

Obsolete Cross Reference Guide



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Obsolete Catalog #	Recommended Substitution	Obsolete Catalog #	Recommended Substitution
Magnetic			
247	No Replacement	304-1758-800	No Replacement
820	No Replacement	304-1758-805	No Replacement
4100	No Replacement	304-1758-865	No Replacement
4104	No Replacement	304-2131-805	No Replacement
4110	No Replacement	304-2611-805	No Replacement
4130	No Replacement	304-2618-805	No Replacement
4134	No Replacement	304-2798-805	No Replacement
4138	No Replacement	304-3041-5	No Replacement
4204	No Replacement	304-3701-805	No Replacement
4210	No Replacement	304-3708-805	No Replacement
4216	No Replacement	304-3791-806	No Replacement
4220	No Replacement	304-4701-805	No Replacement
4224	No Replacement	304-4708-805	No Replacement
4230	No Replacement	304-4721-805	No Replacement
200CS	No Replacement	304-4728-805	No Replacement
200CSWS	No Replacement	304-4791-805	No Replacement
200F1	No Replacement	304-4791-806	No Replacement
200H2P	No Replacement	304-4798-800	No Replacement
201C	No Replacement	304-4798-805	No Replacement
201F1	No Replacement	304-4951-805	No Replacement
202CXTCP	No Replacement	304-4958-805	No Replacement
202SBTCP	No Replacement	304-7703-800	No Replacement
202STCP	No Replacement	304-7703-805	No Replacement
205TCP	No Replacement	304-7951-805	No Replacement
215LTCP	No Replacement	304-7951-806	No Replacement
220B	No Replacement	304-7958-805	No Replacement
234-3021-5	No Replacement	309-0702-65	No Replacement
234-30410	No Replacement	310LTCP	No Replacement
254-0891-860	No Replacement	317LTCP	No Replacement
254-1561-860	No Replacement	327LTCP	No Replacement
254-1671-860	No Replacement	333H2	No Replacement
254-1688-860	No Replacement	340H2	No Replacement
254-1751-860	No Replacement	345LTCP	No Replacement
254-1758-860	No Replacement	4100PBE	No Replacement
257-03010	No Replacement	4100PBES	No Replacement
257-04000	No Replacement	4101C	No Replacement
257-04020	No Replacement	4101F1	No Replacement
257-04030	No Replacement	4101F1P	No Replacement
300-0721-805	No Replacement	4101F2	No Replacement
300-0728-805	No Replacement	4101P	No Replacement
300-0931-800	No Replacement	4101PBE	No Replacement
300-1151-705	No Replacement	4101PBES	No Replacement
300-1158-805	No Replacement	4102P	No Replacement
300-1281-705	No Replacement	4102PBE	No Replacement
300-1281-805	No Replacement	4102PBES	No Replacement
300-1288-800	No Replacement	4104PBE	No Replacement
300-1291-600	No Replacement	4104PBES	No Replacement
300-2131-800	No Replacement	4105C	No Replacement
300-2611-705	No Replacement	4105F1	No Replacement
300-2611-805	No Replacement	4105F1P	No Replacement
300-2798-5	No Replacement	4105F2P	No Replacement
300-4611-805	No Replacement	4105H2P	No Replacement
300-4618-805	No Replacement	4105P	No Replacement
300-4728-805	No Replacement	4105PBE	No Replacement
300-4791-805	No Replacement	4105PBES	No Replacement
300-7703-800	No Replacement	4106PBE	No Replacement
300-7728-5	No Replacement	4106PBES	No Replacement
300-7951-705	No Replacement	410LTCP	No Replacement
300-7951-800	No Replacement	4110AP	No Replacement
300H2	No Replacement	4110P	No Replacement
302-0881-5	No Replacement	4110PBE	No Replacement
304-0721-805	No Replacement	4110PBES	No Replacement
304-0728-805	No Replacement	4111AP	No Replacement
304-0881-805	No Replacement	4111C	No Replacement
304-1151-805	No Replacement	4111F1	No Replacement
304-1158-805	No Replacement	4111F1P	CF1320H2P
304-1281-805	No Replacement	4111F1RP	No Replacement
304-1288-805	No Replacement	4111F2	CF1320H2P
304-1291-600	No Replacement	4111F2P	CF1320H2P
304-1291-605	No Replacement	4111H2	No Replacement
304-1291-800	No Replacement	4111P	No Replacement
304-1291-805	No Replacement	4111PBES	No Replacement
304-1298-800	No Replacement	4112PBE	No Replacement
304-1298-805	No Replacement	4112PBES	No Replacement
304-1401-870	No Replacement	4113F1P	No Replacement
304-1458-805	No Replacement	4113F2P	CF1320H2P
304-1561-800	No Replacement	4113PBE	No Replacement
304-1561-805	No Replacement	4113PBES	No Replacement
304-1671-800	No Replacement	4114PBE	No Replacement
304-1671-805	No Replacement	4114PBES	No Replacement
304-1671-865	No Replacement	4115P	No Replacement
304-1681-800	No Replacement	4115PBE	No Replacement
304-1681-805	No Replacement	4115PBES	No Replacement
304-1681-865	No Replacement	4116P	No Replacement
304-1688-800	No Replacement	4116PBE	No Replacement
304-1688-805	No Replacement	4116PBES	No Replacement
304-1751-805	No Replacement	4118P	No Replacement
4118PBE	No Replacement	4218PBE	No Replacement

Obsolete Catalog #	Recommended Substitution	Obsolete Catalog #	Recommended Substitution
4118PBES	No Replacement	4218PBES	No Replacement
4119P	No Replacement	4219C	No Replacement
4119PBE	No Replacement	4219F1	No Replacement
4119PBES	No Replacement	4219F1P	No Replacement
411LRTCP	No Replacement	4219F2	No Replacement
4120P	No Replacement	4219F2P	No Replacement
4120PBES	No Replacement	4219PBE	No Replacement
4122RP	No Replacement	4219PBES	No Replacement
4122RPBE	No Replacement	4222PBE	No Replacement
4123P	No Replacement	4222PBES	No Replacement
4123PBE	No Replacement	4223C	No Replacement
4123PBES	No Replacement	4223F1	No Replacement
4123RP	No Replacement	4223F1P	No Replacement
4123RPBE	No Replacement	4223F2	No Replacement
4124P	No Replacement	4223F2P	No Replacement
4124PBE	No Replacement	4223PBES	No Replacement
4124PBES	No Replacement	4225P	No Replacement
4124RPBE	No Replacement	4225PBE	No Replacement
4124RPBES	No Replacement	4225PBES	No Replacement
4126P	No Replacement	4226PBE	No Replacement
4126PBE	No Replacement	4230P	No Replacement
4126PBES	No Replacement	4230PBE	No Replacement
4128PBE	No Replacement	4230PBES	No Replacement
412LSLHQP	No Replacement	4231C	No Replacement
4131C	No Replacement	4231F1	No Replacement
4131F1	No Replacement	4231F1P	No Replacement
4131F1P	No Replacement	4231F2	No Replacement
4131F2	No Replacement	4231F2P	No Replacement
4131F2P	No Replacement	4231P	No Replacement
4131PBE	No Replacement	4231PBE	No Replacement
4131PBES	No Replacement	4231PBES	No Replacement
4131SP	No Replacement	4240P	No Replacement
4134PBE	No Replacement	4240PBE	No Replacement
4134PBES	No Replacement	4245P	No Replacement
4135C	No Replacement	4246P	No Replacement
4135F1	No Replacement	4249P	No Replacement
4135F1P	No Replacement	4251P	No Replacement
4135F2	No Replacement	4252P	No Replacement
4135F2P	No Replacement	4253P	No Replacement
4135P	No Replacement	4254P	No Replacement
4135PBES	No Replacement	4255P	No Replacement
4138PBE	No Replacement	427LTC	No Replacement
4138PBES	No Replacement	4310P	No Replacement
4139C	No Replacement	4310PBE	No Replacement
4139F1	No Replacement	4310PBES	No Replacement
4139F1P	No Replacement	4314P	No Replacement
4139P	No Replacement	4314PBE	No Replacement
4139PBE	No Replacement	4314PBES	No Replacement
4139PBES	No Replacement	4320P	No Replacement
4140P	No Replacement	4320PBE	No Replacement
4140PBE	No Replacement	4320PBES	No Replacement
4145P	No Replacement	4322P	No Replacement
4146P	No Replacement	4322PBE	No Replacement
4150P	No Replacement	4324P	No Replacement
4151P	No Replacement	4324PBE	No Replacement
4152P	No Replacement	4328P	No Replacement
4155P	No Replacement	4328PBE	No Replacement
417LTC	No Replacement	4351P	No Replacement
4204PBES	No Replacement	4352P	No Replacement
4205C	No Replacement	437L	No Replacement
4205F1	No Replacement	437LTC	No Replacement
4205F1P	No Replacement	437LTC	No Replacement
4205PBE	No Replacement	438LTC	No Replacement
4205PBES	No Replacement	440LQP	No Replacement
4206P	No Replacement	440LRQP	No Replacement
4206PBES	No Replacement	443LRVLHTCPG	No Replacement
420LTC	No Replacement	443LSLHEQP	No Replacement
4210P	No Replacement	443LSLHQP	No Replacement
4210PBES	No Replacement	445LHWSTCP	No Replacement
4211C	No Replacement	445RSTCP	No Replacement
4211F1	No Replacement	446L2LTC	No Replacement
4211F1P	No Replacement	446LLHTCP	No Replacement
4211F2	No Replacement	446LREQP	No Replacement
4211F2P	No Replacement	446LRQP	No Replacement
4211PBES	No Replacement	446LRTCP	No Replacement
4214PBE	No Replacement	446LSLHEQP	No Replacement
4215P	No Replacement	446LSLHQP	No Replacement
4215PBE	No Replacement	446LSLHTCPWS	No Replacement
4215PBES	No Replacement	447CRTCP	No Replacement
4216P	No Replacement	447CTCP	No Replacement
4216PBE	No Replacement	447LRVLHTCPG	No Replacement
4216PBES	No Replacement	449LRLHWSTCP	No Replacement
4217C	No Replacement	449LRTCP	No Replacement
4217F1	No Replacement	449LRWSTCP	No Replacement
4217F1P	No Replacement	449LTC	No Replacement
4217F2	No Replacement	449LWSTCP	No Replacement
4217F2P	No Replacement		
4217P	No Replacement	709TCP	No Replacement
4217PBE	No Replacement	720LRTCP	No Replacement
4217PBES	No Replacement	723LSLHTCP	No Replacement

Obsolete Catalog #	Recommended Substitution	Obsolete Catalog #	Recommended Substitution
4218P	No Replacement	725TCP	No Replacement
458LSLHTCP	No Replacement	726VLHWSTCP	No Replacement
468LTCP	No Replacement	727LTCP	No Replacement
474LWSTCP	No Replacement	730LRSLHQP	No Replacement
474RSWSTCP	No Replacement	730LRSLHTCP	No Replacement
479LHTCP	No Replacement	730LSLHTCP	No Replacement
480VLHTCP	No Replacement	731LTCP	No Replacement
482LHTCP	No Replacement	732LTCP	No Replacement
483LHTCP	No Replacement	736LTCP	No Replacement
487XLHTCP	No Replacement	737LRSLHTCP	No Replacement
491XLHTCP	No Replacement	737LSLHTCP	No Replacement
492XLH	No Replacement	741LSLHTCP	No Replacement
498LHTCP	No Replacement	742LSLHTCP	No Replacement
502ATCP	No Replacement	742STCP	No Replacement
522LTC	No Replacement	746LTC	No Replacement
524LTC	No Replacement	748LSLHTCP	No Replacement
531TCP	No Replacement	749LSLHTCP	No Replacement
532BREQP	No Replacement	749STCP	No Replacement
532BRQP	No Replacement	754L	No Replacement
539SLTCP	No Replacement	754LTCP	No Replacement
539TCP	No Replacement	755LSLHTCP	No Replacement
540LEQP	No Replacement	757SLHTC	No Replacement
542L	No Replacement	757XLHTC	No Replacement
542LTC	No Replacement	764LTC	No Replacement
542LTCP	No Replacement	778XLHTC	No Replacement
544L	No Replacement	789SLHTCP	No Replacement
547RSTCP	No Replacement	798XLHQP	No Replacement
548F1	No Replacement	798XLHTCP	No Replacement
548F2	No Replacement	799XLHTC	No Replacement
548H2	No Replacement	799XLHTCP	No Replacement
549AP	No Replacement	801TCP	No Replacement
549H2	No Replacement	806ATCP	No Replacement
550LTCP	No Replacement	806SLHQP	No Replacement
554LTCP	No Replacement	810TCP	No Replacement
562LTCP	No Replacement	811TCP	No Replacement
565LTCP	No Replacement	822BRQP	No Replacement
573LSLHTCP	No Replacement	827BRTCP	No Replacement
573LTCP	No Replacement	827SLHEQP	No Replacement
588LSLHTCP	No Replacement	827SLHQP	No Replacement
588LTCP	No Replacement	836BRTCP	No Replacement
592LTCP	No Replacement	843SLTCP	No Replacement
597LTCP	No Replacement	843TCP	No Replacement
620LHTCP	No Replacement	847TCP	No Replacement
662LQP	No Replacement	871SLTCP	No Replacement
662LTC	No Replacement	881BRTCP	No Replacement
662LTCP	No Replacement	897BRTC	No Replacement
673L	No Replacement	897SLHEQP	No Replacement
678ATCP	No Replacement	897SLHTC	No Replacement
679LTCP	No Replacement	930VLHTCP	No Replacement
691LTCP	No Replacement	936XTCP	No Replacement
692LSLHTC	No Replacement	938LHTCP	No Replacement
692LTC	No Replacement	944LHTCP	No Replacement
697LTCP	No Replacement	949LHTCP	No Replacement
698LSLHTC	No Replacement	951STCP	No Replacement
698LTC	No Replacement	952TCP	No Replacement
701LTCP	No Replacement	955CFL	No Replacement
703LTCP	No Replacement	957STCP	No Replacement
707TCP	No Replacement	960VLHTCP	No Replacement
708TCP	No Replacement		

CFL

7811042	C218UNVME	C213UNVBES	C213UNVMES
7811043	C218UNVME	C213UNVSE	C213UNVME
7811057	No Direct Cross	C218/347BE	C218/347ME
7811105	C213UNVME	C218/347BES	C218/347MES
7811238	No Direct Cross	C218/347SE	C218/347ME
7811350	C242/347ME	C218UNVBE	C218UNVME
7811364	C2642UNVME	C218UNVBES	C218UNVMES
7811385	C2642UNVME	C218UNVSE	C218UNVME
7811541	C240PUNVHP-B	C2240UNVBES	C2642UNVMES
7811602	C242/347ME	C2240UNVSE	C2642UNVME
7811748	C2642/347ME	C226SR120	C2642UNVME
7811749	C218/347ME	C226SR120BE	C2642UNVME
7811754	C213/347ME	C226SR120BES	C2642UNVMES
7811756	C218/347ME	C226SR277	C2642UNVME
7811764	C242/347ME	C226SR277BE	C2642UNVME
7812504	C240PUNVHP-B	C226SR277BES	C2642UNVMES
7812506	No Direct Cross	C240I120RH	No Direct Cross
4114P	No Replacement	C240I277RH	No Direct Cross
4122RPBES	No Replacement	C240PUNV	C240PUNVHP-B
4123PLC	No Replacement		
4128P	C2642UNVME		
4154P	C240PUNVHP-B		
4240PBES	C2642UNVME	C242/347BE	C242/347ME
7811642D	CT218UNVME	C242/347BES	C242/347MES
7811643D	CT213UNVME	C242/347SE	C242/347ME
7811646C	C2642UNVME	C242UNVBE	C242UNVME
7811646D	C2642UNVME	C242UNVBES	C242UNVMES
7811647C	C2642UNVME	C242UNVSE	C242UNVME
7811647D	C2642UNVME	C2642/347BE	C2642/347ME

Obsolete Catalog #	Recommended Substitution	Obsolete Catalog #	Recommended Substitution
7811648C	C218UNVME	C2642/347BES	C2642/347MES
7811648D	C218UNVME	C2642/347SE	C2642/347ME
7811649D	C213UNVME		
7811650C	C2642UNVME	C2642UNVBE	C2642UNVME
7811650D	C2642UNVME	C2642UNVBES	C2642UNVMES
7812000C	C2642UNVME	C2642UNVHTBE	C2642UNVME
7812000D-NP	C2642UNVME	C2642UNVHTBES	C2642UNVMES
7812000D-OSRM	No Direct Cross	C2642UNVHTSE	C2642UNVME
7812001C	C213UNVME	C2642UNVSE	C2642UNVME
7812001CM	C213UNVME	C340I120RH	No Direct Cross
7812001CMP	C213UNVMES	C340I277RH	No Direct Cross
7812001CP	C213UNVMES	C340SI120RH	No Direct Cross
7812001D	No Direct Cross	C340SI277RH	No Direct Cross
7812002C	C218UNVME	CBC-113 DE	C213UNVME
7812002CM	C218UNVME	CBC-113/120	C213UNVME
7812002CMP	C218UNVMES	CBC-113/277	C213UNVME
7812002CP	C218UNVMES	CBC-118 DE	C218UNVME
7812002D	C218UNVME	CBC-118/120	C218UNVME
7812002D-NP	C218UNVME	CBC-118/277	C218UNVME
7812002D-OSRM	C218UNVME	CBC-126 DE	C2642UNVME
7812003C	C2642UNVME	CBC-126/120	C2642UNVME
7812003D	No Replacement	CBC-126/277	C2642UNVME
7812003D-OSRM	No Replacement	CBC-132/120	C2642UNVME
7812004C	C2642UNVME	CBC-132/120BE	C2642UNVME
7812004D	C2642UNVME	CBC-132/120SE	C2642UNVME
7812005C	C2642UNVME	CBC-132/277	C2642UNVME
7812005CM	C2642UNVME	CBC-132/277BE	C2642UNVME
7812005CP	C2642UNVMES	CBC-132/277SE	C2642UNVME
7812005D	C2642UNVME	CBC-213	C213UNVME
7813009H	C242UNVME	CBC-213/120	C213UNVME
7813020G	No Direct Cross	CBC-213/120BE	C213UNVME
B240I277HP	No Direct Cross/B234SR277M	CBC-213/120SE	C213UNVME
BBT/118220/240V 1BW	C218UNVME	CBC-213/277BE	C213UNVME
BBT1180VP	C218UNVME	CBC-213/277SE	C213UNVME
BBT-1180VP	C218UNVME	CBC-218/120	C218UNVME
BBT-136	C242UNVME	CBC-218/120BE	C218UNVME
BBT-1360VP	C242UNVME	CBC-218/120SE	C218UNVME
BBT-136-OVP	C242UNVME	CBC-218/277	C218UNVME
BBT-2180VP	C218UNVME	CBC-218/277SE	C218UNVME
BBT-236	C242UNVME	CBC-226/120	C2642UNVME
BBT-2360VP	C242UNVME	CBC-226/120BE	C2642UNVME
C132R120	C2642UNVME	CBC-226/120SE	C2642UNVME
C132R120BE	C2642UNVME	CBC-226/277	C2642UNVME
C132R120BES	C2642UNVMES	CBC-226/277BE	C2642UNVME
C132R277	C2642UNVME	CBC-226/277SE	C2642UNVME
C132R277BE	C2642UNVME	CBL-118/120	CT218UNVME
C132R277BES	C2642UNVMES	CBL-118/277	CT218UNVME
C138PCB	No Direct Cross	CBL-124/120	C2642UNVME
C142R120	C2642UNVME	CBL-124/277	C2642UNVME
C142R120BE	C2642UNVME	CBL-218/120	CT218UNVME
C142R120BES	C2642UNVMES	CBL-218/277	CT218UNVME
C142R277	C2642UNVME	CBL-224/120	C2642UNVME
C142R277BE	C2642UNVME	CBL-224/277	C2642UNVME
		CBT113L-120B	No Replacement
		CBT113L120BS	No Replacement
		CBT126L-120B	No Replacement
		CBT126L120BS	No Replacement
		CBT126L-120S	No Replacement
		CBT213L-120B	No Replacement
		CBT213L120BS	No Replacement
		CBT213L-120S	No Replacement
		CBT218L-120BC	No Replacement
		CBT218L120BS	No Replacement
		CBT218L-120S	No Replacement
C142R277BES	C2642UNVMES	CT213UNVBE	CT213UNVME
C213/347BE	C213/347ME	CT213UNVBES	CT213UNVMES
C213/347BES	C213/347MES	CT213UNVSE	CT213UNVME
C213/347SE	C213/347ME	ES1057E	No Direct Cross/C2642UNVME
C213UNVBE	C213UNVME	ES1057E-CPR	No Direct Cross
ES1082E	C2642UNVME	ES2002CP	C218UNVME
ES1238E	C2642UNVME	ES2002D	C218UNVME
ES1350C	C2642/347ME	ES2002DNP	C218UNVME
ES1351C	C213/347ME	ES2003C	C2642UNVME
ES1352C	C218/347ME	ES2004C	C2642UNVME
ES1353C	C2642/347ME	ES2004D	C2642UNVME
ES1398C	C218/347ME	ES2005C	C2642UNVME
ES1592D	C2642/347ME	ES2005CP	C2642UNVMES
ES1602D	C2642/347ME	ES2205D	C2642UNVME
ES1642D	CT218UNVME	ES2506F	No Direct Cross/C242UNVME
ES1643D	CT213UNVME	ES3012G	No Direct Cross
ES1647C	C2642UNVME	ES3020G	No Direct Cross
ES1647D	C2642UNVME	ES4520C	C2642UNVME
ES1648C	C218UNVME	ES4520D	C2642UNVME
ES1648D	C218UNVME	GLT132-120I	C213UNVME
ES1649D	C213UNVME	GLT132-277I	C213UNVME
ES1650C	C2642UNVME	GLT182-120I	C218UNVME
ES1650D	C2642UNVME	GLT182-277I	C218UNVME
ES1748D	C2642/347ME	GLT262-120I	C2642UNVME
ES1749D	C218/347ME	GLT262-277I	C2642UNVME
ES1754D	C213/347ME	MAY & CHRISTE	C218UNVME

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ES1756D	C218/347ME		
ES1764D	C242/347ME		
ES2000C	C2642UNVME		
ES2000DNP	C2642UNVME		
ES2001C	C213UNVME		
ES2001CM	C213UNVME		
ES2001CMP	C213UNVMES		
ES2001D	C213UNVME		
ES2002C	C218UNVME		
ES2002CM	C218UNVME		
ES2002CMP	C218UNVMES		

HID

103016	Banned by DOE	113099	M1500MLTAC5M
103017	Banned by DOE	114092	1110566CTC
103020	Banned by DOE	123012	S250MLTAC4M
103021	Banned by DOE	123017	S400MLTAC5M
103024	Banned by DOE	123021	S400MLTAC5M
103025	Banned by DOE	123033	S40048TAC5M
103027	Banned by DOE	123041	S1000MLTAC5M
103028	Banned by DOE	123045	S1000MLTAC5M
103029	Banned by DOE	123049	S1000MLTAC5M
103030	Banned by DOE	123057	S100048TAC5M
103031	Banned by DOE	123097	S1000MLTAC5M
103032	Banned by DOE	203033	Banned by DOE
103033	Banned by DOE	1030110	Banned by DOE
103037	Banned by DOE	1030223	Banned by DOE
103041	Banned by DOE	1030229	Banned by DOE
103049	Banned by DOE	1030230	Banned by DOE
103057	Banned by DOE	1030245	Banned by DOE
103072	Banned by DOE	1030246	Banned by DOE
103073	Banned by DOE	1030247	Banned by DOE
103091	Banned by DOE	1031111	Banned by DOE
103092	Banned by DOE	1032271	Banned by DOE
103093	Banned by DOE	1032311	Banned by DOE
103097	Banned by DOE	1032321	Banned by DOE
103316	Banned by DOE	1032331	Banned by DOE
103317	Banned by DOE	1032571	Banned by DOE
113012	M250MLTAC3M	1035231	Banned by DOE
113016	M250MLTAC3M	1130121	M175MLTAC3M
113017	M400MLTAC4M	1130122	M250MLTAC4M
113020	M250MLTAC3M	1130123	M400MLTAC4M
113024	M250MLTAC3M	1130127	M1000MLTAC5M
113025	M400MLTAC4M	1130129	M1500MLTAC5M
113028	M250TRIAC3M	1130177	M150MLTLC3D
113031	M17548TAC3M	1130246	M250MLTAC3M
113032	M25048TAC3M	1130598	M1000TRIAC5M
113033	M40048TAC4M	1130599	M1500TRIAC5M
113037	M1000MLTAC5M	1130605	M175TRIAC30
113041	M1000MLTAC5M	1130622	P350MLTAC4M
113045	M1000MLTAC5M	1130827	P320MLTAC40
113049	M1000MLTAC5M	1130829	P400MLTAC4L
113053	M1000TRIAC5M	1131018	M100MLTLC30
113057	M100048TAC5M	1131022	M100MLTLC30
113059	M1500MLTAC5M	1131026	M100TRILC3M
113061	M1500MLTAC5M	1131051	M50TRILC3M
113063	M1500MLTAC5M	1131090	M100MLTLC30
113065	M1500MLTAC5M	1131095	M50MLTLC3M
113069	M150048TAC5M	1132281	M250TRIAC3M
113073	M400MLTAC4M	1132311	M17548TAC3M
113081	M1000MLTAC5M	1132321	M25048TAC3M
113092	M250MLTAC3M	1132531	M1000TRIAC5M
113093	M400MLTAC4M	1132571	M100048TAC5M
113097	M1000MLTAC5M	1133256	M35MLTLC3M
1135133	M250230AC3M	12311148	S7048TLC3M
1135229	M175230AC3M	12311158	S150MLTLC30
1135230	M250230AC3M	12311160	S15048TLC3M
1135231	M400230AC4M	12311179	S200MLTAC4M
1135234	M1500230AC5M	12315150	S70230LC3M
1230122	S250MLTAC4M	12315221	S70230LC3M
1230123	S400MLTAC5M	12315225	S150MLTLC30
1230127	S1000MLTAC5M	12331838	S200MLTAC4M
1230177	S150MLTLC30	12410165	12210241CTC
1230179	S200MLTAC4M	12410165	12210241CTC
1230180	S200MLTAC4M	14320184	No Direct Cross
1230183	S200MLTAC4M	14320196	No Direct Cross
1230184	S200MLTAC4M	1232171020	S400MLTAC4M
1230185	S200TRIAC4M	010-6379-083T	M100048TAC5M
1230190	S200MLTAC4M	010-6387-083T	S1000MLTAC5M
1230527	S600MLTAC5M	1010236RCTC	Banned by DOE
1230598	S1000TRIAC5M	1010238CTC	Banned by DOE
1231010	S100MLTLC3M	1010238CY	Banned by DOE
1231014	S100MLTLC3M	1010239RCTC	Banned by DOE
1231018	S100MLTLC3M	1010245CTC	Banned by DOE
1231022	S100MLTLC3M	1010246CTC	Banned by DOE
1231035	S50MLTLC3M	1010246CY	Banned by DOE
1231043	S50MLTLC3M	1010247SCTC	Banned by DOE
1231047	S50MLTLC3M	1010247SCY	Banned by DOE

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1231090	S100MLTLC3M	103010R	Banned by DOE
1231095	S50MLTLC3M	103010RA	Banned by DOE
1231114	S100MLTLC3M	1030110Y	Banned by DOE
1231130	S10048TLC3M	103011R	Banned by DOE
1233516	S600MLTAC5M	103011T	Banned by DOE
1235233	S1000230AC5M	103012R	Banned by DOE
1238168	No Direct Cross	103013R	Banned by DOE
11310120	M100MLTLC30	103014R	Banned by DOE
11310167	M150MLTLC3D	103014RA	Banned by DOE
11310168	M150MLTLC3D	103015R	Banned by DOE
11310169	M150MLTLC3D	103015S	Banned by DOE
11310177	M150MLTLC3D	103018R	Banned by DOE
11310236	M50MLTLC3M	103018RA	Banned by DOE
11310239	M100MLTLC30	103019R	Banned by DOE
11310242	M150MLTLC3D	103019S	Banned by DOE
11310268	M70MLTLC3D	103022R	Banned by DOE
11310269	M70MLTLC3D	1030239R	Banned by DOE
11310271	M70MLTLC3D	103023R	Banned by DOE
11310277	M70MLTLC3D	103026R	Banned by DOE
11310281	M70MLTLC3D	103026RA	Banned by DOE
11310482	No Direct Cross	103026RY	Banned by DOE
11310486	M100TRILC30	103027Y	Banned by DOE
11310490	No Direct Cross	103028Y	Banned by DOE
11310494	No Direct Cross	103029Y	Banned by DOE
11310497	M70MLTLC3M	103030A	Banned by DOE
11310498	M70MLTLC3M	103045R	Banned by DOE
11310500	M70MLTLC3M	103070R	Banned by DOE
11310502	M70TRILC3M	103071R	Banned by DOE
11310506	M70MLTLC3M	103081R	Banned by DOE
11310510	M70MLTLC3M	103090R	Banned by DOE
11310531	M150MLTLC3M	103090RA	Banned by DOE
11310539	M150MLTLC3M	103091A	Banned by DOE
11310543	M150MLTLC3M	103091R	Banned by DOE
11310580	M70TRILC3M	103092A	Banned by DOE
11310584	M100TRILC3M	1031111N	Banned by DOE
11310589	M150TRILC3M	1031111S	Banned by DOE
11310590	M150TRILC3M	1031111U	Banned by DOE
11310604	M70TRILC3M	1032261R	Banned by DOE
11310605	M175TRIAC30	1032261RY	Banned by DOE
11312261	M100TRILC3M	1032271Y	Banned by DOE
12310120	S100MLTLC3M	1032301A	Banned by DOE
12310142	S70MLTLC3M	1033113S	Banned by DOE
12310143	S70MLTLC3M	103315S	Banned by DOE
12310144	S70MLTLC3M	103315SN	Banned by DOE
12310145	S70MLTLC3M	103316S	Banned by DOE
12310146	S70MLTLC3M	103317S	Banned by DOE
12310153	S70MLTLC3M	103323S	Banned by DOE
12310154	S150MLTLC30	103324S	Banned by DOE
12310155	S150MLTLC30	1038113S	Banned by DOE
12310156	S150MLTLC30	1038122S	Banned by DOE
12310157	S150MLTLC30	1038123S	Banned by DOE
12310158	S150MLTLC30	1038130S	Banned by DOE
12310165	S150MLTLC30	103825S	Banned by DOE
12310221	S70MLTLC3M	1110245CTC	1110245SCTC
12310223	S100MLTLC3M	1110246CY	1110246CTC
12310236	S50MLTLC3M	1110247RCTC	1110247SCTC
12310237	S70MLTLC3M	1111246CY	1111246CTC
12310239	S100MLTLC3M	1111247CTC	1111247SCTC
12310241	S150MLTLC30	1111247CY	1111247SCTC
12310579	S70TRILC3M	11210277CY	11210277CTC
12310584	S100TRILC3M	113011R	M175MLTAC3M
12310588	S150TRILC3M	113011RA	M175MLTAC3M
12311146	S70MLTLC3M	113011RTC	M175MLTAC3M
1130122R	M400MLTAC4M	1135138R	M1000230AC5M
113012A	M250MLTAC3M	1135140R	M1500230AC5M
113012R	M250MLTAC4M	1135231R	M400230AC4M
113013R	M400MLTAC4M	1135231RL	M400230AC4M
113013RA	M400MLTAC4M	1135233R	M1000230AC5M
113013S	M400MLTAC4M	1135233RL	M1000230AC5M
113015R	M175MLTAC3M	1135234R	M1500230AC5M
113015RA	M175MLTAC3M	1135234RL	M1500230AC5M
113016A	M250MLTAC3M	114091R	1110245SCTC
113016R	M250MLTAC4M	114093R	1110247SCTC
1130177R	M150MLTLC3D	12110236CTC	12210236CTC
113017R	M400MLTAC4M	12110239CTC	12210239CTC
113017RA	M400MLTAC4M	12210147C	No Direct Cross
113019R	M175MLTAC3M	12210147CTC	No Direct Cross
113019RA	M175MLTAC3M	12210236CY	12210236CTC
113020A	M250MLTAC3M	12210261RCTC	12210261CTC
113020R	M250MLTAC4M	1230123R	S400MLTAC5M
113021R	M400MLTAC4M	1230127S	S1000MLTAC5M
113021RA	M400MLTAC4M	123012S	S250MLTAC4M
113023R	M175MLTAC3M	123012SA	S250MLTAC4M
113023RA	M175MLTAC3M	123013S	S400MLTAC4M
1130245R	M175MLTAC3M	123013SA	S400MLTAC5M
1130246R	M250MLTAC4M	123013U	S400MLTAC4M
1130247R	M250MLTAC3M	123013UA	S400MLTAC4M
113024R	M250MLTAC4M	123016S	S250MLTAC4M
113025R	M400MLTAC4M	123016SA	S250MLTAC4M
113025RA	M400MLTAC4M	123017S	S400MLTAC4M

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113027R	M175TRIAC30	123017SA	S400MLTAC5M
113027RY	M175TRIAC30	123017U	S400MLTAC4M
113028R	M250TRIAC3M	123017UA	No Direct Cross
113028Y	M250TRIAC3M	123020S	S250MLTAC4M
1130295R	M250TRIAC3M	123020SA	S250MLTAC4M
1130296R	M400TRIAC4M	123021R	S400MLTAC5M
113029R	M400TRIAC4M	123021S	S400MLTAC5M
113029RY	M400TRIAC4M	123021SA	S400MLTAC5M
113031A	M25048TAC3M	123021T	S400MLTAC5M
113032R	M25048TAC3M	123021U	S400MLTAC4M
113033R	M40048TAC4M	123021UA	S400MLTAC4M
113033RA	M40048TAC4M	1230246S	S250MLTAC4M
113053Y	M1000TRIAC5M	1230247S	S400MLTAC4M
1130566R	M250TRIAC3M	1230247U	S400MLTAC4M
1130568R	M400TRIAC4M	1230249S	S1000MLTAC5M
1130593R	M250TRIAC3M	123024S	S250MLTAC4M
1130593RA	M250TRIAC3M	123024SA	S250MLTAC4M
1130595R	M400TRIAC4M	123025R	S400MLTAC5M
1130595RA	M400TRIAC4M	123025S	S400MLTAC5M
1130599R	M1500TRIAC5M	123025SA	S400MLTAC5M
113059R	M1500MLTAC5M	123025T	S400MLTAC5M
1130605A	M1500MLTAC5M	123025UA	S400MLTAC4M
113061R	M1500MLTAC5M	123028S	S250TRIAC4M
113063R	M1500MLTAC5M	123028SY	S250TRIAC4M
113065R	M1500MLTAC5M	1230295S	S250TRIAC4M
113067R	M1500TRIAC5M	1230295SA	S250TRIAC4M
113067Y	M1500TRIAC5M	1230296S	S400TRIAC4M
113069R	M150048TAC5M	1230296U	S400TRIAC4M
113071R	M175MLTAC3M	123029S	S400TRIAC4M
113072R	M250MLTAC4M	123029SY	S400TRIAC4M
113073R	M400MLTAC4M	123029U	S400TRIAC4M
1130826S	M400ML5AC4M	123032S	S25048TAC4M
113091R	M175MLTAC3M	123032SA	S25048TAC4M
113091RA	M175MLTAC3M	123033R	S40048TAC5M
113092A	M250MLTAC4M	123033S	S40048TAC5M
113092R	M250MLTAC4M	123033SA	S40048TAC5M
113092RA	M250MLTAC4M	123033T	S40048TAC4M
113093LL	M400MLTAC4M	123033U	S40048TAC4M
113093LLPROC	M400MLTAC4M	123033UA	S40048TAC4M
113093R	M400MLTAC4M	123037R	S1000MLTAC5M
113093RA	M400MLTAC4M	123037S	S1000MLTAC5M
113093S	M400MLTAC4M	123041S	S1000MLTAC5M
113093U	M400MLTAC4M	123045R	S1000MLTAC5M
113097R	M1000MLTAC5M	123045RY	S1000MLTAC5M
113099R	M1500MLTAC5M	123045S	S1000MLTAC5M
11310239A	M100MLTLC30	123049R	S1000MLTAC5M
11310510A	M70MLTLC3M	123049S	S1000MLTAC5M
11310604A	M70TRILC3M	123053RY	S1000TRIAC5M
1131090A	M100MLTLC30	123053S	S1000TRIAC5M
1132271R	M175TRIAC30	1230566S	S250TRIAC4M
1132271RY	M175TRIAC30	1230568S	S400TRIAC4M
1132281Y	M250TRIAC3M	1230568U	S400TRIAC4M
1132291RY	M400TRIAC4M	123057R	S100048TAC5M
1132331R	M40048TAC4M	123057S	S100048TAC5M
1132331RA	M40048TAC4M	1230593S	S250TRIAC4M
1132531Y	M1000TRIAC5M	1230593SA	S250TRIAC4M
1132671R	M1500TRIAC5M	1230595S	S400TRIAC4M
1132691R	M150048TAC5M	1230595U	S400TRIAC4M
113314R	No Direct Cross	1230595UA	S400TRIAC4M
1135134R	M400230AC4M	1230598S	S1000TRIAC5M
123081S	S1000MLTAC5M	123335UA	S50120RCEM
123092S	S250MLTAC4M	123335UN	123335W
123092SA	S250MLTAC4M	1235138S	S1000230AC5M
123093R	S400MLTAC5M	1235230S	S250230AC4M
123093S	S400MLTAC4M	1235233SL	S1000230AC5M
123093SA	S400MLTAC5M	1238122S	S250230AC4M
123093T	S400MLTAC4M	1238123S	S400230AC4M
123093U	S400MLTAC4M	1238134S	No Direct Cross
123093U001T	S400MLTAC4M	1238169S	No Direct Cross
123093U5	S400MLTAC4M	1238183S	No Direct Cross
123093UA	S400MLTAC4M	123824S	S250230AC4M
123097R	S1000MLTAC5M	124092S	No Direct Cross
123097S	S1000MLTAC5M	232-1807-327	12210261CTC
12310143A	S70MLTLC3M	232-1847-327	12210237CTC
12310147R	S70TRILC3M	232-1857-327	12210239CTC
12310147RY	S70TRILC3M	232-1867-327	12210241CTC
12310148R	S7048TLC3M	336-1337-327	Banned by DOE
12310148RA	S7048TLC3M	336-1377-327	Banned by DOE
12310153A	S70MLTLC3M	336-1387-327	Banned by DOE
12310159RY	S150TRILC3M	336-1397-327	Banned by DOE
12310159S	S150TRILC3M	336-1437-327	Banned by DOE
12310160R	S15048TLC3M	336-1467-327	Banned by DOE
12310160S	S15048TLC3M	336-1757-327	1110246CTC
12310160SA	S15048TLC3M	336-1777-327	1110245SCTC
12310165A	S150MLTLC30	336-1787-327	1110247SCTC
1231018A	S100MLTLC3M	336-1877-327	No Direct Cross
1231022A	S100MLTLC3M	336-27810	No Direct Cross
12310236A	S50MLTLC3M	336-2786-000	No Direct Cross
12310237A	S70MLTLC3M	336-43310	No Direct Cross
12310239A	S100MLTLC3M	336-4334-000	No Direct Cross

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12310241A	S150MLTLC30	336-4336-000	No Direct Cross
1231026R	S100TRILC3M	337-1790-000	No Direct Cross
1231026RY	S100TRILC3M	337-1790-009	No Direct Cross
1231030R	S10048TLC3M	337-2781-000	No Direct Cross
12310584A	S100TRILC3M	805-1330-000	Banned by DOE
12310588A	S150TRILC3M	805-1360-000	Banned by DOE
1231090A	S100MLTLC3M	805-1370-000	Banned by DOE
1231090R	S100MLTLC3M	805-1380-000	Banned by DOE
1231095A	S50MLTLC3M	805-1390-3	Banned by DOE
123121471R	S70TRILC3M	805-1770-000	M175MLTAC3M
123121481R	S7048TLC3M	805-1780-000	M400MLTAC4M
123121481RA	S7048TLC3M	805-1790-000	M1000MLTAC5M
123121591S	S150TRILC3M	H100048TAC5M	Banned by DOE
123121601S	S15048TLC3M	H1000MLTAC5M	Banned by DOE
12312261R	S100TRILC3M	H100230AC3M	Banned by DOE
12312261R	S100TRILC3M	H10048TAC3M	Banned by DOE
12312261RY	S100TRILC3M	H100MLTAC3M	Banned by DOE
12312301R	S10048TLC3M	H100TRIAAC3M	Banned by DOE
12312301R001	S10048TLC3M	H120MLTAC3M	Banned by DOE
1232171RY	S400MLTAC4M	H175120LC3N	Banned by DOE
1232281SY	S250TRIAAC4M	H17548TAC3M	Banned by DOE
1232321S	S25048TAC4M	H175MLTAC3M	Banned by DOE
1232331S	S40048TAC4M	H175TRIAAC3M	Banned by DOE
1232331SA	S40048TAC5M	H250230AC3M	Banned by DOE
1232331U	S40048TAC4M	H25048TAC3M	Banned by DOE
1232331UA	S40048TAC4M	H250MLTAC3M	Banned by DOE
1232531S	S1000TRIAAC5M	H250TRIAAC3M	Banned by DOE
1232571R	S100048TAC5M	H400120AC4M	Banned by DOE
1232571S	S100048TAC5M	H400230AC4M	Banned by DOE
123310N	123310W	H40048TAC4M	Banned by DOE
123310S	123310W	H400MLTAC4M	Banned by DOE
123310SN	123310W	H400TRIAAC4M	Banned by DOE
123310U	123310W	HPS10001B	HPS10004B
123310UA	S100120RCEM	HPS10001BY	HPS10004B
123310UN	S100120RCEM	HPS100045B	No Direct Cross
1233142N	1233142W	HPS10006B	HPS10004B
1233142S	1233142W	HPS15035B	HPS15045B
1233142SN	1233142W	HPS1503E	HPS1503A
1233142U	1233142W	HPS1504F	HPS1504A
1233142UA	1233142W	HPS1505A	HPS1505B
1233142UN	S70120RCEM	HPS4002B	HPS4003A
1233154S	1233154W	HPS40035B	HPS40045B
1233154SN	1233154W	HPS4501A	No Direct Cross
1233154U	1233154W	HPS7501B	No Direct Cross
1233154UA	S150120RCEM	M1000208AC5M	M1000MLTAC5M
1233154UN	S150120RCEM	M1000480AC5M	M100048TAC5M
1233183S	No Direct Cross	M1000480AC5M	M100048TAC5M
123324S	No Direct Cross	M1000MLTAI5M	No Direct Cross
1233251P	1233251W	M1000MLTAI5M	No Direct Cross
1233251S	1233251W	M1000MLTAN4M	M1000MLTAC5M
1233251U	1233251W	M1000MLTAN5M	M1000ML5AC5M
1233251UA	1233251W	M100120LC32	No Direct Cross
123335N	123335W	M100120LC3N	M100MLTLC30
123335P	123335W	M1500120AC5M	M1500MLTAC5M
123335S	123335W	M1500277AC5M	M1500MLTAC5M
123335SN	123335W	M1500480AC5M	M150048TAC5M
123335U	123335W	M175120AC3M	M175MLTAC3M
M175230AC3M	M175MLTAC3M	P200MLTAC3M	P200MLTAC3L
M175277AC3M	M175MLTAC3M	P200MLTAC4M	P200MLTAC3L
M175MLTAC4M	M175MLTAC3M	P25048TAC4M	P25048TAC4L
M175MLTAE3M	1110245SCTC	P250MLTAC4M	P250MLTAC4L
M175TRIAAC3M	M175TRIAAC30	P32048TAC4M	P32048TAC4L
M250120AC3M	M250MLTAC3M	P320MLTAC4M	P320MLTAC40
M250208AC3M	M250MLTAC3M	P320MLTAC4M	P320MLTAC40
M250240AC3M	M250MLTAC3M	P35015B	No Direct Cross
M250277AC3M	M250MLTAC3M	P350-15B	No Direct Cross
M250347AC3M	M250TRIAAC3M	P350480AC4M	P35048TAC4L
M250MLTAE3M	No Cross	P35048TAC4M	P35048TAC4L
M250TRIAAC4M	M250TRIAAC3M	P400277RCEM	P400MLTAC4L
M35120LC3M	M35MLTLC3M	P400MLTAC4M	P400MLTAC4L
M400120AC4M	M400MLTAC4M	P400MLTAC4M	P400MLTAC4L
M400208AC4M	M400MLTAC4M	P45048TAC4M	No Direct Cross
M400240AC4M	M400MLTAC4M	P450ML5AC4M	No Direct Cross
M400277AC4M	M400MLTAC4M	P450MLTAC4M	No Direct Cross
M400277AC4M	M400MLTAC4M	S1000208AC5M	S1000MLTAC5M
M40048TAC4S	M40048TAC4M	S1000277AC5M	S1000MLTAC5M
M400MLTAC4C	M400MLTAC4M	S1000MLTLC3M	S1000MLTAC5M
M400MLTAC4L	M400MLTAC4M	S150208LC3M	S150MLTLC30
M400MLTAC4S	M400MLTAC4M	S150MLTAC3M	S150MLTLC30
M400MLTAE4M	1110247SCTC	S150MLTLC3M	S150MLTLC30
M400MLTAI4X	No Direct Cross	S250208AC4M	S250MLTAC4M
M400MLTAWX	No Direct Cross	S250480AC4M	S25048TAC4M
M400TRIAN4M	M400TRIAAC4M	S250ML5AC4M	S250ML5AC40
M50120LC3N	M50MLTLC3M	S262R120V54F	No Direct Cross
M70120LC3N	M70MLTLC3M	S400120AC4M	S400MLTAC4M
M70MLTAC3M	M70MLTLC3M	S400277AC4M	S400MLTAC4M
MH10025B	MH10035B	S400277AC4M	S400MLTAC4M
MH15015B	No Direct Cross	S400480AC4M	S40048TAC4M
MH1501B	No Direct Cross	S430TRIAAC4M	No Direct Cross
MH15035B	No Direct Cross	SA250	No Direct Cross

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MH7035B	No Direct Cross	SA55	No Direct Cross
MH703A	No Direct Cross	WP12310165	No Direct Cross
P17548TAC3M	No Direct Cross	WP203013R	No Direct Cross
P175MLTAC3M	P175MLTAC3L	WP203013R	No Direct Cross
P175TRIA3M	No Direct Cross	WP203017S	No Direct Cross
P200277RCEM	No Direct Cross	WP213017	No Direct Cross
P20048TAC3M	No Direct Cross	WP213073	No Direct Cross

eHID

188151.02	188901.00	188523.02	188632.02
188152.02	188882.02	188524.02	188634.02
188156.02	188895.02	188551.02	188896.02
188157.02	188895.02	188610.02	188901.02
188171.02	188638.05	188611.02	188903.02
188172.02	188639.05	188627.02	188901.02
188173.02	188638.05	188628.02	188940.02
188184.02	188639.05	188629.02	188903.02
188243.02	188638.05	188638.02	188638.05
188246.02	188776.02 or 188246.05	188639.02	188639.05
188293.02	188895.02	EC100UNVBS	188633.02
188301.02	188895.02	EC100UNVSE	188169.02
188303.02	188629.02	EC150UNVBS	188638.05
188304.02	188631.02	EC20120SE	188514.02
188305.02	188633.02	EC20UNVBS	188901.02
188308.02	188639.05	EC20UNVSE	188901.02
188402.02	188895.02	EC39120SE	188635.02
188512.02	188895.02	EC39UNVSE	188895.02
188522.02	188630.02		

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Sign

51742	No Replacement	511232616TCP	No Replacement
51792	No Replacement	51591XLHR	No Replacement
51861	No Replacement	51591XLHRFL	No Replacement
51863	No Replacement	51591XLHRTC	No Replacement
71791	No Replacement	51591XLHRTCP	No Replacement
71863	No Replacement	51591XLHRTCPFL	No Replacement
256-0148-000	ESB216-12	51601XLH	No Replacement
256-0248-000	ESB216-12	51601XLHFL	No Replacement
256-02720	ESB216-12	51601XLHR	No Replacement
256-0272-000	ESB216-12	51601XLHRTC	No Replacement
256-0296-000	ESB432-14	51601XLHRTCP	No Replacement
256-0348-000	ESB432-14	51601XLHTC	No Replacement
256-0372-100	ESB432-14	51604XLH	No Replacement
256-0396-100	ESB432-14	51604XLHR	No Replacement
256-0396-600	ESB432-14	51604XLHRFL	No Replacement
256-0448-100	ESB432-14	51604XLHRTC	No Replacement
256-0464	ESB432-14	51604XLHRTCP	No Replacement
256-04640	ESB432-14	51604XLHRTCPFL	No Replacement
256-0472-100	ESB432-14	51604XLHTC	No Replacement
256-0484-100	ESB432-14	51609X	No Replacement
256-0484-106	ESB432-14	51609XR	No Replacement
256-049	ESB432-14	51609XRTC	No Replacement
256-0496-100	ESB432-14	51609XRTCP	No Replacement
256-0648	ESB848-46	51609XTC	No Replacement
256-0672-000	ESB848-46	51611CFL	No Replacement
256-0672-7	ESB848-46	51611CR	No Replacement
256-0696-000	ESB848-46	51611CRFL	No Replacement
256-0696-6	ESB848-46	51611CRTC	No Replacement
256-1272	No Replacement	51611CRTCP	No Replacement
256-1296	No Replacement	51611CRTCPFL	No Replacement
256-1348-000-5	No Replacement	51741CR	No Replacement

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256-1372	No Replacement	51741CRTC	No Replacement
256-15880	No Replacement	51741CRTCP	No Replacement
256-1588-000	No Replacement	51742R	No Replacement
256-3011-662	256-3011-862	51742RTC	No Replacement
256-3091-160	256-3091-860	51742RTCP	No Replacement
256-3120-100	256-3120-800	51742TC	No Replacement
256-3241-600	No Replacement	51744J	No Replacement
256-3331	No Replacement	51744JR	No Replacement
256-41200	No Replacement	51744JRTC	No Replacement
256-4120-000	No Replacement	51744JRTCP	No Replacement
258-0001-004	ESB216-12	51745JR	No Replacement
258-0272-000	ESB216-12	51745JRTC	No Replacement
258-0272-800	ESB216-12	51745JRTCP	No Replacement
258-0296-000	ESB216-12	51791R	No Replacement
258-0296-800	ESB216-12	51791RTC	No Replacement
258-0348-000	ESB432-14	51791RTCP	No Replacement
258-0348-800	ESB432-14	51792001C	No Replacement
258-0372-000	ESB432-14	51792R	No Replacement
258-0372-100	ESB432-14	51792RTC	No Replacement
258-0372-800	ESB432-14	51793JR	No Replacement
258-0396-100	ESB432-14	51793JRTC	No Replacement
258-0396-800	ESB432-14	71604XLHR	No Replacement
258-0448-000	ESB432-14	71604XLHRTCP	No Replacement
258-0448-100	ESB432-14	71611CR	No Replacement
258-0448-800	ESB432-14	71611CRTCP	No Replacement
258-0464	ESB432-14	71741CR	No Replacement
258-0464-800	ESB432-14	71741CRTCP	No Replacement
258-0472-100	ESB432-14	71745J	No Replacement
258-0472-800	ESB432-14	71745JR	No Replacement
258-0484	ESB432-14	71745JR TCP	No Replacement
258-0484-800	ESB432-14	71745JTC	No Replacement
258-0496-100	ESB432-14	71791R	No Replacement
258-0496-800	ESB432-14	71791RTCP	No Replacement
258-0648-000-0	ESB848-46	71792R	No Replacement
258-0648-800	ESB848-46	71792RTCP	No Replacement
258-0672	ESB848-46	71792TC	No Replacement
258-0672-800	ESB848-46	71793J	No Replacement
258-0696	ESB848-46	71793JR	No Replacement
258-0696-800	ESB848-46	71793JR TCP	No Replacement
258-3372-100	ESB848-46	71794J	No Replacement
258-3372-800	No Replacement	71794JR	No Replacement
258-3396-100	No Replacement	71794JR TC	No Replacement
258-3396-800	No Replacement	71794JR TCP	No Replacement
258-3472-100	No Replacement	71797S	No Replacement
258-3472-800	No Replacement	71797SR	No Replacement
258-3496-100	No Replacement	71797SRTCP	No Replacement
258-3496-800	No Replacement		
300-2171-650	300-2171-850		
510218016001I	No Replacement		
510218616TC	No Replacement		
510218616TCP	No Replacement		
511048016001I	No Replacement		
511048616TC	No Replacement		
511048616TCP	No Replacement		
511232016001I	No Replacement		
511232616TC	No Replacement		

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Electronic Fluorescent

6687	No Replacement	B232I120HP	B232IUNVHP-N
7696	No Replacement	B232I120HP-B	B232IUNVHP-N
8151	No Replacement	B232I120HPH	B232IUNVHEH-A
8181	No Replacement		
8229	No Replacement	B232I120HPL	B232IUNVEL-N
8437	No Replacement	B232I120L	B232IUNVEL-N
8548	No Replacement	B232I120L-A	B232IUNVEL-N
8971	No Replacement	B232I120RA-A	No Direct Cross
		B232I120RC-B	No Direct Cross/B232I120RES-G
		B232I120RCL-B	No Replacement
9468	No Replacement	B232I120RE-A	No Direct Cross
7811224	B239PUNV-D	B232I120RH	B232I120RES-A
		B232I120RH-A	B232IUNVHP-N
7811484	B228PUNV-N	B232I120RHH	B232IUNVHEH-A
7811510	No Direct Cross	B232I120RHH-A	B232IUNVHEH-A
7811679	No Direct Cross/B232I347HE-A	B232I220HP-B	B232IUNVHP-N
7811684	B259IUNVHP-A	B232I220RH	B232IUNVHP-N
7811721	B259IUNVHP-A	B232I277	B232IUNVHP-N
7814528	No Direct Cross/B228PUNV-N	B232I277EL	B232IUNVEL-N
7814800	B232PUNVHE-B	B232I277HE	B232IUNVHE-N
212ATCP	B260IUNVHP	B232I277HP	B232IUNVHP-N
300-0411-800	B260IUNVHP	B232I277HP-B	B232IUNVHP-N
300-0411-805	B260IUNVHP	B232I277HPH	B232IUNVHEH-A
300-0418-800	B260IUNVHP	B232I277HPL	B232IUNVEL-N
300-0418-805	B260IUNVHP	B232I277L	B232IUNVEL-N
300-1321-705	B260IUNVHP	B232I277L-A	B232IUNVEL-N
492XLHTC	B295PUNVHE-S	B232I277RH	B232IUNVHP-N
493B2	B295PUNVHE-S	B232I277RH-A	B232IUNVHP-N

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51794J	ESB848-46	B232I277RHH	B232IUNVHEH-A
51794JR	ESB848-46	B232I277RHH-A	B232IUNVHEH-A
51794JRTC	ESB848-46	B232I347HP	B232I347HE-A
		B232I347HP-A	B232I347HE-A
51794JRTCP	ESB848-46	B232I347L	B232I347EL-A
51797S	ESB848-46	B232I347L-A	B232I347EL-A
51797SR	ESB848-46	B232I347RH	B232I347HE-A
51797SRTC	ESB848-46	B232I347RH-A	B232I347HE-A
		B232IUNVEXP-B	B232IUNVHP-N
51797SRTCP	ESB848-46	B232IUNVHP-B	B232IUNVHP-N
		B232IUNVLC-B	B232IUNVHP-N
		B232IUNVLC-N	B232IUNVHP-N
51861R	ESB848-46	B232P120HP-A	B232PUNVHE-B
51861RTC	ESB848-46	B232P120RH	B232PUNVHE-B
51861RTCP	ESB848-46	B232P277HP-A	B232PUNVHE-B
51862R	No Replacement	B232P277RH	B232PUNVHE-B
51862RTC	No Replacement	B232PUNVEL-A	B232PUNVEL-B
51862RTCP	No Replacement	B232PUNVHE-A	B232PUNVHE-B
51863001C	No Replacement	B232PUNVHP-A	B232PUNVHE-B
		B232PUNVHPLA	B232PUNVHE-B
51863FL	ESB432-14	B232R120HP	B232PUNVHE-B
51863R	ESB432-14	B232R277HP	B232PUNVHE-B
		B234SR120BM-A	B234SR120M-A
		B239I120EXP-A	B239PUNV-D
		B240I120HP	B234SR120M-A
51863RTC	ESB432-14	B240R120	No Direct Cross/B234SR120M-A
		B240R120EXP-A	No Replacement
		B240R120HP	No Direct Cross/B234SR120M-A
51863RTCP	ESB432-14	B240R120RH	B234SR120M-A
71863R	ESB432-14	B240R277	B234SR277M-A/Export Only
71863RTCP	ESB432-14	B240R277HP	B234SR277M-A/Export Only
721LVLHTCP	No Replacement	B240R277RH	B234SR277M-A/Export Only
722LVLHTCP	No Replacement	B240T120	No Direct Cross/B234SR120M-A
734LTCP	B132IUNVHP-N	B240T120RH	B234SR120M-A
735LTCP	B132IUNVHP-N	B240T277	B234SR277M-A/Export Only
769LTC	B232I347HE-A	B240T277RH	B234SR277M-A/Export Only
		B244I277HE	B244I277HE-A
		B244IUNVHE-A	B244I120HE or B244I277HE-A
7811608-BEV	No Direct Cross/B232IUNVHP-N	B254IHRV-E	B254PHRVHB-E
7811721-NOM	B259IUNVHP	B254IUNV-E	B254PUNV-D
827ATCP	B260IUNVHP	B254PHRV-E	B254PHRVHB-E
831TC	B260IUNVHP	B254PUNVHT-D	B254PUNVHB-D
856BR	B260IUNVHP	B259I120HE	B259IUNVHE-A
B132I120EXP-A	B232I120RES-A		
B132I120HP	B132IUNVHP-N	B259I120HE-SL	B259IUNVHE-A
B132I120HP-B	B132IUNVHP-N	B259I120HP	B259IUNVHP-A
B132I120RC-B	B232I120RES-A		
B132I120RH	B232I120RES-A		
B132I120RH-A	B132IUNVHE-N		
B132I277HP	B132IUNVHP-N	B259I120HP-A	B259IUNVHP-A
B132I277HP-B	B132IUNVHP-N	B259I120HPL	B259IUNVEL-A
B132I277RH	B132IUNVHP-N	B259I120RH	B259IUNVHP-A
B132I277RH-A	B132IUNVHP-N	B259I120RH-A	B259IUNVHP-A
B132I277RHH-A	B232IUNVHEH-A	B259I120RHH	No Direct Cross
B132I347RH	B232I347HE-A	B259I277HE	B259IUNVHE-A
B132IUNVEL-A	B132IUNVEL-N		
B132IUNVHP-B	B132IUNVHP-N	B259I277HP	B259IUNVHP-A
B132IUNVLC-B	B132IUNVHP-N		
B132P120	B132PUNVHE-B	B259I277HP-A	B259IUNVHP-A
B132P120HP-A	B132PUNVHE-B	B259I277HPL	B259IUNVEL-A
B132P120RH	B132PUNVHE-B	B259I277RH	B259IUNVHP-A
B132P277	B132PUNVHE-B	B259I277RH-A	B259IUNVHP-A
B132P277HP-A	B132PUNVHE-B	B259I277RHH	No Direct Cross
B132P277RH	B132PUNVHE-B		
B134R120M-A	No Replacement		
B137I277RH-A	B132IUNVHP-N	B260I120RH	B260I120M-A
B140R120HP	No Replacement	B260I277HP	B260IUNVHP
B140R277HP	No Replacement	B260I277RH	B260IUNVHP
B140T120	No Replacement	B275I120	B260IUNVHP
B140T120RH	No Replacement	B275I120RH	B260IUNVHP
B140T277	No Replacement	B275I277	B260IUNVHP
B140T277RH	No Replacement	B275I277RH	B260IUNVHP
B159I120RH	B259IUNVEL-A	B275I277RHQP	B260IUNVHP
		B286I120RH	B286PUNVHE-S
		B286I277RH	B286PUNVHE-S
B159I277RH	B259IUNVEL-A	B295SR120HP	B295PUNVHE-S
B2110SR120	B295PUNVHE-S	B295SR277HP	B295PUNVHE-S
		B295SRUNVHP	B295PUNVHE-S
B2110SR120L	B295PUNVHE-S	B332I120	B332IUNVHP-A
B2110SR277	B295PUNVHE-S	B332I120EL	B332IUNVEL-A
B2110SR277L	B295PUNVHE-S	B332I120HE	B332IUNVHE-A
B228P347PL-A	No Replacement	B332I120HP	B332IUNVHP-A
B228PUNV95-C	B228PUNV95-D		
B232I120	B232IUNVHP-N	B332I120HP-A	B332IUNVHP-A
B232I120-G	B232I120RES-G		
B232I120AF-A	B232I120RES-A		
B232I120EL	B232IUNVEL-N	B332I120HPL	B332IUNVEL-A
B232I120EXP-A	B232IUNVHP-N	B332I120L	B332IUNVEL-A
B232I120HE	B232IUNVHE-N	B332I120L-A	B332IUNVEL-A

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Obsolete Catalog #	Recommended Substitution	Obsolete Catalog #	Recommended Substitution
B332I120RH	No Direct Cross/B432I120RES-	ES4515K	No Direct Cross
B332I120RH-A	B332IUNVHP-A	ES4537F	B224PUNV-C
B332I120RHH	No Direct Cross/B432IUNVHEH	ES4800A	B232PUNVHE-B
B332I277	B332IUNVHP-A	ES6021AMT-10	B132IUNVHP-N
B332I277EL	B332IUNVEL-A	ES6022AMT10	B232IUNVHP-N
B332I277HE	B332IUNVHE-A	ES6023NMT	B332IUNVHP-A
B332I277HP	B332IUNVHP-A	ES6023NMT10	B332IUNVHP-A
B332I277HP-A	B332IUNVHP-A	ES6024NMT	B432IUNVHP-A
B332I277HPL	B332IUNVEL-A	ES6024NMT10	B432IUNVHP-A
B332I277L	B332IUNVEL-A	ES6051AMT10	B132IUNVHP-N
B332I277L-A	B332IUNVEL-A	ES6052AMT10	B232IUNVHP-N
B332I277RH	B332IUNVHP-A	ES6053NMT10	B332IUNVHP-A
B332I277RH-A	B332IUNVHP-A	ES6054NMT10	B432IUNVHP-A
B332I277RHH	No Replacement	ES6072AMT10	B232IUNVHP-N
B332I277RHU-A	No Replacement		
B332I347L	No Replacement	ES6073NMT	B332IUNVHP-A
B332I347RH	No Direct Cross/B432I347EL-A	ES6073NMT10	B332IUNVHP-A
B332IHRV-E	B332IHRVHE-E	ES6074NMT10	B432IUNVHP-A
B332IUNVHEH-A	No Replacement		
B332IUNVLC-A	B332IUNVHP-A		
B332P120HP-A	B332PUNVHE-A	ES6323BMT	B332IUNVHP-A
B332P120RH	B332PUNVHE-A	ES6354BM10	B432IUNVHP-A
B332P277HP-A	B332PUNVHE-A	ESB296IUNV	ESB216-12
B332P277RH	B332PUNVHE-A	ESB496IUNV	ESB432-14
B332PUNVHP-A	B332PUNVHE-A	ESB696IUNV	ESB848-46
B332R120HP	B332PUNVHE-A	FBH-136	No Direct Cross
B332R277HP	B332PUNVHE-A	FBH-418	No Direct Cross
B340R120HP	No Direct Cross	LD12P32IS120U	B232IUNVHP-N
B340R277HP	No Direct Cross	LD12P32IS277U	B232IUNVHP-N
B340T120	No Direct Cross	LD13P32IS120U	B332IUNVHP-A
B340T120RH	No Direct Cross	LD13P32IS277U	B332IUNVHP-A
B340T277	No Direct Cross	LD14P32IS120U	B432IUNVHP-A
B340T277RH	No Direct Cross	LD14P32IS277U	B432IUNVHP-A
B432I120	B432IUNVHP-A	M132R120	B132IUNVHP-N
B432I120AF-A	B432I120RES-A		
B432I120EL	B432IUNVEL-A	M132R120C	B132IUNVHP-N
B432I120EXP-A	B432IUNVHP-A	M132R277	B132IUNVHP-N
B432I120HE	B432IUNVHE-A	M132R277C	B132IUNVHP-N
B432I120HP	B432IUNVHP-A	M232SR120	B232IUNVHP-N
B432I120HP-A	B432IUNVHP-A	M232SR347C	B232I347HE-A
B432I120HPL	B432IUNVEL-A	M232SR347L	B232I347EL-A
B432I120L	B432IUNVEL-A	MSB-0218	No Direct Cross
B432I120L-A	B432IUNVEL-A	MSB-1048	No Direct Cross
B432I120RA-A	B432IUNVHP-A	MSB-1232	No Direct Cross
B432I120RC-A	No Direct Cross/B432I120RES-A		
B432I120RCL-A	No Direct Cross/B432I120RES-A		
B432I120RE-A	B432IUNVHP-A		
B432I120RH	B432I120RES-A	PS-12T	No Direct Cross
B432I120RH-A	B432IUNVHP-A	PS-13	No Direct Cross
B432I120RH-AW	B432IUNVHP-A		
B432I277	B432IUNVHP-A	PS-18	No Direct Cross
B432I277EL	B432IUNVEL-A	PS-22	No Direct Cross
B432I277HE	B432IUNVHE-A	PS-24	No Direct Cross
B432I277HEH	B432IUNVHEH-E		
B432I277HP	B432IUNVHP-A	PS-26R	No Direct Cross
B432I277HP-A	B432IUNVHP-A	PS-32	No Direct Cross
B432I277HPL	B432IUNVEL-A	QT1X32/120IS	B132IUNVHP-N
B432I277L	B432IUNVEL-A	QT1X32/277IS	B132IUNVHP-N
B432I277L-A	B432IUNVEL-A	QT2X32/120HD1	B232IUNVHP-N
B432I277RH	B432IUNVHP-A	QT2X32/120HD10	B232IUNVHP-N
B432I277RH-A	B432IUNVHP-A	QT2X32/120IS	B232IUNVHP-N
B432I277RH-AW	B432IUNVHP-A	QT2X32/120LP	B232IUNVEL-N
B432I277RH-AWMP	B432IUNVHP-A	QT2X32/120PLU	B232IUNVHEH-A
B432I277RHQP	B432IUNVHP-A	QT2X32/120PLUS	B232IUNVHEH-A
B432I347L	B432I347EL-A	QT2X32/277HD1	B232IUNVHP-N
B432I347RH	B432I347HE-A	QT2X32/277HD10	B232IUNVHP-N
B432IUNV-D	B432IUNVHP-A	QT2X32/277IS	B232IUNVHP-N
B432IUNVLC-A	B432IUNVHP-A		
B432P120HP-A	B432PUNVHE-A	QT2X32/277LP	B232IUNVEL-N
B432P120RH	B432PUNVHE-A	QT2X32/277PLU	B232IUNVHEH-A
B432P277HP-A	B432PUNVHE-A	QT2X32/277PLUS	B232IUNVHEH-A
B432P277RH	B432PUNVHE-A	QT2X59/120IS	B259IUNVHP-A
B432PUNVHP-A	B432PUNVHE-A	QT2X59/120PLU	No Direct Cross/B259IUNVHE-A
B432R120HP	B432PUNVHE-A	QT2X59/120PLUS	No Direct Cross/B259IUNVHE-A
B432R277HP	B432PUNVHE-A	QT2X59/277IS	B259IUNVHP-A
B440R120	B234SR120M-A	QT2X59/277PLU	No Direct Cross/B259IUNVHE-A
B454IUNV-E	No Direct Cross/B454PUNV-E	QT2X59/277PLUS	No Direct Cross/B259IUNVHE-A
BT5-128/120	B228PUNV-N	QT3X32/120HD1	B332IUNVHP-A
BT5-128/12014W	B228PUNV-N	QT3X32/120HD10	B332IUNVHP-A
BT5-128/277	B228PUNV-N	QT3X32/120IS	B332IUNVHP-A
BT5-128/27714W	B228PUNV-N	QT3X32/120LP	B332IUNVEL-A
BT5-228/120	B228PUNV-N	QT3X32/120PLU	No Direct Cross
BT5-228/277	B228PUNV-N	QT3X32/120PLUS	No Direct Cross
C255PUNV-D	B254PUNV-D	QT3X32/277HD1	B332IUNVHP-A
ES1002F	B454PUNV-E	QT3X32/277HD10	B332IUNVHP-A
ES1329A	B232P347HE-A		

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ES1510A	No Replacement	QT3X32/277IS	B332IUNVHP-A
ES1608A	No Direct Cross/B232IUNVHP-N	QT3X32/277LP	B332IUNVEL-A
ES1608A-CPR	No Direct Cross/B232IUNVHP-N	QT3X32/277PLU	No Direct Cross
ES1679A	No Direct Cross/B232I347HE-A	QT3X32/277PLUS	No Direct Cross
ES1720B	No Direct Cross/B332IUNVHP-A	QT4X32/120HD1	B432IUNVHP-A
ES1786X	No Direct Cross	QT4X32/120HD10	B432IUNVHP-A
ES1786X-OSRU	No Direct Cross	QT4X32/120IS	B432IUNVHP-A
ES4500F	B228PUNV-N	QT4X32/120LP	B432IUNVEL-A
ES4503F	B228PUNV-N	QT4X32/277HD1	B432IUNVHP-A
ES4510K	B254PUNV-D	QT4X32/277HD10	B432IUNVHP-A

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QT4X32/277IS	B432IUNVHP-A		
QT4X32/277LP	B432IUNVEL-A		
QTAC2X32W/220	No Direct Cross		
QTAC2X32W/220V	No Direct Cross	USB-0218-16	ESB216-12
S3321600	No Direct Cross	USB-0412-12	ESB216-12

USB-0616-12-E	ESB296IUNV
USB-0816-14	ESB432-14
USB-1024-14	ESB432-14
USB-1048-16	No Direct Cross
USB-1232-16	No Direct Cross
USB-1232-24-E	No Direct Cross
USB-1632-24	ESB432-14
USB-2036-46	ESB848-46
USB-2048-46	ESB848-46
USB-TDR1218-23	ESB432-14
USB-TDR1632-24	ESB432-14
W590DTCP	B234SR277M-A/Export Only
W650LTCP	B234SR120M-A
W659TCP	B234SR277M-A/Export Only
WPR480XLHR	B295PUNVHE-S

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Dimming

7815821	B132PUNVSV3-A	B332SR120V20	B332SR120V5
7815822	B232PUNVSV3-A	B332SR277S50	2 x B232PUS50-A
7815839	B128PUNVSV3-D	B332SR277V10	B332SR277V5
7815849	B114PUNVSV3-D	B332SR277V20	B332SR277V5
7815851	B214PUNVSV3-D	B432P277V5-E	B432SR277V5
7815853	B135PUNVSV3-D	ES5010GTxxxx	C226UNVSV3ME
7815861	B228PUNVSV3-D	ES5010HTxxxx	C226UNVSV3ME
7815010GT	C226UNVSV3ME	ES5011GTxxxx	C213UNVSV3ME
7815010HT	C226UNVSV3ME	ES5011HTxxxx	C213UNVSV3ME
7815011GT	C226UNVSV3ME	ES5012GTxxxx	C218UNVSV3ME
7815011HT	C226UNVSV3ME	ES5012HTxxxx	C218UNVSV3ME
7815012GT	C218UNVSV3ME	ES5013GTxxxx	C226UNVSV3ME
7815012HT	C218UNVSV3ME	ES5013HTxxxx	C226UNVSV3ME
7815013GT	C226UNVSV3ME	ES5821B	B132PUNVSV3-A
7815013HT	C226UNVSV3ME	ES5822B	B232PUNVSV3-A
B132R120S50	B232PUS50-A	ES5847K	B228PUNVSV3-D
B132R120V20	B132PUNVSV3-A	ES5849K	B114PUNVSV3-D
B132R120V5	B132PUNVSV3-A	ES5851K	B214PUNVSV3-D
B132R277S50	B232PUS50-A	ES5853K	B135PUNVSV3-D
B132R277V20	B132PUNVSV3-A	ES5861K	B228PUNVSV3-D
B132R277V5	B132PUNVSV3-A	B114PUNVDV1	B114PUNVDV3-D
B132T120S	B232PUS50-A	B128PUNVDV1	B128PUNVDV3-D
B132T277S	B232PUS50-A	B132PUNVDV1	B132PUNVDV3-A
B228PU90S50D	B228PU95S50D	B154PUNVDV1	B254PUDV3PLD
B232SR120S50	B232PUS50-A	B214PUNVDV1	B214PUNVDV3-D
B232SR120V20	B232PUNVSV3-A	B228PUNVDV1	B228PUNVDV3-D
B232SR120V5	B232PUNVSV3-A	B232PUNVDV1	B232PUNVDV3-A
B232SR277S50	B232PUS50-A	B254PUNVDV1	B254PUDV3PLD
B232SR277V20	B232PUNVSV3-A	C118PUNVDV3	C226UNVDV3ME
B232SR277V5	B232PUNVSV3-A	C218PUNVDV3	C226UNVDV3ME
B232T120S	B232PUS50-A	C126PUNVDV3	C226UNVDV3ME
B232T277S	B232PUS50-A	C226PUNVDV3	C226UNVDV3ME
B332SR120S50	2 x B232PUS50-A	C132PUNVDV3	C226UNVDV3ME
B332SR120V10	B332SR120V5	C142PUNVDV3	C226UNVDV3ME


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Lampholders

101337	No Replacement	508265	No Replacement
101338	No Replacement	508266	No Replacement
101340	No Replacement	508267	No Replacement
101341	No Replacement	508268	No Replacement

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101342	No Replacement	508269	No Replacement
101344	No Replacement	508270	No Replacement
101346	No Replacement	508271	No Replacement
101366	No Replacement	508272	No Replacement
101375	No Replacement	508273	No Replacement
101377	No Replacement	508274	No Replacement
101379	No Replacement	508275	No Replacement
101381	No Replacement	508276	No Replacement
101382	No Replacement	508277	No Replacement
101685	537166	508278	No Replacement
101690	537167	508279	No Replacement
109022	No Replacement	509152	537166
109346	545845	509153	536329
109371	545840	509154	537167
109372	545842	509155	536330
109529	545849	509162	537174
505740	545933	509163	536337
505741	545935	509164	537175
505742	545937	509165	536338
505744	545939	509609	545858
505748	545894	509610	545862
505749	545896	520739	No Replacement
508261	No Replacement	529834	No Replacement
508262	No Replacement		
508263	No Replacement		
508264	No Replacement		

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Address:	Universal Lighting Technologies 26 Century Blvd, Suite 500 Nashville, TN 37214-4602	
Customer Service:	1-800-862-8666	
Tech Support:	1-800-BALLAST	www.unvlt.com 