/EV
21452-8	57A/CL/LL/TP 12/2	41049-8	43A19/EV/CL
21453-6	71A/W/TP 24/4	40982-1	72A19/EV
21454-4	71A	40982-1	72A19/EV
21455-1	71A/CL/LL 120V 12/2 WP TP	41048-0	72A19/EV/CL
21459-3	95A	40982-1	72A19/EV
21460-1	95A/W 24/4	40982-1	72A19/EV
21461-9	95A/WL 24/4	40982-1	72A19/EV
21463-5	57A/CL	40984-7	43A19/EV
21466-8	57A	40984-7	43A19/EV
21469-2	71A	40982-1	72A19/EV
21470-0	71A/CL	41048-0	72A19/EV/CL
21473-4	95A/CL	41048-0	72A19/EV/CL
21474-2	95A	40982-1	72A19/EV
21497-3	57A 12/4	40984-7	43A19/EV
21498-1	57A/W/TP 12/4	40984-7	43A19/EV
21499-9	57A/WL 12/4 TP	40984-7	43A19/EV
21501-2	71A/W/TP 12/4	40982-1	72A19/EV

* EISA Section 321 refers to energy efficiency standards for general service incandescent lamps.

Halogen and Incandescent Replacement Guide

General Service Incandescent Lamps affected by EISA Section 321*

Banned by Legislation		Professional and Consumer Replacement	
Product Number	Ordering Code	Product Number	Ordering Code
21502-0	71A/WL 24/4	40982-1	72A19/EV
21503-8	71A/WL /TP 12/4	40982-1	72A19/EV
21504-6	95A/W/TP 12/4	40982-1	72A19/EV
21818-0	95A/WL 12/4	40982-1	72A19/EV
22240-6	75A-67A/EW	40982-1	72A19/EV
22241-4	75A-67A/EW	40982-1	72A19/EV
22243-0	100A-90A/EW	40982-1	72A19/EV
22244-8	100A-90A/EW	40982-1	72A19/EV
22430-3	100A23	—	—
22979-9	100A/99	40982-1	72A19/EV
23415-3	75A 120V 24-2LP/SL W/P	40982-1	72A19/EV
24135-6	75A/WL	40982-1	72A19/EV
24927-6	BC75BT15/HAL/W	40982-1	72A19/EV
24931-8	BC100BT15/HAL/W	40982-1	72A19/EV
26836-7	135A25/35	—	—
27069-4	150A	—	—
27083-5	75A 12/4	40982-1	72A19/EV
28171-7	100A21	—	—
28172-5	150A23	—	—
28173-3	150	—	—
28174-1	150PS25/99	—	—
28175-8	150A-135A/EW	—	—
31305-6	75A21	—	—
37406-6	75A/99	40982-1	72A19/EV
37411-6	100A21/35	—	—
37417-3	150A/99	—	—
37460-3	100A21/99	—	—
37472-8	75A	40982-1	72A19/EV
37473-6	75A	40982-1	72A19/EV
37474-4	100A	40982-1	72A19/EV
37476-9	100A	40982-1	72A19/EV
37485-0	75A/W 12/4	40982-1	72A19/EV
37486-8	75A/W/TP 24/4	40982-1	72A19/EV
37525-3	75A/CL	41048-0	72A19/EV/CL
37527-9	100A/CL	41048-0	72A19/EV/CL
40948-2	57A/W/TP	40984-7	43A19/EV

* EISA Section 321 refers to energy efficiency standards for general service incandescent lamps.

Halogen and Incandescent Replacement Guide

Incandescent Reflector Lamps Affected by EISA Section 322 & DOE Rulemaking*

Banned by Legislation		Professional Replacement		Consumer Replacement	
Product #	Ordering Code	Product #	Ordering Code	Product #	Ordering Code
13401-5	45PAR38/HAL/FL/LL	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
13402-3	90PAR38/HAL/FL/LL	13862-8	70PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
13403-1	90PAR38/HAL/FL/LL	13862-8	70PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
13404-9	45PAR38/HAL/SP/LL	23844-4	39PAR38/IRC+/SP10	41943-2	39PAR38/EV/SP10
13405-6	90PAR38/HAL/SP/LL	13861-0	70PAR38/IRC+/SP10	41938-2	72PAR38/EV/SP10
13407-2	50PAR30L/HAL/FL/LL	23429-4	50PAR30L/IRC+/FL25	41974-7	39PAR30L/EV/FL25
13408-0	75PAR30L/HAL/FL/LL	23429-4	50PAR30L/IRC+/FL25	41954-9	53PAR30L/EV/FL25
13409-8	75PAR30L/HAL/SP/LL	23799-0	50PAR30L/IRC+/SP10	41956-4	53PAR30L/EV/SP10
13410-6	50PAR20/HAL/FL/LL	15216-5	20PAR20E/HAL/FL25	41986-1	39PAR20/EV/FL25
13411-4	50PAR20/HAL/SP/LL	15216-5	20PAR20E/HAL/FL25	41973-9	39PAR20/EV/SP10
13467-6	75PAR30S/HAL/FL25	23856-8	55PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
13846-1	50PAR20/HAL/SP10	40494-7	20PAR20E/HAL/SP10	41973-9	39PAR20/EV/SP10
13848-7	75PAR30L/HAL/SP10	23799-0	50PAR30L/IRC+/SP10	41956-4	53PAR30L/EV/SP10
13849-5	75PAR30S/HAL/SP10	23855-0	55PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
13853-7	50PAR30S/IRC/HAL/SP10	23853-5	39PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
13854-5	50PAR30S/IRC/HAL/FL25	23854-3	39PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
13855-2	50PAR30S/IRC/HAL/WFL40	23854-3	39PAR30S/IRC+/FL25	—	—
13856-0	45PAR38/IRC/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
13857-8	45PAR38/IRC/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
13858-6	55PAR38/IRC/HAL/SP10	14505-2	50PAR38/IRC+/SP10	41945-7	53PAR38/EV/SP10
13859-4	55PAR38/IRC/HAL/FL25	14506-0	50PAR38/IRC+/FL25	41944-0	53PAR38/EV/FL25
13860-2	55PAR38/IRC/HAL/WFL40	14507-8	50PAR38/IRC/WFL40	—	—
13864-4	90PAR38/IRC/HAL/SP10	13861-0	70PAR38/IRC+/SP10	—	—
13865-1	90PAR38/IRC/HAL/FL25	13862-8	70PAR38/IRC+/FL25	42498-5	83PAR38/EV/FL25/LL
13866-9	90PAR38/IRC/HAL/WFL40	13863-6	70PAR38/IRC+/WFL40	—	—
13873-5	60PAR38/IRC/HAL/SP10	23847-7	55PAR38/IRC+/SP10	41938-2	72PAR38/EV/SP10
13874-3	60PAR38/IRC/HAL/FL25	23865-9	55PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
13875-0	60PAR38/IRC/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
13879-2	60PAR38/IRC/HAL/FL25	23865-9	55PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
13918-8	60PAR38/IRC/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
13919-6	45PAR38/IRC/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41943-2	39PAR38/EV/SP10
13920-4	60PAR38/IRC/HAL/SP10	23847-7	55PAR38/IRC+/SP10	41938-2	72PAR38/EV/SP10
14022-8	60PAR38/HAL/FL/LL	23845-1	39PAR38/IRC+/FL25	42128-9	39PAR38/EV/FL25/LL
14482-4	60PAR38/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41944-0	53PAR38/EV/FL25
14483-2	60PAR38/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41945-7	53PAR38/EV/SP10
14484-0	60PAR38/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
14485-7	75PAR38/HAL/SP10	23847-7	55PAR38/IRC+/SP10	41945-7	53PAR38/EV/SP10
14486-5	75PAR38/HAL/FL25	23865-9	55PAR38/IRC+/FL25	41944-0	53PAR38/EV/FL25
14487-3	90PAR38/HAL/WFL40	13863-6	70PAR38/IRC+/WFL40	—	—
14488-1	60PAR38/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41944-0	53PAR38/EV/FL25
14489-9	60PAR38/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41945-7	53PAR38/EV/SP10
14490-7	60PAR38/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41945-7	53PAR38/EV/SP10
14491-5	60PAR38/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
14493-1	75PAR38/HAL/SP10	23847-7	55PAR38/IRC+/SP10	41945-7	53PAR38/EV/SP10
14494-9	75PAR38/HAL/FL25	23865-9	55PAR38/IRC+/FL25	41944-0	53PAR38/EV/FL25
14495-5	90PAR38/HAL/WFL40	13863-6	70PAR38/IRC+/WFL40	—	—
14496-3	40PAR30S/IRC/HAL/SP10	23853-5	39PAR30S/IRC+/SP10	42111-5	39PAR30S/EV/SP10
14497-1	40PAR30S/IRC/HAL/FL25	23854-3	39PAR30S/IRC+/FL25	42110-7	39PAR30S/EV/FL25
14498-9	40PAR30S/IRC/HAL/WFL40	23854-3	39PAR30S/IRC+/FL25	42110-7	39PAR30S/EV/FL25
14499-7	50PAR30S/IRC+/SP10	23853-5	39PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
14500-3	50PAR30S/IRC+/FL25	23854-3	39PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
14501-1	50PAR30S/IRC+/WFL40	23854-3	39PAR30S/IRC+/FL25	—	—
14502-9	40PAR38/IRC/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41943-2	39PAR38/EV/SP10
14503-7	40PAR38/IRC/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
14504-5	40PAR38/IRC/HAL/WFL40	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
14507-8	50PAR38/IRC/HAL/WFL40	23849-3	55PAR38/IRC+/WFL40	—	—
14720-7	75PAR38/NLP/FL	23865-9	55PAR38/IRC+/FL25	41944-0	53PAR38/EV/FL25
14989-8	60PAR30S/IRC/HAL/WFL40	23857-6	55PAR30S/IRC+/WFL40	—	—
15004-5	60PAR30S/IRC/HAL/SP10	23855-0	55PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10

* EISA Section 322 & DOE Rulemaking refers to energy efficiency standards for incandescent reflector lamps.

Halogen and Incandescent Replacement Guide

Incandescent Reflector Lamps affected by EISA Section 322 & DOE Rulemaking*

Banned by Legislation		Professional Replacement		Consumer Replacement	
Product #	Ordering Code	Product #	Ordering Code	Product #	Ordering Code
15007-8	60PAR30S/IRC/HAL/FL25	23856-8	55PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
15879-0	60BR30/HAL/FL	21359-5	40BR30/HEA/FL	42118-0	50BR30/EV/FL
20231-7	45PAR38/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
20234-1	90PAR38/HAL/FL25	13862-8	70PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
20257-2	60BR30/HAL/NLP/FL	—	—	—	—
20573-2	60BR40/HAL/NLP/FL	—	—	—	—
20579-9	60BR30/HAL/FL/LL	21359-5	40BR30/HEA/FL	42118-0	50BR30/EV/FL
20580-7	60BR40/HAL/FL/LL	22238-0	40BR40/HEA/FL	42116-4	40BR40/EV/FL
22486-5	60K19/DL	—	—	—	—
22906-2	50PAR20/HAL/SP10	40494-7	20PAR20E/HAL/SP10	41973-9	39PAR20/EV/SP10
22911-2	50PAR20/HAL/FL25	15216-5	20PAR20E/HAL/FL25	41986-1	39PAR20/EV/FL25
22921-1	50PAR20/HAL/FL25	15216-5	20PAR20E/HAL/FL25	41986-1	39PAR20/EV/FL25
22922-9	50PAR30L/HAL/SP10	23799-0	50PAR30L/IRC+/SP10	42303-8	39PAR30L/EV/SP10
22923-7	50PAR30L/HAL/WSP16	23799-0	50PAR30L/IRC+/SP10	42303-8	39PAR30L/EV/SP10
22925-2	50PAR30L/HAL/FL25	23429-4	50PAR30L/IRC+/FL25	41942-4	39PAR38/EV/FL25
22926-0	50PAR30L/HAL/FL25	23429-4	50PAR30L/IRC+/FL25	41942-4	39PAR38/EV/FL25
22927-8	50PAR30L/HAL/WFL40	23800-6	50PAR30L/IRC+/WFL40	—	—
22928-6	50PAR30L/HAL/WFL40	23800-6	50PAR30L/IRC+/WFL40	—	—
22930-2	75PAR30L/HAL/SP10	23799-0	50PAR30L/IRC+/SP10	41956-4	53PAR30L/EV/SP10
22934-4	75PAR30L/HAL/WSP16	23799-0	50PAR30L/IRC+/SP10	41956-4	53PAR30L/EV/SP10
22941-9	75PAR30L/HAL/FL25	23429-4	50PAR30L/IRC+/FL25	41954-9	53PAR30L/EV/FL25
22943-5	75PAR30L/HAL/FL25	23429-4	50PAR30L/IRC+/FL25	41954-9	53PAR30L/EV/FL25
22944-3	75PAR30L/HAL/WFL40	23800-6	50PAR30L/IRC+/WFL40	—	—
22945-0	75PAR30L/HAL/WFL40	23800-6	50PAR30L/IRC+/WFL40	—	—
22946-8	45PAR38/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41943-2	39PAR38/EV/SP10
22947-6	45PAR38/HAL/SP10	23844-4	39PAR38/IRC+/SP10	41943-2	39PAR38/EV/SP10
22949-2	45PAR38/HAL/FL25	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
23069-8	90PAR38/HAL/SP10	13861-0	70PAR38/IRC+/SP10	41938-2	72PAR38/EV/SP10
23650-5	90PAR38/HAL/SP10	13861-0	70PAR38/IRC+/SP10	41938-2	72PAR38/EV/SP10
23651-3	90PAR38/HAL/FL25	13862-8	70PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
26349-1	50PAR30S/HAL/SP10	23853-5	39PAR30S/IRC+/SP10	—	—
26357-4	50PAR30S/HAL/SP10	23853-5	39PAR30S/IRC+/SP10	—	—
26358-2	50PAR30S/HAL/FL25	23854-3	39PAR30S/IRC+/FL25	—	—
26362-4	50PAR30S/HAL/FL25	23854-3	39PAR30S/IRC+/FL25	—	—
26364-0	50PAR30S/HAL/WFL40	23854-3	39PAR30S/IRC+/FL25	—	—
26384-8	50PAR30S/HAL/WFL40	23854-3	39PAR30S/IRC+/FL25	—	—
26877-1	90PAR38/HAL/FL	13862-8	70PAR38/IRC+/FL25	41940-8	72PAR38/EV/FL25
26883-9	45PAR38/HAL/FL	23845-1	39PAR38/IRC+/FL25	41942-4	39PAR38/EV/FL25
27429-0	90PAR38/HAL/FL	13862-8	70PAR38/IRC+/FL25	41946-5	72PAR38/EV/FL25
28479-4	75PAR30S/HAL/SP10	23855-0	55PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
28488-5	75PAR30S/HAL/FL25	23856-8	55PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
28491-9	75PAR30S/HAL/WFL40	23857-6	55PAR30S/IRC+/WFL40	—	—
28492-7	75PAR30S/HAL/WFL40	23857-6	55PAR30S/IRC+/WFL40	—	—
30728-0	40K19/DL	—	—	—	—
35751-7	60PAR30S/HAL/SP10	23855-0	55PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
35752-5	60PAR30S/HAL/SP10	23855-0	55PAR30S/IRC+/SP10	42112-3	53PAR30S/EV/SP10
35753-3	60PAR30S/HAL/FL25	23856-8	55PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
35758-2	60PAR30S/HAL/WFL40	23857-6	55PAR30S/IRC+/WFL40	—	—
35762-4	60PAR30S/HAL/WFL40	23857-6	55PAR30S/IRC+/WFL40	—	—
35788-9	60PAR30S/HAL/FL25	23856-8	55PAR30S/IRC+/FL25	42143-8	53PAR30S/EV/FL25
38849-6	60BR30/HAL/FL	21359-5	40BR30/HEA/FL	42118-0	50BR30/EV/FL
38875-1	60BR30/HAL/SP	—	—	—	—
38884-3	60PAR38/HAL/2FL	—	—	—	—
38886-8	90PAR38/HAL/2FL	—	—	—	—
38887-6	60PAR38/HAL/3FL	38890-0	90PAR38/HAL/3FL	—	—
38925-4	90PAR38/HAL/FL	13862-8	70PAR38/IRC+/FL25	41941-6	72PAR38/EV/FL25
39174-8	60BR40/HAL/FL	22238-0	40BR40/HEA/FL	42116-4	40BR40/EV/FL

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