

# Incandescent General Service Lamps

**Replacement Guide** HOW TO USE THIS GUIDE: The products affected by the Energy Independence and Security Act of 2007 are listed in the first column below in **RED**. Bulbrite is proud to offer a full line of compliant halogen and compact fluorescent replacements listed in the columns to the right of the affected lamps. All replacement lamps are recommended based on the closest lumen output to the affected lamps.

AFFECTED LAMPS					REPLACEMENTS								
A19, A21, A23, BT15					HALOGEN		CFL COIL*		CFL COVERED & DIMMABLE (DM)				
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS			
<b>100A/SW</b>	100	1190	A19	1/1/12	<b>72A19SW/ECO</b>	1490	<b>CF23WW/LM</b>	1600	<b>CF23C/WW/DM</b>	1600			
<b>100A</b>	100	1210	A19		<b>72A19SW/ECO</b>	1490							
<b>100A/CL</b>	100	1250	A19		<b>72A19CL/ECO</b>	1490							
<b>150A</b>	150	1500	A21		<b>72A19SW/ECO</b>	1490							
<b>150A/CL</b>	150	1500	A21		<b>72A19CL/ECO</b>	1490							
<b>200A</b>	200	2025	A23		N/A		<b>CF32C/WW**</b>	1920	N/A				
<b>200A/CL</b>	200	2025	A23				<b>CF42C/WW</b>	2800					
<b>HX95BT15CL</b>	95	1730	BT15				<b>CF23WW/LM</b>	1600	<b>CF23C/WW/DM**</b>	1600			
<b>HX95BT15WH</b>	95	1600	BT15		1/1/13		<b>CF18WW/LM</b>		<b>CF20A/SW</b> <b>CF18C/WW/DM</b>		1100 1200		
<b>75A/SW</b>	75	810	A19	<b>53A19SW/ECO</b>									1050
<b>75A</b>	75	825	A19	<b>53A19SW/ECO</b>									1050
<b>75A/CL</b>	75	850	A19	<b>53A19CL/ECO</b>			1050						
<b>HX71BT15CL</b>	71	1300	BT15	N/A			<b>CF23WW/LM</b>		<b>CF23C/WW/DM</b>		1600		
<b>HX71BT15WH</b>	71	1200	BT15										
<b>40A/SW</b>	40	305	A19	1/1/14		N/A		<b>CF9A17/WW</b>		500			
<b>40A</b>	40	310	A19									<b>29A19SW/ECO</b>	380
<b>40A/CL</b>	40	320	A19									<b>29A19SW/ECO</b>	380
<b>60A/SW</b>	60	630	A19			<b>29A19CL/ECO</b>	400	<b>CF13WW/LM</b>		<b>CF14A/WW</b> <b>CF15C/WW/DM</b>		800 900	
<b>60A</b>	60	640	A19			<b>43A19SW/ECO</b>	750						
<b>60A/CL</b>	60	660	A19			<b>43A19SW/ECO</b>	750						
<b>HX57BT15CL</b>	57	1100	BT15	N/A		<b>CF18WW/LM</b>		<b>CF20A/SW</b> <b>CF18C/WW/DM</b>		1100 1200			
<b>HX57BT15WH</b>	57	1000	BT15										

\* Due to the nature of technology, there may be application issues which prohibit CFL lamps from being used as direct replacements for the incandescent lamps. Please contact 1-800-528-5555 for more information.

\*\* May have lower lumen output

# Incandescent General Service Lamps (Continued)

AFFECTED LAMPS					REPLACEMENTS					
TRUE DAYLIGHT A-SHAPE (MODIFIED SPECTRUM)					HALOGEN		CFL			
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS		
100A21FR/N	100	1100	A21	1/1/12	72A19FR/N/ECO	1200	N/A			
100A21CL/N	100	1100	A21		72A19CL/N/ECO	1235				
60A19FR/N	60	600	A19	1/1/14	53A19FR/N/ECO	820				
60A19CL/N	60	600	A19		53A19CL/N/ECO	860				
40A15CL/N	40	400	A15		43A19CL/N/ECO 43A19FR/N/ECO (FROSTED)	585 565				

**STANDARDS ARE APPROXIMATELY 17% LESS STRINGENT FOR MODIFIED SPECTRUM LAMPS.**

AFFECTED LAMPS					REPLACEMENTS					
CHANDELIER					KRYPTON		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
100F20CL	100	1150	F20	1/1/12	KR40ETC/32	480	CF7/ETW	300	LED2ETC/E* LED3ETC*	100 130
60ETC/3	60	610	B10	1/1/14	KR40ETC/32	480	CF7/ETW	300	LED2ETC/E* LED3ETC*	100 130
60ETC/2	60	615	B10						LED3ETF*	105
60ETF/3	60	575	B10						LED2ETC/E* LED3ETC*	100 130
60ETF/2	60	590	B10						LED3ETF*	105
60EFC/3	60	600	CA10						LED2ETC/E* LED3ETC*	100 130
60EFC/2	60	615	CA10						LED3ETF*	105
60EFF/3	60	580	CA10						LED2ETC/E* LED3ETC*	100 130
60F15WH	60	620	F15						LED3ETF*	105
60F15CL	60	660	F15						LED2ETC/E* LED3ETC*	100 130
KR60ETC/32	60	760	B10							

\* May have lower lumen output

# Incandescent General Service Lamps (Continued)

AFFECTED LAMPS					REPLACEMENTS								
GLOBES					HALOGEN		CFL		LED				
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS			
100G25WH3	100	975	G25	1/1/12	N/A	N/A	CF14G25SW*	800	N/A	N/A			
100G25WH2	100	1150	G25										
100G25CL3	100	1150	G25										
100G25CL2	100	1230	G25										
100G30WH	100	950	G30										
100G30CL	100	1045	G30										
60G16EWH	60	615	G16½	1/1/14			N/A	N/A	N/A	LED/G16W*	10		
60G16ECL	60	650	G16½										
60G19WH	60	550	G19										
60G19CL	60	550	G19										
60G25WH3	60	480	G25										
60G25WH2	60	60	G25										
60G25CL3	60	530	G25										
60G25CL2	60	675	G25										
60G30WH	60	640	G30										
60G30CL	60	655	G30										
										CF14G25SW	800	N/A	N/A
										CF16G30SW	900		

\* May have lower lumen output

AFFECTED LAMPS					REPLACEMENTS					
TUBES					KRYPTON		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
KX60CL/E26	60	960	T3	1/1/14	N/A	N/A	N/A	N/A	N/A	N/A
KX60FR/E26	60	960	T3							



# Incandescent Reflector Lamps (2009 Update)

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AFFECTED LAMPS					REPLACEMENTS					
HALOGEN PAR20					HALOGEN		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
<b>H50PAR20NS</b>	50	550	PAR20	7/14/12	N/A		CF9PAR20WW*	350	LED8PAR20WW/E*	200
<b>H50PAR20NF</b>	50	550	PAR20						LED8PAR20WW*	350
<b>H50PAR20NF3</b>	50	425	PAR20						LED5PAR20WW/NF/D*	260
									LED8PAR20WW/E*	200
									LED8PAR20WW*	350
									LED5PAR20WW/NF/D*	260

\* May have lower lumen output

AFFECTED LAMPS					REPLACEMENTS					
HALOGEN PAR30 SHORT NECK					HALOGEN		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
<b>H50PAR30NS</b>	50	660	PAR30	7/14/12	50CAP30NF/IR	900	CF15PAR30WW	700	LED13PAR30WW/E*	400
<b>H50PAR30NF</b>	50	660	PAR30		LED13PAR30WW*	463				
<b>H50PAR30FL</b>	50	660	PAR30		50CAP30NF/IR	900			LED13PAR30WW/E*	400
<b>H50PAR30NF3</b>	50	460	PAR30		50CAP30F/IR	900			LED13PAR30WW*	463
<b>H50PAR30FL3</b>	50	460	PAR30		50CAP30NF/IR	900			LED13PAR30WW/E*	400
<b>H50PAR30FL3</b>	50	460	PAR30		50CAP30F/IR	900			LED13PAR30WW*	463
<b>H75PAR30NS</b>	75	1110	PAR30		N/A			N/A	N/A	
<b>H75PAR30NF</b>	75	1110	PAR30							
<b>H75PAR30FL</b>	75	1110	PAR30							
<b>H75PAR30NF3</b>	75	1160	PAR30							
<b>H75PAR30FL3</b>	75	1160	PAR30							

\* May have lower lumen output



# Incandescent Reflector Lamps (Continued)

## AFFECTED LAMPS

AFFECTED LAMPS					REPLACEMENTS							
HALOGEN PAR30 LONG NECK					HALOGEN		CFL		LED			
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS		
H50PAR30NF/L	50	660	PAR30	7/14/12	N/A	N/A	CF15PAR30WW	700	LED9PAR30WW/NF/D*	480		
H50PAR30FL/L	50	660	PAR30						LED9PAR30WW/FL/D*	480		
H50PAR30NF3L	50	460	PAR30						LED9PAR30WW/NF/D*	480		
H50PAR30FL3L	50	460	PAR30						LED9PAR30WW/FL/D*	480		
H75PAR30NS/L	50	1100	PAR30				N/A	N/A	N/A	N/A	N/A	N/A
H75PAR30NF/L	75	1100	PAR30									
H75PAR30FL/L	75	1100	PAR30									
H75PAR30NF3L	75	850	PAR30									
H75PAR30FL3L	75	850	PAR30									

\* May have lower lumen output

## AFFECTED LAMPS

AFFECTED LAMPS					REPLACEMENTS					
HALOGEN PAR38					HALOGEN		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
H45PAR38FL	45	520	PAR38	7/14/12	N/A		CF23PAR38WW	1200	LED18PAR38WW/E*	500
H45PAR38FL3	45	440	PAR38		60CAP38NF/IR	1110			LED18PAR38WW*	538
H60PAR38FL	60	880	PAR38						LED11PAR38WW/FL/D*	610
H60PAR38FL3	60	700	PAR38		N/A	N/A			N/A	N/A
H75PAR38FL	75	1100	PAR38							
H75PAR38FL3	75	810	PAR38							
H90PAR38SP	90	1270	PAR38							
H90PAR38FL	90	1270	PAR38							
H90PAR38FL3	90	975	PAR38							
H120PAR38SP	120	1850	PAR38							
H120PAR38FL	120	1850	PAR38							
H120PAR38FL3	120	1440	PAR38							
H150PAR38FL	150	2210	PAR38							

\* May have lower lumen output



# Incandescent Reflector Lamps (Continued)

AFFECTED LAMPS					REPLACEMENTS					
HALOGEN FROSTED PARS					HALOGEN		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
H50PAR20FR2	50	595	PAR20	7/14/12	N/A	N/A	N/A	N/A	LED8PAR20WW/E*	200
H50PAR30FR2	50	645	PAR30						LED8PAR20WW*	350
H50PAR30FR2/L	50	635	PAR30 Long Neck						LED5PAR20WW/NF/D*	260
H75PAR30FR2	75	1050	PAR30							
H75PAR30FR3	75	1090	PAR30							
H75PAR30FR2/L	75	1100	PAR30 Long Neck							
H75PAR30FR3/L	75	1070	PAR30 Long Neck							
H90PAR38FR2	90	1395	PAR38							

\* May have lower lumen output

AFFECTED LAMPS					REPLACEMENTS					
HALOGEN REFLECTORS					HALOGEN		CFL		LED	
ORDERING CODE	WATTS	LUMENS	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS	ORDERING CODE	LUMENS
H50R20FL	50	665	R20	7/14/12	H45R20FL*	495	CF14R20WW*	500	LED8PAR20WW/E*	200
H60BR30FL	60	920	BR30		LED8PAR20WW*	350				
H75BR30FL	75	1160	BR30		H65BR30FL*	810	CF16R30WW*	750	LED13PAR30WW/E*	400
H75BR40FL	75	1140	BR40		H65BR40FL*	820	CF15R30WW/DM*	610	LED13PAR30WW*	463
H100BR40FL	100	1625	BR40		60CAP38NF/IR*	1110	N/A	N/A	LED9PAR30WW/FL/D*	480
H120BR40FL	120	1825	BR40		N/A	N/A				
								CF23R40WW*	1200	
							CF23R40WW/DM*	1050		
							N/A	N/A		

\* May have lower lumen output

# Incandescent Reflector Lamps (Continued)

AFFECTED LAMPS					REPLACEMENTS					
HALOGEN REFLECTORS					INCANDESCENT		CFL		LED	
ORDERING CODE	WATTS	LUMEN	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN
50R20FL/N	50	420	R20	7/14/12	45R20FL/N	250	N/A		N/A	
50R20SP/N	50	420	R20		65R30FL/N	420				
75R30FL/N	75	720	R30		65R40FL/N	400				
75R40FL/N	75	720	R40		N/A					
100R30FL/N	100	1050	R30							
100R40FL/N	100	1050	R40							
150R40FL/N	150	1600	R40							

\* May have lower lumen output

# General Service Fluorescent Lamps (2009 Update)

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AFFECTED LAMPS					REPLACEMENTS					
4-FOOT (T8-T12) ≥ 25W					STANDARD FLUORESCENTS		REDUCED WATTAGE		HIGH LUMEN	
ORDERING CODE	WATTS	LUMEN	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN
<b>F32T8/730/EW</b>	32	2800	T8	7/14/12	<b>F32T8/830/EW</b>	2950	N/A		N/A	
<b>F32T8/735/EW</b>	32	2800	T8		<b>F32T8/835/EW</b>	2950	<b>F28T8/835/EW</b>	2725	<b>F32T8/835/HL</b>	3300
<b>F32T8/741/EW</b>	32	2800	T8		<b>F32T8/841/EW</b>	2950	<b>F28T8/841/EW</b>	2725	<b>F32T8/841/HL</b>	3300
<b>F32T8/750/EW</b>	32	2800	T8		<b>F32T8/850/EW</b>	2800	N/A		<b>F32T8/850/HL</b>	3200

\* May have lower lumen output

AFFECTED LAMPS					REPLACEMENTS					
2-FOOT (T8-T12) U-SHAPED ≥ 25W					STANDARD FLUORESCENTS		REDUCED WATTAGE		HIGH LUMEN	
ORDERING CODE	WATTS	LUMEN	BULB TYPE	IMPACT DATE	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN	ORDERING CODE	LUMEN
<b>FB31/830/EW</b>	31	2750	T8	7/14/12	N/A		N/A		N/A	
<b>FB31/835/EW</b>	31	2750	T8							
<b>FB31/841/EW</b>	31	2750	T8							

\* May have lower lumen output



T: 800-528-5555 F: 800-441-7708

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As of August 17<sup>th</sup>, 2011



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