

specialty & accessories



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how to read a table

BULB Designations indicate shape and size. Illustrations can be found on page 118 and at the top of each page.

PACKAGE QUANTITY

Indicates minimum sell quantity and smallest shipping carton.

PRODUCT CODE Abbreviated product description can also be used for ordering.

BEAM SPREAD Indicates the beam angle or beam spread of a bulb, measured in degrees.

PRODUCT NUMBER Use this product number when placing an order.

LUMENS Represents average light output.

DESCRIPTION Color description or other important information.

MOL Indicates maximum overall length in inches.

Bulb	Base	Product Number	Product Code	Description	Volts	Color Temp.	Lumens	Avg. Life	Pkg Qty	Beam Spread	MOL
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ProLED PAR Lamps

5 WATT

PAR16	Med.	80827	PAR165NW40/LED	Natural White	120	5600	180	30000	1/10	40	3.35"
		80826	PAR165WW40/LED	Warm White	120	3100	140	30000	1/10	40	3.35"
		80831	PAR165AMB60/LED	Amber	120	-	-	30000	1/10	60	3.35"
		80829	PAR165BLU60/LED	Blue	120	-	-	30000	1/10	60	3.35"
		80830	PAR165GRN60/LED	Green	120	-	-	30000	1/10	60	3.35"
		80828	PAR165RED60/LED	Red	120	-	-	30000	1/10	60	3.35"

ANSI Code	Bulb	Base	Watts	Volts	Pkg Qty	Avg. Life	Filament	Lumens	Color Temp.	Operating Position
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Haleco Photo/Projection/SSTV

BTL	T6	P28s	500	120	10/100	500	C-13	11000	3000	BOTH
BTN	T7	P28s	750	120	10/100	500	C-13D	17500	3200	U
DDL	MR16	GX5.3	150	20	10/250	500	C-8	-	3150	BOTH
DDS	MR16	GX5.3	80	21	10/250	1000	CC-8	-	3125	BOTH

ANSI CODE The specific electrical characteristics of a lamp.

BASE Indicates base type. Full base descriptions and illustrations can be found on page 118.

WATTS Indicates the power consumed by the lamp during operation.

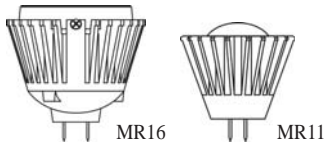
VOLTS Indicates the product's design voltage of operation.

AVERAGE LIFE Average rated life expressed in hours.

FILAMENT Filament types are illustrated on page 118.

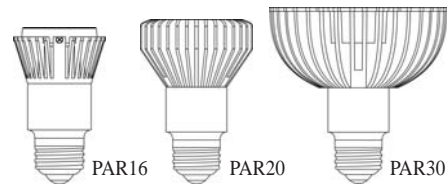
COLOR TEMP. A term used to describe the color of a light source and is expressed in degrees Kelvin (K).

OPERATING POSITION Indicates the approved operating position of a lamp.



Bulb	Base	Product Number	Product Code	Description	Volts	Color Temp.	Lumens	Avg. Life	Pkg Qty	Beam Spread	MOL
ProLED MR11, MR16											
2 WATT											
MR11	G4	80603	MR11/2NW25/LED	Natural White	12	5600	80	30000	1/10	25	1.39"
		80600	MR11/2WW25/LED	Warm White	12	3100	68	30000	1/10	25	1.39"
		80604	MR11/2NW40/LED	Natural White	12	5600	80	30000	1/10	40	1.39"
		80601	MR11/2WW40/LED	Warm White	12	3100	68	30000	1/10	40	1.39"
		80605	MR11/2NW120/LED	Natural White	12	5600	80	30000	1/10	120	1.39"
		80602	MR11/2WW120/LED	Warm White	12	3100	68	30000	1/10	120	1.39"
3 WATT											
MR16	G5.3	80608	MR16/3NW25/LED	Natural White	12	5600	140	30000	1/10	25	2.1"
		80606	MR16/3WW25/LED	Warm White	12	3100	110	30000	1/10	25	2.1"
		80609	MR16/3NW60/LED	Natural White	12	5600	140	30000	1/10	60	2.1"
		80607	MR16/3WW60/LED	Warm White	12	3100	110	30000	1/10	60	2.1"
5 WATT											
MR16	G5.3	80619	MR16/5NW25/LED	Natural White	12	5600	180	30000	1/10	25	2"
		80616	MR16/5WW25/LED	Warm White	12	3100	140	30000	1/10	25	2"
		80614	MR16/M5NW40/LED	Natural White, 3 LEDs	12	5600	220	30000	1/10	40	2"
		80611	MR16/M5WW40/LED	Warm White, 3 LEDs	12	3100	190	30000	1/10	40	2"
		80620	MR16/5NW60/LED	Natural White	12	5600	180	30000	1/10	60	2"
		80617	MR16/5WW60/LED	Warm White	12	3100	140	30000	1/10	60	2"
		80625	MR16/5AMB60/LED	Amber	12	-	-	30000	1/10	60	2"
		80623	MR16/5BLU60/LED	Blue	12	-	-	30000	1/10	60	2"
		80624	MR16/5GRN60/LED	Green	12	-	-	30000	1/10	60	2"
		80622	MR16/5RED60/LED	Red	12	-	-	30000	1/10	60	2"
		80621	MR16/5NW120/LED	Natural White	12	5600	180	30000	1/10	120	2"
		80615	MR16/M5NW120/LED	Natural White, 3 LEDs	12	5600	220	30000	1/10	120	2"
		80618	MR16/5WW120/LED	Warm White	12	3100	140	30000	1/10	120	2"
		80612	MR16/M5WW120/LED	Warm White, 3 LEDs	12	3100	190	30000	1/10	120	2"

Solid State Lighting



Bulb	Base	Product Number	Product Code	Description	Volts	Color Temp.	Lumens	Avg. Life	Pkg Qty	Beam Spread	MOL
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ProLED PAR Lamps

5 WATT

PAR16	Med.	80627	PAR 16/5NW40/LED	Natural White	120	5600	180	30000	1/10	40	3.35"
		80626	PAR 16/5WW40/LED	Warm White	120	3100	140	30000	1/10	40	3.35"
		80631	PAR 16/5AMB60/LED	Amber	120	-	-	30000	1/10	60	3.35"
		80629	PAR 16/5BLU60/LED	Blue	120	-	-	30000	1/10	60	3.35"
		80630	PAR 16/5GRN60/LED	Green	120	-	-	30000	1/10	60	3.35"
		80628	PAR 16/5RED60/LED	Red	120	-	-	30000	1/10	60	3.35"

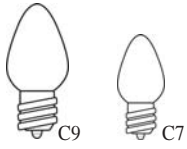
8 WATT

PAR20	Med.	80638	PAR 20/8RGB25/LED	Color Changing Red, Green, Blue	120	-	-	30000	1/6	25	3.5"
		80636	PAR 20/8NW40/LED	Natural White	120	5500	320	30000	1/6	40	3.5"
		80633	PAR 20/8WW40/LED	Warm White	120	3100	280	30000	1/6	40	3.5"
		80642	PAR 20/8AMB40/LED	Amber	120	-	-	30000	1/6	40	3.5"
		80640	PAR 20/8BLU40/LED	Blue	120	-	-	30000	1/6	40	3.5"
		80641	PAR 20/8GRN40/LED	Green	120	-	-	30000	1/6	40	3.5"
		80639	PAR 20/8RED40/LED	Red	120	-	-	30000	1/6	40	3.5"
		80635	PAR 20/8NW60/LED	Natural White	120	5500	320	30000	1/6	60	3.5"
		80632	PAR 20/8WW60/LED	Warm White	120	3100	280	30000	1/6	60	3.5"
		80637	PAR 20/8NW120/LED	Natural White	120	5500	320	30000	1/6	120	3.5"
		80634	PAR 20/8WW120/LED	Warm White	120	3100	280	30000	1/6	120	3.5"

14 WATT

PAR30	Med.	80646	PAR 30/14NW25/LED	Natural White	120	5500	710	30000	1/6	25	3.63"
		80643	PAR 30/14WW25/LED	Warm White	120	3100	590	30000	1/6	25	3.63"
		80647	PAR 30/14NW60/LED	Natural White	120	5500	710	30000	1/6	60	3.63"
		80644	PAR 30/14WW60/LED	Warm White	120	3100	590	30000	1/6	60	3.63"
		80648	PAR 30/14NW120/LED	Natural White	120	5500	710	30000	1/6	120	3.63"
		80645	PAR 30/14WW120/LED	Warm White	120	3100	590	30000	1/6	120	3.63"

Solid State Lighting

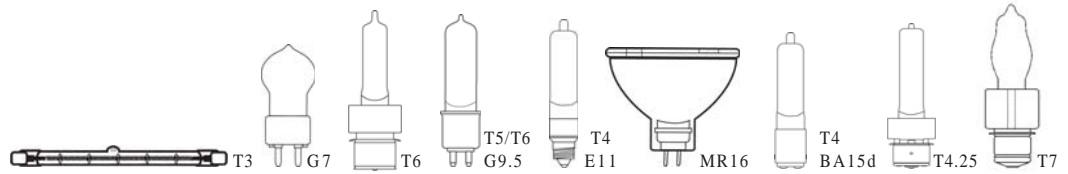


Bulb	Base	Watts	Product Number	Product Code	Description	Avg. Life	Pkg Qty	MOL
ProLED C7 and C9								
C7	Cand.	0.96	80504	C7CL/LED	Clear Smooth	60000	10/200	1.3"
		0.96	80510	C7CL/FC/LED	Clear Faceted	60000	10/200	1.3"
		0.96	80502	C7BLU/LED	Blue Smooth	60000	10/200	1.3"
		0.96	80508	C7BLU/FC/LED	Blue Faceted	60000	10/200	1.3"
		0.96	80503	C7GRN/LED	Green Smooth	60000	10/200	1.3"
		0.96	80509	C7GRN/FC/LED	Green Faceted	60000	10/200	1.3"
		0.96	80500	C7RED/LED	Red Smooth	60000	10/200	1.3"
		0.96	80506	C7RED/FC/LED	Red Faceted	60000	10/200	1.3"
		0.96	80505	C7RG/LED	Red/Green Smooth	60000	10/200	1.3"
		0.96	80501	C7YEL/LED	Yellow Smooth	60000	10/200	1.3"
		0.96	80507	C7YEL/FC/LED	Yellow Faceted	60000	10/200	1.3"
C9	Int.	0.96	80515	C9CL/FC/LED	Clear Faceted	60000	10/200	1.6"
		0.96	80513	C9BLU/FC/LED	Blue Faceted	60000	10/200	1.6"
		0.96	80514	C9GRN/FC/LED	Green Faceted	60000	10/200	1.6"
		0.96	80511	C9RED/FC/LED	Red Faceted	60000	10/200	1.6"
		0.96	80512	C9YEL/FC/LED	Yellow Faceted	60000	10/200	1.6"

LED Nightlights and Flashlight

-	-	-	19800	FL6LED/B	6 LED Flashlight with blister pack display	-	10/10	-
-	-	-	80910	LED/NL1	LED Nightlight with photo sensor	-	10/60	-
-	-	-	80911	LED/NL2	LED Nightlight with photo sensor and 360 degrees rotation	-	10/60	-

Photo/Projection/SSTV

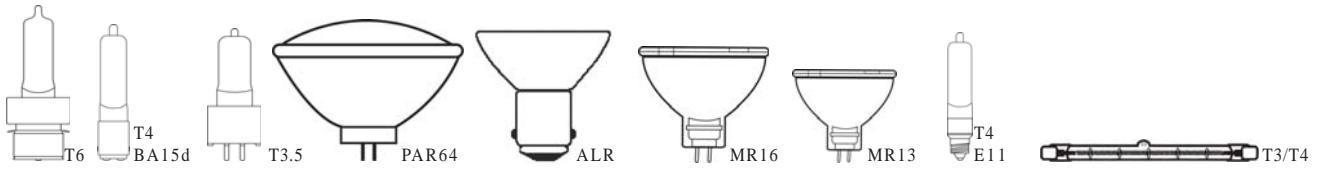


ANSI Code	Bulb	Base	Watts	Volts	Pkg Qty	Avg. Life	Filament	Lumens	Color Temp.	Operating Position
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Halco Photo/Projection/SSTV

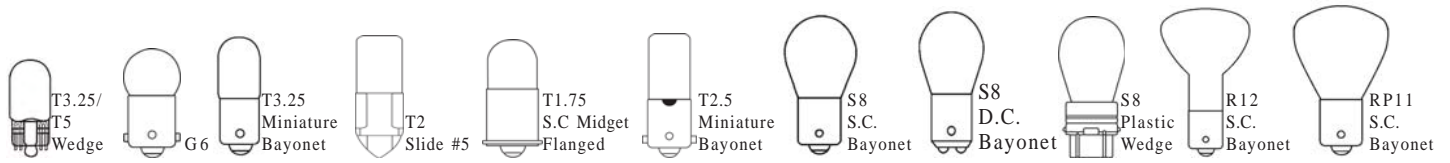
BTL	T6	P28s	500	120	10/100	500	C-13	11000	3000	BDTH
BTN	T7	P28s	750	120	10/100	500	C-13D	17500	3200	U
DDL	MR16	GX5.3	150	20	10/250	500	C-8	-	3150	BDTH
DDS	MR16	GX5.3	80	21	10/250	1000	CC-6	-	3125	BDTH
DED	MR16	GX5.3	85	13.8	10/250	1000	C-6	-	3150	BDTH
DVS	T3	R7s	500	130	10/500	2000	C-8	9500	3000	HOR
DYS/DYV/BHC	G7	GZ9.5	600	120	10/200	75	CC-6	17000	3200	HOR
DYS/DYV/BHC/5	G7	GZ9.5	600	125	10/200	150	CC-6	17000	3200	HOR
EGE	T4.25	P28s	500	120	10/100	2000	CC-8	10450	2950	U
EGG	T6	P28s	750	120	10/100	2000	CC-8	15750	3000	U
EHC/EHB	T6	G9.5	500	120	10/100	500	CC-8	12700	3150	U
EHD	T5	G9.5	500	120	10/100	2000	CC-8	10600	3000	U
EHF	T6	G9.5	750	120	10/100	300	CC-8	20000	3200	U
EHM	T3	R7s	300	120	10/500	2000	C-8	5000	2950	HOR
EHV	T4	E11	325	120	10/200	500	CC-8	7800	3000	U
EJA	MR16	GX5.3	150	21	10/250	40	CC-6	-	3400	BDTH
EJL	MR16	GX5.3	200	24	10/250	50	CC-6	-	3400	BDTH
EJM	MR16	GX5.3	150	21	10/250	40	CC-6	-	3350	BDTH
EJV	MR16	GX5.3	150	21	10/250	40	CC-8	-	3350	BDTH
EKE	MR16	GX5.3	150	21	10/250	200	CC-6	-	3250	BDTH
ELC	MR16	GX5.3	250	24	1/24	50	CC-6	-	3400	BDTH
ELH	MR16	GY5.3	300	120	10/200	35	CC-8	-	3350	BDTH
ENH	MR16	GY5.3	250	120	10/200	175	CC-8	-	3250	BDTH
ENX	MR16	GY5.3	360	82	10/250	75	CC-8	-	3300	BDTH
ENX/5	MR16	GY5.3	360	86	10/250	100	CC-8	-	3300	BDTH
ESD	MR16	GY5.3	150	120	10/200	12	CC-8	-	3350	BDTH
ESL	T4	E11	150	120	10/200	1000	CC-2V	2800	2900	U
ESM	Frosted/T4	E11	250	120	10/100	2000	CC-8	4850	2950	U
ESN	T4	E11	100	120	10/200	750	CC-2V	1900	2850	U
ESP	T4	BA15d	150	120	10/200	1000	CC-2V	2400	2950	U
ESR	T4	BA15d	100	120	10/200	1000	CC-2V	1900	3000	U
ESS	T4	BA15d	250	120	10/100	2000	CC-8	5000	3000	U

Photo/Projection/SSTV



ANSI Code	Bulb	Base	Watts	Volts	Pkg Qty	Avg. Life	Filament	Lumens	Color Temp.	Operating Position
Haleco Photo/Projection/SSTV (cont'd)										
ETB	Frosted/T4	BA15d	250	120	10/200	2000	CC-8	4700	2950	U
ETC	T4	BA15d	150	20	10/200	2000	CC-8	2800	2900	U
ETD	Frosted/T4	BA15d	100	120	10/200	750	CC-2V	1750	2900	U
ETE	Frosted/T4	E11	100	120	10/200	750	CC-2V	1750	2900	U
ETF	Frosted/T4	BA15d	150	120	10/200	2000	CC-8	2700	2900	U
ETG	T4	E11	150	120	10/400	2000	CC-8	2400	2950	U
ETH	Frosted/T4	E11	150	120	10/200	2000	CC-8	2700	2900	U
EVR	T4	E11	500	120	10/100	2000	CC-8	10450	2950	U
EVW	MR16	GY5.3	250	82	10/250	50	CC-8	-	3300	BDTH
EYA	MR16	GY5.3	200	82	10/200	50	CC-8	-	3300	BDTH
EYB	T3.5	G5.3	360	82	10/100	75	CC-8	10000	3300	BDTH
EYB/5	T3.5	G5.3	360	86	10/200	150	CC-8	10000	3300	BDTH
EYV	Frosted/T4	E11	500	130	10/400	2000	CC-8	8075	3000	U
EYW	T4	E11	500	130	10/400	2000	CC-8	8500	3000	U
EYX	Frosted/T4	E11	500	120	10/200	1700	CC-8	8800	2950	U
EXR	MR13	GX5.3	300	82	10/200	35	CC-8	-	3350	BDTH
EXR/5	MR13	GX5.3	300	86	10/200	70	CC-8	-	3350	BDTH
EXY	MR13	GX5.3	250	82	10/250	200	CC-8	-	3200	BDTH
FAL	T4	R7s	420	120	10/100	90	CC-8	11000	3200	U
FCL	T3	R7s	500	120	10/500	2000	C-8	9500	3000	HOR
FCM	T3	R7s	1000	120	10/200	300	C-8	27000	3200	HOR
FCR	T3.5	GY6.35	100	12	10/500	50	C-6F	2900	3250	BDTH
FCS	T4	G6.35	150	24	10/500	50	C-6F	4500	3400	ANY
FEL	T6	G9.5	1000	120	10/100	300	CC-8	27000	3200	BDTH
FFN	PAR64	Ext Mog End Prong	1000	120	6	800	C-7A	400000	3200	U
FHM	Frosted/T3	R7s	1000	120	10/100	300	C-8	26000	3200	HOR
FHS	MR13	GX5.3	300	82	10/100	70	CC-8	-	3300	BDTH
FHS/5	MR13	GX5.3	300	86	10/100	140	CC-8	-	3300	BDTH
FLK	T6	G9.5	575	115	10/100	300	CC-8	16000	3200	U
GBE	ALR	DC Bayonet	20	12	1/50	2000	CC-8	1500cp	3000	U
GBF	ALR	DC Bayonet	20	12	1/50	2000	CC-8	750cp	3000	U

Miniature

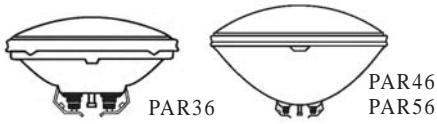


Product Code	Bulb	Base	Volts	Watts	Pkg Qty	Candle Power	Avg. Life	Design Filament	MOL
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Miniatures

89	G6	S.C. Bayonet	13.0	.58A	10/2000	6	750	C-2R	1.4"
93	S8	S.C. Bayonet	12.8	1.04A	10/2000	15	700	C-6	2.0"
94	S8	D.C. Bayonet	12.8	1.04A	10/2000	15	700	C-6	2.0"
120MB	T2.5	Miniature Bayonet	120.0	.025A	10/100	0.36	10000	CC-7A	1.2"
120PSB	T2	Slide #5	120.0	.025A	10/50	-	10000	CC-7A	1.1"
193	T3.25	Wedge	14.0	.33A	50	2	15000	C-2F	1.1"
194	T3.25	Wedge	14.0	.27A	10/2000	2	2500	C-2F	1.1"
387	T1.75	S.C. Midget Flanged	28.0	.04A	10/50	.03	7000	C-2F	0.6"
755	T3.25	Miniature Bayonet	6.3	.15A	10/2000	0.33	20000	C-2R	1.2"
904	T5	Wedge	13.5	.69A	10/2000	4	5000	C-2F	1.5"
906	T5	Wedge	13.0	.69A	10/2000	6	1000	C-2F	1.5"
908	T5	Wedge	6.0	1.50A	10/2000	12	50	C-2R	1.5"
909	T5	Wedge	6.0	.62A	10/2000	3	50	C-2R	1.5"
912	T5	Wedge	12.8	1.00A	10/2000	12	1000	C-2R	1.5"
912x Xenon	T3.25	Wedge	12.8	1.00A	10/600	12	10000	C-2R	1.5"
915	T5	Wedge	12.0	.75A	10/2000	11	50	C-2R	1.5"
918	T5	Wedge	12.8	.56A	10/2000	6.5	500	C-2R	1.5"
918x Xenon	T3.25	Wedge	12.8	.56A	10/600	6.5	10000	C-2R	1.5"
921	T5	Wedge	12.8	1.40A	10/2000	21	500	C-2R	1.5"
921x Xenon	T3.25	Wedge	12.8	1.4A	10/600	21	10000	C-2R	1.5"
927	T5	Wedge	6.0	12.0A	10/50	8	50	C-2R	1.5"
963	T5	Wedge	6.0	2.0A	10/2000	15	50	C-2R	1.5"
1141	S8	S.C. Bayonet	12.8	1.44A	10/2000	21	1000	C-6	2.0"
1142	S8	D.C. Bayonet	12.8	1.44A	10/2000	21	1000	C-6	2."
1156	S8	S.C. Bayonet	12.8	2.10A	10/2000	32	1200	C-6	2.0"
1195	RP11	S.C. Bayonet	12.5	3.00A	10/500	50	300	C-2V	2.3"
1383	R12	S.C. Bayonet	13.0	20W	10/1000	-	300	C-8	2.6"
1383/TF	R12	S.C. Bayonet /Teflon	13.0	20W	10/1000	-	-	C-8	2.6"
1815	T3.25	Miniature Bayonet	14.0	.20A	10/2000	1.4	3000	C-2F	1.2"
1820	T3.25	Miniature Bayonet	28.0	.10A	10/2000	1.6	1000	C-2F	1.2"
3155	S8	Plastic Wedge	12.8	1.60A	10/2000	21	1500	C-6	2.1"
3156	S8	Plastic Wedge	12.8	2.10A	10/2000	32	1200	C-6	2.1"

Sealed Beam



Product Code	Bulb	Base	Volts	Watts	Pkg Qty	Candle Power	Avg. Life	Design Filament	Beam Spread	MOL
Sealed Beam										
4044	PAR36	Screw Terminals	12.0	12W	1/12	1110	150	C-6	50	2.8"
4044-1	PAR36	Slip-on Terminals	12.0	12W	1/12	1110	150	C-6	50	2.8"
4405	PAR36	Screw Terminals	12.8	30W	1/12	1100	150	C-6	50	2.8"
4406	PAR36	Screw Terminals	12.8	35W	1/12	600	300	C-6	80	2.8"
4411	PAR36	Screw Terminals	12.8	35W	1/12	3000	300	C-6	-	2.8"
4414	PAR36	Screw Terminals	12.8	18W	1/12	1500	300	C-6	50	2.8"
4415	PAR36	Screw Terminals	12.8	35W	1/12	9000	300	C-6	40	2.8"
4446	PAR36	Screw Terminals	12.8	25W	1/12	400	300	C-6	80	2.8"
4505	PAR36	Screw Terminals	28.0	50W	1/12	45000	400	C-6	5	2.8"
4515	PAR36	Screw Terminals	6.4	30W	1/12	55000	100	C-6	5	2.8"
4535	PAR46	Screw Terminals	6.4	30W	1/12	95000	100	C-6	5.5	3.8"
4545	PAR56	Screw Terminals	12.0	100W	1/12	225000	100	C-6	9	4.5"
4546	PAR36	Screw Terminals	4.7	.050A	1/12	6300	100	C-2R	3	2.8"
4587	PAR36	Screw Terminals	28.0	250W	1/12	40000	25	CC-8	40	2.8"
7613	PAR36	Screw Terminals	6.0	8W	1/12	400	50	C-6	30	2.8"
7613-1	PAR36	Slip-on Terminals	6.0	8W	1/6	400	50	C-6	30	2.8"
H4515	PAR36	Screw Terminals	6.4	30W	1/12	67000	100	C-6	5.5	2.8"

Recycling

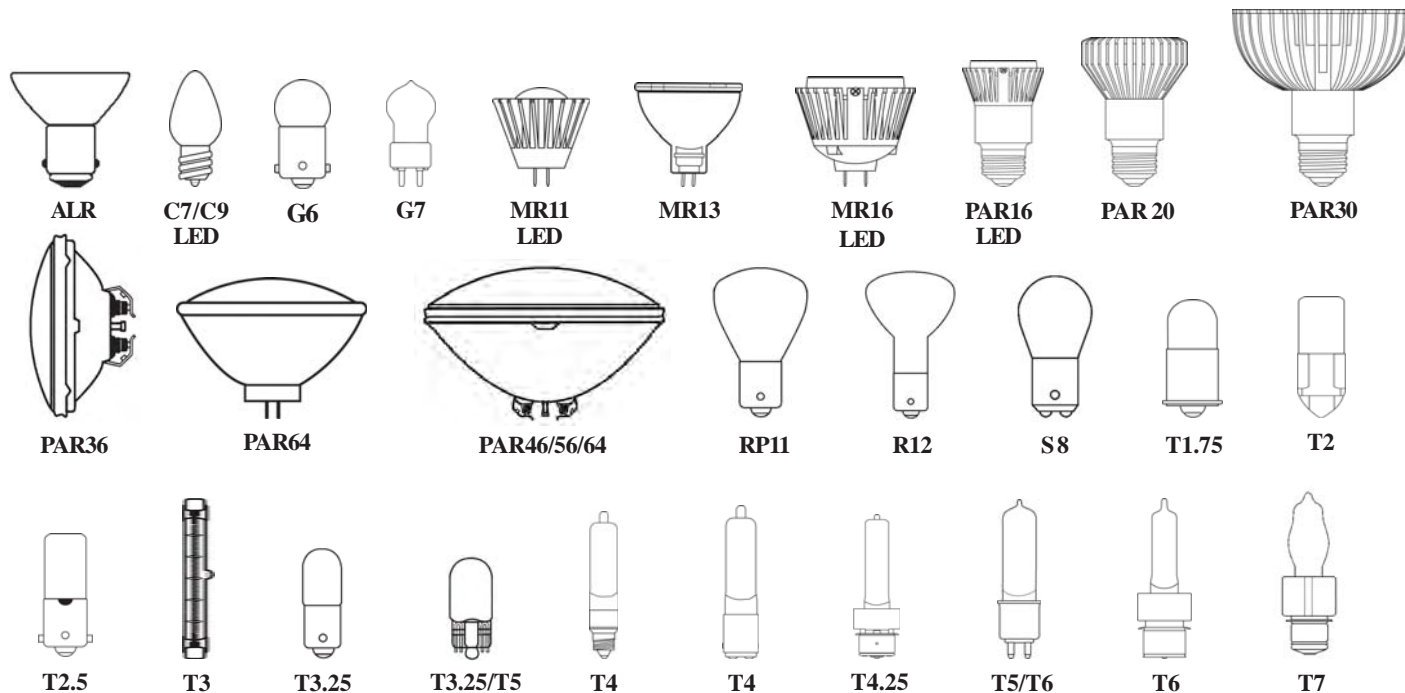
Product Number	Product Code	Description	Pkg Qty
Prepaid Recycle Kits			
91200	RCYCL/FL60/4FT	4ft Recycling Box - Holds 30 T12 or 60 T8 Linear lamps.	1/10
91201	RCYCL/FL30/8FT	8ft Recycling Box - Holds 15 T12 or 30 T8 Linear lamps.	1/10
91202	RCYCL/FL146/4FT	4ft Recycling Box - Holds 68 T12 or 146 T8 Linear lamps.	1/10
91203	RCYCL/MIX/5GAL	5 Gallon Mixed Lamp Recycling Pail for CFL, Circular, U-Bends and HID lamps.	1/10
91204	RCYCL/CFL12	Consumer CFL Recycling Box - Holds 12 CFLs. Box size is 6" x 6" x 6".	1/10
91205	RCYCL/MIX/2FT	Mixed Lamp Recycling Box for CFL, Circular, U-Bends and HID lamps. Box size is 16" x 16" x 25".	1/10
91206	RCYCL/BAL/5GAL	5 Gallon Ballast Recycling Pail. Holds up to 50 lbs. of ballasts.	1/10

Accessories

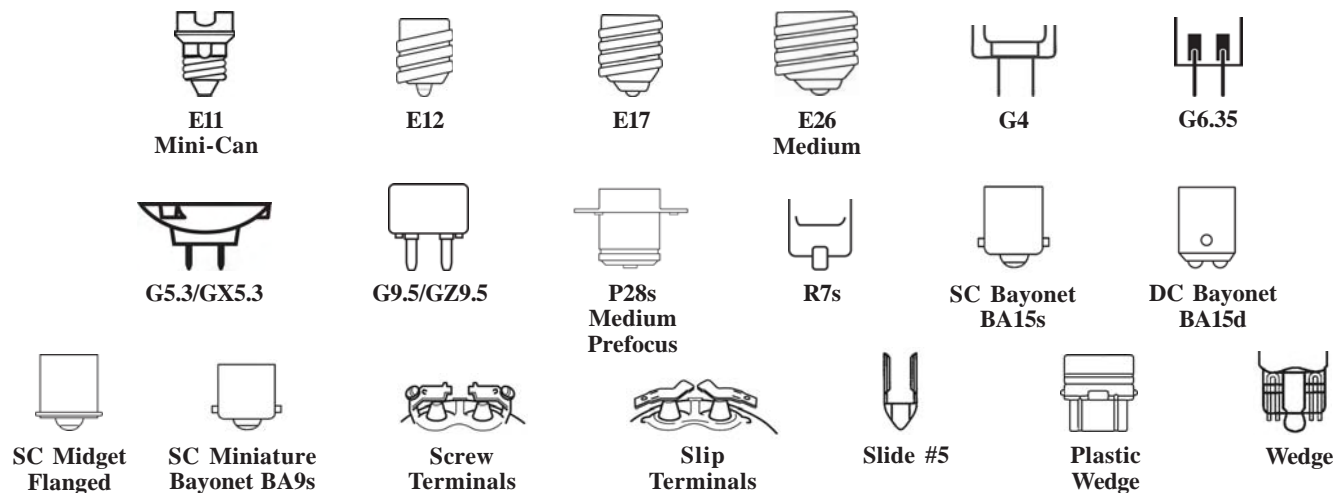
Product Number	Product Code	Description	Pkg Qty
Tube Guards			
91020	TG32T8CL	4' T8 Clear	24
91021	TG40T12CL	4' T12 Clear	24
91022	TG96T8CL	8' T8 Clear	24
91023	TG96T12CL	8' T12 Clear	24
Adapters			
91003	ADP/E26/E12	Porcelain Adapter E26 to E12	1/200
91001	ADP/E26/GU24	Locking Adapter E26 to GU24	1/200
91002	ADP/E39/E26	Porcelain Adapter E39 to E26	1/200
Extenders			
91000	ADP/E26/E26	Porcelain Extender E26	1/200

Bulb, Base and Filament Identification Guide

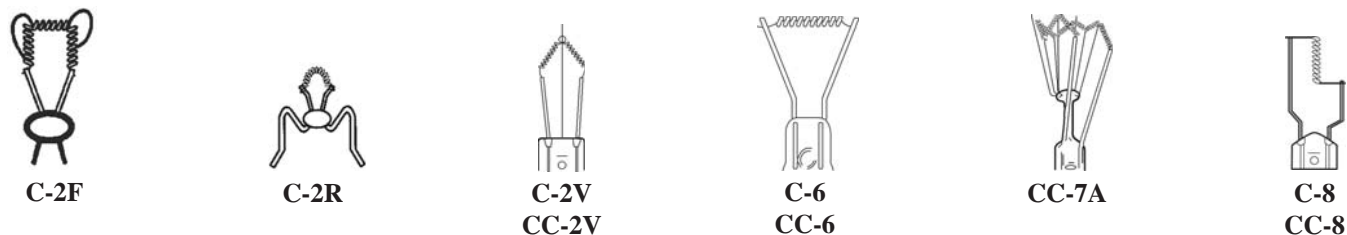
BULB SHAPES



BASE TYPES



FILAMENT DESIGNATIONS



CC indicates coiled-coiled filament.