

Competitive P/N	Universal P/N	Comments	Universal Description
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## Venture to Universal Lighting Technologies

### HID Ballasts

#### Probe Start Metal Halide

V905R6510	M1000230AC5M		(1) 1000W MH M48 230V 50HZ C&C
V90AA6910	No Cross		
V90B6112	M175120AC3M		(1) 175W MH M57 120V 60HZ
V90C6910	No Cross		
V90D6111	No Cross		
V90D6111	M175MLTAC3M		(1) 175W MH M57 QUAD 60HZ C&C
V90D6112	M175MLTAC3M		(1) 175W MH M57 QUAD 60HZ C&C
V90D6211	M250MLTAC3M		(1) 250W MH M58 QUAD 60HZ C&C
V90D6212	M250MLTAC4M		(1) 250W MH M58 MULTI 60HZ
V90D6215	M250MLTAC4M		(1) 250W MH M58 MULTI 60HZ
V90D6412	M400MLTAC4M		(1) 400W M59 MULTI 60HZ
V90D6413	M400MLTAC4M		(1) 400W M59 MULTI 60HZ
V90D6414	M400MLTAC4M		(1) 400W M59 MULTI 60HZ
V90D6516	No Cross		
V90D6517	M1000MLTAC5M		(1) 1000W M47 MULTI 60HZ
V90D6612	M1500MLTAC5M		(1) 1500W MH M48 QUAD 60Hz C&C
V90E6150	No Cross		
V90E6250	No Cross		
V90E6450	No Cross		
V90E6550	No Cross		
V90J6111	No Cross		
V90J6111	M175TRIAC30		(1) 175W MH M57 TRIVOLT 60Hz
V90J6112	M175TRIAC30		(1) 175W MH M57 TRIVOLT 60Hz
V90J6211	M250TRIAC3M		(1) 250W MH M58 TRIVOLT 60HZ
V90J6212	M250TRIAC4M		(1) 250W MH M58 TRI 60HZ
V90J6215	M250TRIAC4M		(1) 250W MH M58 TRI 60HZ
V90J6413	M400TRIAC4M		(1) 400W M59 TRIVOLT 60HZ
V90J6514	M1000TRIAC5M		(1) 1000W MH M47 TRI 60HZ
V90P6150T	No Cross		
V90P6250T	No Cross		
V90P6450T	No Cross		
V90P6550T	No Cross		
V90Y6111	No Cross		
V90Y6111T	M17548TAC3M		(1) 175W MH M57 480-120V 60HZ
V90Y6211	M25048TAC3M		(1) 250W MH M58 480V 60HZ w/ DRYCAP
V90Y6212T	M25048TAC4M		(1) 250W M58 480-120V 60HZ
V90Y6413T	M40048TAC4M		(1) 400W M59 480-120V 60HZ
V90Y6514T	M100048TAC5M		(1) 1000W MH M47 48T 60HZ C&C
V90Y6517T	M100048TAC5M		(1) 1000W MH M47 48T 60HZ C&C
V90Y6612T	M150048TAC5M		(1) 1500W MH M48 48T 60HZ C&C
V90Z6150	No Cross		
V90Z6250	No Cross		
V90Z6450T	No Cross		
V90Z6550	No Cross		

#### Pulse Start Metal Halide

V90D5530	No Cross		
V90D5731	M50MLTLC3M		(1) 50W M110 MULTI 60HZ
V90D5832	M70MLTLC3M		(1) 70W HPS S62 MULTI 60HZ C&C
V90D5833	M70MLTLC3M		(1) 70W HPS S62 MULTI 60HZ C&C
V90D5932	M100MLTLC30		(1) 100W MH M90 MULTI 60HZ C&C
V90D7110	M150MLTAC3M		(1) 150W MH M102/M142 MULTI 60HZ C&C
V90D7130	M150MLTLC3M		(1) 150W MH M102 MULTI 60HZ C&C
V90D7131	M150MLTLC3M		(1) 150W MH M102 MULTI 60HZ C&C
V90D7210	P175MLTAC3M		(1) 175W PS M137 QUAD 60Hz C&C
V90D7211	P175MLTAC3L		(1) 175W PS M132 QUAD 60Hz Low Loss C&C
V90D7310	P200ML5AC3M		(1) 200W PSMH M136 5-Tap 60HZ C&C
V90D7311	No Cross		
V90D7312	P200MLTAC3L		(1) 200W PSMH M136 CWA QUAD 60Hz C&C
V90D7330	No Cross		
V90D7411	P320MLTAC40	ULT: EISA	(1) 320 PSMH M132 MULTI 60HZ C&C
V90D7413	P320MLTAC40		(1) 320 PSMH M132 MULTI 60HZ C&C
V90D7430	No Cross		
V90D7512	P350MLTAC40		(1) 350W PS M131 QUAD 60Hz C&C
V90D7513	P350MLTAC40		(1) 350W PS M131 QUAD 60Hz C&C
V90D7530	No Cross		
V90D7613	P400MLTAC4L		(1) 400W PS M135 QUAD 60Hz C&C
V90D7810	P1000MLTAC5M		(1) 1000W PSMH M141 MULTI 60HZ
V90D7811	P1000MLTAC5M		(1) 1000W PSMH M141 MULTI 60HZ
V90D7910	P750MLTAC5M		(1) 750W PS MULTI 60HZ C&C
V90D8411	P250MLTAC4L		(1) 250W PS M138 QUAD 60Hz C&C
V90D8412	P250MLTAC4L		(1) 250W PS M138 QUAD 60Hz C&C
V90D8412T	P25048TAC4L		(1) 250W PSMH M153 48T 60Hz LOW LOSS C&C
V90D8512	P450MLTAC4L		(1) 450 PS M144 QUAD 60HZ C&C
V90D8530	No Cross		
V90D8612	P875MLTAC5M		(1) 875W PSMH MULTI 60HZ C&C
V90D8812	No Cross		
V90D9610	P875MLTAC5M		(1) 775W PSMH M181 CWA QUAD 60Hz C&C

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V90H5731	No Cross		
V90H5832	No Cross		
V90H5833	No Cross		
V90H5932	No Cross		
V90H7130	No Cross		
V90J5530	No Cross		
V90J5731	M50TRILC3M		(1) 50W M110 TRIVOLT 60HZ
V90J5832	M70TRILC3M		(1) 70W M98 TRIVOLT 60HZ
V90J5932	M100TRILC3M		(1) 100W MH M90 TRI 60HZ C&C
V90J7110	No Cross		
V90J7130	M150TRILC3M		(1) 150W MH M102 TRI 60HZ
V90J7210	P175TRAC3M		(1) 175W PS M137 TRI 60Hz C&C
V90J7310	P200TRAC4M		(1) 200W PSMH M136 TRI 60Hz C&C
V90J7330	No Cross		
V90J7411	P320TRAC4M		(1) 320W PS M132 TRI 60HZ C&C
V90J7413	P320TRAC4M		(1) 320W PS M132 TRI 60HZ C&C
V90J7430	No Cross		
V90J7512	P350TRAC4M	ULT: No EISA stamp on Tri tap ballasts	(1) 350W PS M131 TRI 60HZ C&C
V90J7530	No Cross		
V90J7612	P400TRAC4M	ULT: No EISA stamp on Tri tap ballasts	(1) 400W PS M135 TRI 60HZ C&C
V90J7810	M1000TRAC5M		(1) 1000W MH M47 TRI 60HZ
V90J7811	No Cross		
V90J7910	P750TRAC5M		(1) 750W PSMH M149 TRIVOLT 60HZ C&C
V90J8410	P250TRAC4M		(1) 250W M138 TRIVOLT 60HZ
V90J8511	No Cross		
V90J8530	No Cross		
V90J8612	No Cross		
V90J8811	No Cross		
V90U5521	No Cross		
V90U5920	113314R		(1) 100W MH M90 277 60Hz C&C
V90U7120	No Cross		
V90U7121	No Cross		
V90U7221	P175277RCEM		(1) 175W PS/MH M137 277V 60HZ C&C
V90U7321	P200277RCEM		(1) 200W PS M136 277V 60Hz
V90U7421	P320277RCEM		(1) 320 PSMH M132 277 60HZ REACTOR
V90U7521	P350277RCEM		(1) 350W PS/MH M131 277V 60HZ C&C
V90U7621	No Cross		(1) 400W PS/MH 277V 60HZ C&C
V90U8421	P250277RCEM		(1) 250W PS M138 277 60Hz
V90U8521	No Cross		
V90U8820	No Cross		
V90V6810	No Cross		
V90Y5510T	No Cross		
V90Y5530T	No Cross		
V90Y6810	No Cross		
V90Y7110T	No Cross		
V90Y7210T	P175ML5AC3M		(1) 175W PS M137 5-Tap 60Hz C&C
V90Y7211T	P17548TAC3L		(1) 175W PS M137 480/120T 60Hz C&C
V90Y7310T	No Cross		
V90Y7311T	No Cross		
V90Y7312T	P20048TAC3L		(1) 200W PSMH M136 CWA 480 60Hz C&C
V90Y7330T	No Cross		
V90Y7412T	P32048TAC4L		(1) 320W PS M154 480-120V 60HZ LOW LOSS C&C
V90Y7430T	No Cross		
V90Y7513T	P35048TAC40		(1) 350W PS M131 480-120V 60HZ LOW LOSS C&C
V90Y7530T	No Cross		
V90Y7613T	P40048TAC4L		(1) 400W PS M135 48T 60Hz C&C
V90Y7810T	M100048TAC5M		(1) 1000W PSMH M47 48T 60Hz C&C
V90Y7811T	M100048TAC5M		(1) 1000W MH M47 48T 60Hz C&C
V90Y7910T	P75048TAC5M		(1) 750W PS 480-120V 60HZ C&C
V90Y8411T	P25048TAC4L		(1) 250W PSMH M153 48T 60Hz LOW LOSS C&C
V90Y8512T	P45048TAC4L		(1) 400W PS M135 48T 60Hz C&C
V90Y8530T	No Cross		
V90Y8612T	P875ML5AC5M	ULT is 5-Tap	(1) 875W PSMH M166 CWA 5-Tap 60Hz C&C
V90Y8620	No Cross		
V90Y8811T	No Cross		
V90Y9610T	No Cross		
<b>Pulse Start Metal Halide</b>			
V90B1020	1233251W		(1) 35W HPS S75 120V 60HZ C&C
V90E1030	No Cross		
V90V1030	No Cross		
V90B1120	123335W		(1) 50W HPS S65 120V 60HZ C&C
V90E1131	S50MLTLC3M	ULT: 120/208/240/277 VEN: 120/240	(1) 50W HPS S68 MULTI 60HZ C&C
V90V1131	No Cross		
V90H1132	S50MLTLC3M	ULT: 120/208/240/277 VEN: 120/277	(1) 50W HPS S68 MULTI 60HZ C&C
V90E1151	No Cross		
V90B1222	1233142W		(1) 70W HPS S62 120 60Hz C&C
V90J1232	S70TRILC3M		(1) 70W HPS S62 TRI 60Hz C&C
V90D1233	S70MLTLC3M		(1) 100W HPS S54 QUAD 60Hz C&C
V90E1250	No Cross		
V90E1252	No Cross		
V90P1252	No Cross		
V90Z1252	No Cross		

Competitive P/N	Universal P/N	Comments	Universal Description
V90B1322	123310W		(1) 100W HPS S54 120 60Hz C&C
V90J1332	S100TRILC3M		(1) 100W HPS S54 TRI 60Hz C&C
V90D1333	S100MLTLC3M		(1) 100W HPS S45 TRI 60Hz C&C
V90E1350	No Cross		
V90Z1352	No Cross		
V90C1353	No Cross		
V90B1422	1233154W		(1) 150W HPS S55 120 60Hz C&C
V90J1434	S150TRILC3M		(1) 150W HPS S55 MULTI 60Hz C&C
V90D1435	S150MLTLC30		(1) 150W HPS S55 MULTI 60Hz C&C
V90C1454	No Cross		
V90V1454T	No Cross		
V90Y1454	No Cross		
V90Z1454T	No Cross		
V90E1650	No Cross		
V90V1650	No Cross		
V90D1711	S250MLTAC4M		(1) 250W HPS S50 MULTI 60Hz C&C
V90J1711	S250TRIAC4M		(1) 250W HPS S50 TRI 60Hz C&C
V90Y1711T	S25048TAC4M		(1) 250W HPS S50 480-120 60Hz C&C
V90E1750	No Cross		
V90AS1750	No Cross		
V90J1911	S400TRIAC4M		(1) 400W HPS S51 TRI 60Hz C&C
V90D1912	S400MLTAC4M		(1) 400 HPS S51 QUAD 60Hz C&C
V90Y1912T	S40048TAC4M		(1) 400W HPS S51 480 60Hz C&C
V90AS1950	No Cross		
V90E1950	No Cross		
V90P1950T	No Cross		
V90Y1950	No Cross		
V90C2050	S430MLTAC4M	ULT: 120/208/240/277 VEN: 120/208/240	(1) 430W HPS SONAGRO QUAD 60Hz C&C
V90D2111	S600MLTAC5M		(1) 600W HPS S106 QUAD 60Hz C&C
V90D2310	S1000MLTAC5M		(1) 1000W HPS S52 MULTI 60Hz
V90J2310	S1000TRIAC5M		(1) 1000W HPS S52 TRI 60Hz C&C
V90D2311	S1000MLTAC5M		(1) 1000W HPS S52 MULTI 60Hz
V90Y2311T	S100048TAC5M		(1) 1000W HPS S52 480 60Hz C&C
V90D2315	S1000MLTAC5M		(1) 1000W HPS S52 MULTI 60Hz
V90E2353	No Cross		
V90Y2353	No Cross		
V90Z2353	No Cross		