

UPGRADE AND SAVE



UPGRADE SYSTEM KITS

UNI-FORM® PULSE START METAL HALIDE LIGHTING SYSTEM

- Achieve equal or more light while using less energy than older systems
- Upgrade an existing outdoor area or roadway lighting with RIO systems: Retrofit Integrated Optics system
- "One Call" warranty doubles the warranty period on lamps and ballasts that are purchased and installed as part of the Uni-Form® pulse start system
- Lamp-ballast upgrade system kits save up to 465 watts per luminaire and achieve up to 120 lumens per watt
- Long life: 40,000 rated life hours with Super Pulse Start Long Life (SPL)



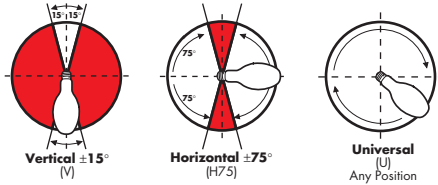
VENTURE
LIGHTING

LIGHTING SOLUTIONS: UPGRADE KITS

STEPS IN UPGRADING: IT'S EASY AS 1, 2, 3...

Step 1 Assess the Fixture!

Are the fixture and reflector in good condition? If "Yes", you're on your way!



Pulse start lamps above 150 watts are engineered for Vertical (V) or Horizontal (H) operating position only. Universal (U) lamps are available in 150 watts and below.

Step 2 Choose a Lamp!

Everything you need to order the right product is located within the description code of any Venture Lighting lamp or RIO kit. See our catalog or website for details.



VentureLighting.com

Step 3 Choose a Ballast!



Venture Lighting has a wide variety of energy saving ballasts in several different configurations. Contact a Venture sales representative and they will help you select the right ballast for any project.

See the Ballast Product Description codes in our catalog or website for details.

Start Saving!

CONTENTS OF AN UPGRADE SYSTEM KIT:

1. 4KV pulse rated socket
2. Venture's high performing Uni-Form® pulse start lamp
3. Venture's energy efficient pulse start ballast
4. Capacitor
5. High pulse ignitor
6. Ballast Bracket



ALL IN ONE BOX

Now shipping our "Upgrade Systems" in 1 box - not 2-3 different packages - No more confusion at the distributor level *Simple, Direct, Easier - Less space needed to stock!*



UPGRADE SAVINGS

Probe Start Fixture	Venture's Uni-Form® Pulse Start System	System Watts Saved ¹	Total Annual Savings Per Fixture ²	Light Levels ³	Extended Lamp Life Hours	Maintained Lumens Per Watt ⁵
1000W	875W (SPL)	158	\$69	V: +46% H: +49%	+28000 +2100	90 82
REPLACE WITH →						
775W	4	240	\$105	V: +4% H: +5%	+14000 +6000	77 70
575W (SPL)		465	\$204	V: -11% H: -9%	+28000 +31000	83 77
400W	350W (SPL)	78	\$34	V: +35% H: +41%	+20000 +25000	86 81
REPLACE WITH →						
320W (SPL)		109	\$48	V: +19% H: +28%	+20000 +25000	83 81
250W (SPL)		183	\$80	V: -8% H: -6%	+20000 +25000	82 76
250W	200W (SPL)	71	\$31	V: +90% H: +101%	+30000 +32500	86 82
REPLACE WITH →						
175W		95	\$42	V: +48%	+5000	86
150W (SPL)		120	\$53	V: +33%	+30000	75
125W (SPL)		150	\$66	V: +14%	+30000	77



Our warranty program leads the industry in comprehensive system coverage, which doubles the warranty period on lamps and ballasts that are purchased and installed as part of the Uni-Form® pulse start system.

Notes:

- 1 Based on use of CWA ballast for Standard Probe Start and 775W, reactors for all other lamps
 - 2 Based upon 12 hours operation per day, \$0.10 per kWh
 - 3 Lumen depreciation compared at 8000 hrs
 - 4 Natural White 775W Scotopic light output appears 25% brighter
 - 5 Maintained Lumens Per Watt of probe start
1000W = 72, 400W = 59, 250W = 54, 175W = 52
V = Vertical, H = Horizontal lamp burn operation
- = Uni-Form Pulse Start
 = Natural White
 = Horizontal Pulse Start



RETROFIT/UPGRADE SYSTEM KITS

Ballast Type	System Kit Order Number	Lamp Description
20 WATT		
Ventronic	38801/VEN6-020D-ME	MPC 20W/U/MR16/PS/830/FL25
	38806/VEN6-020D-ME	MHC 20W/U/T4/UVS/PS/830
	38809/VEN6-020D-ME	MHC 20W/U/T6/UVS/PS/830
	38802/VEN6-020D-ME	MPC 20W/U/MR16/PS/830/WF40

39 WATT		
Ventronic	38804/VEN6-039D-ME	MPC 39W/U/MR16/PS/930/FL25
	38807/VEN6-039D-ME	MHC 39W/U/T4/UVS/PS/930
	38810/VEN6-039D-ME	MHC 39W/U/T6/UVS/PS/930
	38826/VEN6-039D-ME	MPC 39W/U/PAR30L/UVS/PS/830/FL30
	38805/VEN6-039D-ME	MPC 39W/U/MR16/PS/930/WF40
	38833/VEN6-039D-ME	MPC 39W/U/PAR20/UVS/PS/830/SP10
	38844/VEN6-039D-ME	MPC 31.5W/U/ED37/PS/942
	38825/VEN6-039D-ME	MPC 39W/U/PAR30L/UVS/PS/830/SP10

50 WATT		
Ventronic	38835/VEN6-050D-ME	MHC 50W/U/T4/UVS/PS/930
	38836/VEN6-050D-ME	MHC 50W/U/T6/UVS/PS/930
Quad HX	52312/V90D5731K	MH 50W/U/PS
	32100/V90D5731K	MP 50W/U/UVS/PS
	10226/V90D5731K	MP 50W/U/UVS/PS/3K
	13093/V90D5731K	MH 50W/C/U/PS
	30041/V90D5731K	MP 50W/C/U/UVS/PS
	10381/V90D5731K	MP 50W/C/U/UVS/PS/3K
Dual HX	52312/V90H5731K	MH 50W/U/PS
	32100/V90H5731K	MP 50W/U/UVS/PS
	10226/V90H5731K	MP 50W/U/UVS/PS/3K
	13093/V90H5731K	MH 50W/C/U/PS
	30041/V90H5731K	MP 50W/C/U/UVS/PS
	10381/V90H5731K	MP 50W/C/U/UVS/PS/3K

60 WATT		
Ventronic	38822/VEN6-060L-PMLS	MHC 60W/U/T6C/UVS/PS/728
	38822/VEN6-060B-PMLS	MHC 60W/U/T6C/UVS/PS/728

70 WATT		
Ventronic	38808/VEN6-070D-ME	MHC 70W/U/T4/UVS/PS/930
	38811/VEN6-070D-ME	MHC 70W/U/T6/UVS/PS/930
	38828/VEN6-070D-ME	MPC 70W/U/PAR30L/UVS/PS/830/FL40
	38827/VEN6-070D-ME	MPC 70W/U/PAR30L/UVS/PS/830/SP10
Quad HX	95071/V90D5833K	MP 70W/U/UVS/PS/EM/950
	40389/V90D5833K	MP 70W/U/UVS/PS
	45424/V90D5833K	MP 70W/U/UVS/PS/3K
	15632/V90D5833K	MHL 70W/U/ED17/PS/740
	32618/V90D5833K	MHL 70W/C/U/ED17/PS/737
	86501/V90D5833K	MHL 70W/C/U/ED28/PS/740
	36519/V90D5833K	MHL 70W/C/U/ED28/PS/737
	78138/V90D5833K	MH 70W/U/PS
	16017/V90D5833K	MH 70W/U/ED28/PS
	95072/V90D5833K	MP 70W/C/U/UVS/PS/EM/950
	12180/V90D5833K	MH 70W/C/U/PS
	22466/V90D5833K	MP 70W/C/U/ED28/UVS/PS/3K
	14611/V90D5833K	MP 70W/C/U/UVS/PS/3K
	67115/V90D5833K	MP 70W/C/U/UVS/PS
	66524/V90D5833K	MPL 70W/U/ED28/PS/740
	35472/V90D5833K	MPL 70W/C/U/ED28/PS/737
Dual HX	95071/V90H5833K	MP 70W/U/UVS/PS/EM/950
	40389/V90H5833K	MP 70W/U/UVS/PS
	45424/V90H5833K	MP 70W/U/UVS/PS/3K
	15632/V90H5833K	MHL 70W/U/ED17/PS/740
	32618/V90H5833K	MHL 70W/C/U/ED17/PS/737
	86501/V90H5833K	MHL 70W/U/ED28/PS/740
	36519/V90H5833K	MHL 70W/C/U/ED28/PS/737
	78138/V90H5833K	MH 70W/U/PS
	16017/V90H5833K	MH 70W/U/ED28/PS

Ballast Type	System Kit Order Number	Lamp Description
	95072/V90H5833K	MP 70W/C/U/UVS/PS/EM/950
	12180/V90H5833K	MH 70W/C/U/PS
	22466/V90H5833K	MP 70W/C/U/ED28/UVS/PS/3K
	14611/V90H5833K	MP 70W/C/U/UVS/PS/3K
	67115/V90H5833K	MP 70W/C/U/UVS/PS
	66524/V90H5833K	MPL 70W/U/ED28/PS/740
	35472/V90H5833K	MPL 70W/C/U/ED28/PS/737

90 WATT		
Ventronic	38823/VEN6-090L-CWPMLS	MHC 90W/U/T6C/UVS/PS/728

100 WATT		
Ventronic	38812/VEN6-100D-MD	MHC 100W/U/T6/UVS/PS/930
Quad HX	95100/V90D5932K	MP 100W/U/UVS/PS/EM/950
	96267/V90D5932K	MP 100W/U/UVS/PS
	96770/V90D5932K	MP 100W/U/UVS/PS/3K
	21982/V90D5932K	MHL 100W/U/ED17/PS/740
	54231/V90D5932K	MHL 100W/C/U/ED17/PS/737
	22498/V90D5932K	MHL 100W/U/ED28/PS/740
	54286/V90D5932K	MHL 100W/C/U/ED28/PS/737
	27266/V90D5932K	MH 100W/U/PS
	67868/V90D5932K	MH 100W/U/ED28/PS
	92534/V90D5932K	MP 100W/C/U/UVS/PS/EM/950
	79986/V90D5932K	MH 100W/C/U/ED28/PS
	15823/V90D5932K	MH 100W/C/U/PS
	22145/V90D5932K	MP 100W/C/U/ED28/UVS/PS/3K
	11278/V90D5932K	MP 100W/C/U/UVS/PS
	11245/V90D5932K	MP 100W/C/U/UVS/PS/3K
	66525/V90D5932K	MPL 100W/U/ED28/PS/740
	66530/V90D5932K	MPL 100W/C/U/ED28/PS/737
	46484/V90D5932K	MHL 100W/U/ED23.5/PS/740
Dual HX	95100/V90H5932K	MP 100W/U/UVS/PS/EM/950
	96267/V90H5932K	MP 100W/U/UVS/PS
	96770/V90H5932K	MP 100W/U/UVS/PS/3K
	21982/V90H5932K	MHL 100W/U/ED17/PS/740
	54231/V90H5932K	MHL 100W/C/U/ED17/PS/737
	22498/V90H5932K	MHL 100W/U/ED28/PS/740
	54286/V90H5932K	MHL 100W/C/U/ED28/PS/737
	27266/V90H5932K	MH 100W/U/PS
	67868/V90H5932K	MH 100W/U/ED28/PS
	92534/V90H5932K	MP 100W/C/U/UVS/PS/EM/950
	79986/V90H5932K	MH 100W/C/U/ED28/PS
	15823/V90H5932K	MH 100W/C/U/PS
	22145/V90H5932K	MP 100W/C/U/ED28/UVS/PS/3K
	11278/V90H5932K	MP 100W/C/U/UVS/PS
	11245/V90H5932K	MP 100W/C/U/UVS/PS/3K
	66525/V90H5932K	MPL 100W/U/ED28/PS/740
	66530/V90H5932K	MPL 100W/C/U/ED28/PS/737
	46484/V90H5932K	MHL 100W/U/ED23.5/PS/740

125 WATT		
Quad CWA	13341/V90D8812K	MP 125W/BU/UVS/PS
	25813/V90D8812K	MP 125W/V/ED28/UVS/PS
	41256/V90D8812K	MHL 125W/U/ED17/PS/740
	38509/V90D8812K	MHL 125W/C/U/ED17/PS/737
	93256/V90D8812K	MHL 125W/U/ED28/PS/740
	43928/V90D8812K	MHL 125W/C/U/ED28/PS/737
	76602/V90D8812K	MH 125W/HBU/PS
	61914/V90D8812K	MH 125W/HBU/ED28/PS
	35638/V90D8812K	MH 125W/C/HBU/PS
	43319/V90D8812K	MP 125W/C/BU/UVS/PS

Ballast Type	System Kit Order Number	Lamp Description
480&120 CWA	13341/V90Y8811TK	MP 125W/BU/UVS/PS
	25813/V90Y8811TK	MP 125W/V/ED28/UVS/PS
	41256/V90Y8811TK	MHL 125W/U/ED17/PS/740
	38509/V90Y8811TK	MHL 125W/C/U/ED17/PS/737
	93256/V90Y8811TK	MHL 125W/U/ED28/PS/740
	43928/V90Y8811TK	MHL 125W/C/U/ED28/PS/737
	76602/V90Y8811TK	MH 125W/HBU/PS
	61914/V90Y8811TK	MH 125W/HBU/ED28/PS
	35638/V90Y8811TK	MH 125W/C/HBU/PS
	43319/V90Y8811TK	MP 125W/C/BU/UVS/PS

140 WATT		
Ventronic	38824/VEN6-140L-CWPMLS	MHC 140W/U/T6C/UVS/PS/728
	38824/VEN6-140B-CWPMLS	MHC 140W/U/T6C/UVS/PS/728

150 WATT		
Quad CWA	95152/V90D7110K	MP 150W/U/ED28/UVS/PS/EM/950
	95150/V90D7110K	MP 150W/U/UVS/PS/EM/950
	22522/V90D7110K	MP 150W/U/UVS/PS/732
	22455/V90D7110K	MP 150W/U/UVS/PS/740
	58963/V90D7110K	MP 150W/U/ED28/UVS/PS/740
	35985/V90D7110K	MHL 150W/U/ED17/PS/740
	68542/V90D7110K	MHL 150W/C/U/ED17/PS/737
	46105/V90D7110K	MHL 150W/U/ED28/PS/740
	93218/V90D7110K	MHL 150W/C/U/ED28/PS/737
	99584/V90D7110K	MH 150W/U/PS/740
	13556/V90D7110K	MH 150W/U/ED28/PS/740
	22961/V90D7110K	MP 150W/C/U/UVS/PS/EM/950
	95153/V90D7110K	MP 150W/C/U/ED28/UVS/PS/EM/950
	94986/V90D7110K	MH 150W/C/U/PS/737
	21344/V90D7110K	MH 150W/C/U/ED28/PS/737
	80039/V90D7110K	MP 150W/C/U/UVS/PS/732
	32147/V90D7110K	MP 150W/C/U/ED28/UVS/PS/737
	22888/V90D7110K	MP 150W/C/U/UVS/PS/737
	29613/V90D7110K	MHL 150W/U/ED23.5/PS/740
	66526/V90D7110K	MPL 150W/U/ED28/PS/740
	71387/V90D7110K	MPL 150W/C/U/ED28/PS/737
Quad HX	95152/V90D7130K	MP 150W/U/ED28/UVS/PS/EM/950
	95150/V90D7130K	MP 150W/U/UVS/PS/EM/950
	22522/V90D7130K	MP 150W/U/UVS/PS/732
	22455/V90D7130K	MP 150W/U/UVS/PS/740
	58963/V90D7130K	MP 150W/U/ED28/UVS/PS/740
	35985/V90D7130K	MHL 150W/U/ED17/PS/740
	68542/V90D7130K	MHL 150W/C/U/ED17/PS/737
	46105/V90D7130K	MHL 150W/U/ED28/PS/740
	93218/V90D7130K	MHL 150W/C/U/ED28/PS/737
	99584/V90D7130K	MH 150W/U/PS/740
	13556/V90D7130K	MH 150W/U/ED28/PS/740
	22961/V90D7130K	MP 150W/C/U/UVS/PS/EM/950
	95153/V90D7130K	MP 150W/C/U/ED28/UVS/PS/EM/950
	94986/V90D7130K	MH 150W/C/U/PS/737
	21344/V90D7130K	MH 150W/C/U/ED28/PS/737
	80039/V90D7130K	MP 150W/C/U/UVS/PS/732
	32147/V90D7130K	MP 150W/C/U/ED28/UVS/PS/737
	22888/V90D7130K	MP 150W/C/U/UVS/PS/737
	29613/V90D7130K	MHL 150W/U/ED23.5/PS/740
	66526/V90D7130K	MPL 150W/U/ED28/PS/740
	71387/V90D7130K	MPL 150W/C/U/ED28/PS/737

- Natural White®
- Horizontal Pulse Start
- Super Pulse Start Long Life (SPL)
- Super Pulse Start Ceramic (SPC)



LAMP AND BALLAST UPGRADE SYSTEM KITS

Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description		
480&120 CWA	95152/V90Y7110TK	MP 150W/U/ED28/UVS/PS/EM/950	480&120 CWA	95175/V90Y7211TK	MP 175W/BU/UVS/PS/EM/950	480&120 CWA	95200/V90Y7311TK	MP 200W/BU/UVS/PS/EM/950		
	95150/V90Y7110TK	MP 150W/U/UVS/PS/EM/950		95176/V90Y7211TK	MP 175W/BU/MED/UVS/PS/EM/950		33587/V90Y7311TK	MPL 200W/C/V/ED28/UVS/PS/737		
	22522/V90Y7110TK	MP 150W/U/UVS/PS/732		16497/V90Y7211TK	MS 175W/BU/MED/PS/740		98434/V90Y7311TK	MHL 200W/V/ED28/PS/740		
	22455/V90Y7110TK	MP 150W/U/UVS/PS/740		68475/V90Y7211TK	MS 175W/BU/PS/740		14357/V90Y7311TK	MHL 200W/C/V/ED28/PS/737		
	58963/V90Y7110TK	MP 150W/U/ED28/UVS/PS/740		99585/V90Y7211TK	MS 175W/H75/PS/740		60375/V90Y7311TK	MHL 200W/H75/ED28/PS/740		
	35985/V90Y7110TK	MHL 150W/U/ED17/PS/740		69854/V90Y7211TK	MP 175W/BU/UVS/PS/740		10237/V90Y7311TK	MHL 200W/C/H75/ED28/PS/737		
	68542/V90Y7110TK	MHL 150W/C/U/ED17/PS/737		99586/V90Y7211TK	MS 175W/H75/T15/PS/740		22147/V90Y7311TK	MP 200W/V/UVS/PS/740		
	46105/V90Y7110TK	MHL 150W/U/ED28/PS/740		68246/V90Y7211TK	MS 175W/C/BU/PS/737		70764/V90Y7311TK	MS 200W/H75/T15/PS/740		
	93218/V90Y7110TK	MHL 150W/C/U/ED28/PS/737		34691/V90Y7211TK	MS 175W/C/BU/MED/PS/737		57739/V90Y7311TK	MS 200W/V/PS/740		
	99584/V90Y7110TK	MH 150W/U/PS/740		42346/V90Y7211TK	MP 175W/C/BU/UVS/PS/737		60811/V90Y7311TK	MS 200W/BU/MED/PS/740		
	13556/V90Y7110TK	MH 150W/U/ED28/PS/740		200 WATT			70345/V90Y7311TK	MS 200W/C/V/PS/737		
	22961/V90Y7110TK	MP 150W/C/U/UVS/PS/EM/950		Quad CWA	95200/V90D7312K		MP 200W/BU/UVS/PS/EM/950	60812/V90Y7311TK	MS 200W/C/BU/MED/PS/737	
	95153/V90Y7110TK	MP 150W/C/U/ED28/UVS/PS/EM/950			33587/V90D7312K		MPL 200W/C/V/ED28/UVS/PS/737	44872/V90Y7311TK	MP 200W/C/V/UVS/PS/732	
	94986/V90Y7110TK	MH 150W/C/U/PS/737			98434/V90D7312K		MHL 200W/V/ED28/PS/740	59174/V90Y7311TK	MP 200W/C/V/UVS/PS/737	
	21344/V90Y7110TK	MH 150W/C/U/ED28/PS/737			14357/V90D7312K		MHL 200W/C/V/ED28/PS/737	33585/V90Y7311TK	MPL 200W/V/ED28/PS/740	
	80039/V90Y7110TK	MP 150W/C/U/UVS/PS/732			60375/V90D7312K		MHL 200W/H75/ED28/PS/740	Quad HX	95200/V90D7331K	MP 200W/BU/UVS/PS/EM/950
	32147/V90Y7110TK	MP 150W/C/U/ED28/UVS/PS/737			10237/V90D7312K		MHL 200W/C/H75/ED28/PS/737		33587/V90D7331K	MPL 200W/C/V/ED28/UVS/PS/737
	22888/V90Y7110TK	MP 150W/C/U/UVS/PS/737			22147/V90D7312K		MP 200W/V/UVS/PS/740		98434/V90D7331K	MHL 200W/V/ED28/PS/740
	29613/V90Y7110TK	MHL 150W/U/ED23.5/PS/740			70764/V90D7312K		MS 200W/H75/T15/PS/740		14357/V90D7331K	MHL 200W/C/V/ED28/PS/737
	66526/V90Y7110TK	MPL 150W/U/ED28/PS/740			57739/V90D7312K		MS 200W/V/PS/740		60375/V90D7331K	MHL 200W/H75/ED28/PS/740
71387/V90Y7110TK	MPL 150W/C/U/ED28/PS/737		60811/V90D7312K	MS 200W/BU/MED/PS/740	10237/V90D7331K	MHL 200W/C/H75/ED28/PS/737				
Dual HX	95152/V90H7130K	MP 150W/U/ED28/UVS/PS/EM/950	Quad CWA	95200/V90D7311K	MP 200W/BU/UVS/PS/EM/950	22147/V90D7331K	MP 200W/V/UVS/PS/740			
	95150/V90H7130K	MP 150W/U/UVS/PS/EM/950		33587/V90D7311K	MPL 200W/C/V/ED28/UVS/PS/737	70764/V90D7331K	MS 200W/H75/T15/PS/740			
	22522/V90H7130K	MP 150W/U/UVS/PS/732		98434/V90D7311K	MHL 200W/V/ED28/PS/740	57739/V90D7331K	MS 200W/V/PS/740			
	22455/V90H7130K	MP 150W/U/UVS/PS/740		14357/V90D7311K	MHL 200W/C/V/ED28/PS/737	60811/V90D7331K	MS 200W/BU/MED/PS/740			
	58963/V90H7130K	MP 150W/U/ED28/UVS/PS/740		60375/V90D7311K	MHL 200W/H75/ED28/PS/740	70345/V90D7331K	MS 200W/C/V/PS/737			
	35985/V90H7130K	MHL 150W/U/ED17/PS/740		10237/V90D7311K	MHL 200W/C/H75/ED28/PS/737	60812/V90D7331K	MS 200W/C/BU/MED/PS/737			
	68542/V90H7130K	MHL 150W/C/U/ED17/PS/737		22147/V90D7311K	MP 200W/V/UVS/PS/740	44872/V90D7331K	MP 200W/C/V/UVS/PS/732			
	46105/V90H7130K	MHL 150W/U/ED28/PS/740		70764/V90D7311K	MS 200W/H75/T15/PS/740	59174/V90D7331K	MP 200W/C/V/UVS/PS/737			
	93218/V90H7130K	MHL 150W/C/U/ED28/PS/737		57739/V90D7311K	MS 200W/V/PS/740	33585/V90D7331K	MPL 200W/V/ED28/PS/740			
	99584/V90H7130K	MH 150W/U/PS/740		60811/V90D7311K	MS 200W/BU/MED/PS/740	210 WATT				
	13556/V90H7130K	MH 150W/U/ED28/PS/740		70345/V90D7311K	MS 200W/C/V/PS/737	Ventronic	38818/VEN6-210L-MRD5		MPC 210W/U/T12/UVS/PS/930	
	22961/V90H7130K	MP 150W/C/U/UVS/PS/EM/950		60812/V90D7311K	MS 200W/C/BU/MED/PS/737		38820/VEN6-210L-MRD5		MPC 210W/U/T12/UVS/PS/942	
	95153/V90H7130K	MP 150W/C/U/ED28/UVS/PS/EM/950		44872/V90D7311K	MP 200W/C/V/UVS/PS/732		38814/VEN6-210L-MRD5		MHC 210W/U/T9/UVS/PS/930	
	94986/V90H7130K	MH 150W/C/U/PS/737		59174/V90D7311K	MP 200W/C/V/UVS/PS/737		38815/VEN6-210L-MRD5		MHC 210W/U/T9/UVS/PS/942	
	21344/V90H7130K	MH 150W/C/U/ED28/PS/737		33585/V90D7311K	MPL 200W/V/ED28/PS/740		38838/VEN6-210L-MRD5	MPC 210W/U/ED28/PS/930		
	80039/V90H7130K	MP 150W/C/U/UVS/PS/732		480&120 HX	95200/V90Y7330TK	MP 200W/BU/UVS/PS/EM/950	38839/VEN6-210L-MRD5	MPC 210W/C/U/ED28/PS/930		
	32147/V90H7130K	MP 150W/C/U/ED28/UVS/PS/737			33587/V90Y7330TK	MPL 200W/C/V/ED28/UVS/PS/737	38840/VEN6-210L-MRD5	MPC 210W/U/ED28/PS/942		
	22888/V90H7130K	MP 150W/C/U/UVS/PS/737			98434/V90Y7330TK	MHL 200W/V/ED28/PS/740	38841/VEN6-210L-MRD5	MPC 210W/C/U/ED28/PS/942		
	29613/V90H7130K	MHL 150W/U/ED23.5/PS/740			14357/V90Y7330TK	MHL 200W/C/V/ED28/PS/737	Quad CWA	38818/V90D5310K	MPC 210W/U/T12/UVS/PS/930	
	66526/V90H7130K	MPL 150W/U/ED28/PS/740			60375/V90Y7330TK	MHL 200W/H75/ED28/PS/740		38820/V90D5310K	MPC 210W/U/T12/UVS/PS/942	
71387/V90H7130K	MPL 150W/C/U/ED28/PS/737			10237/V90Y7330TK	MHL 200W/C/H75/ED28/PS/737	38814/V90D5310K		MHC 210W/U/T9/UVS/PS/930		
175 WATT	Quad CWA	95175/V90D7211K	MP 175W/BU/UVS/PS/EM/950		22147/V90Y7330TK	MP 200W/V/UVS/PS/740		38815/V90D5310K	MHC 210W/U/T9/UVS/PS/942	
		95176/V90D7211K	MP 175W/BU/MED/UVS/PS/EM/950		70764/V90Y7330TK	MS 200W/H75/T15/PS/740		38838/V90D5310K	MPC 210W/U/ED28/PS/930	
		16497/V90D7211K	MS 175W/BU/MED/PS/740		57739/V90Y7330TK	MS 200W/V/PS/740		38839/V90D5310K	MPC 210W/C/U/ED28/PS/930	
		68475/V90D7211K	MS 175W/BU/PS/740		60811/V90Y7330TK	MS 200W/BU/MED/PS/740		38840/V90D5310K	MPC 210W/U/ED28/PS/942	
		99585/V90D7211K	MS 175W/H75/PS/740		70345/V90Y7330TK	MS 200W/C/V/PS/737		38841/V90D5310K	MPC 210W/C/U/ED28/PS/942	
		69854/V90D7211K	MP 175W/BU/UVS/PS/740		60812/V90Y7330TK	MS 200W/C/BU/MED/PS/737		480&120 CWA	38818/V90Y5310TK	MPC 210W/U/T12/UVS/PS/930
		99586/V90D7211K	MS 175W/H75/T15/PS/740		44872/V90Y7330TK	MP 200W/C/V/UVS/PS/732			38820/V90Y5310TK	MPC 210W/U/T12/UVS/PS/942
		68246/V90D7211K	MS 175W/C/BU/PS/737		59174/V90Y7330TK	MP 200W/C/V/UVS/PS/737	38814/V90Y5310TK		MHC 210W/U/T9/UVS/PS/930	
		34691/V90D7211K	MS 175W/C/BU/MED/PS/737		33585/V90Y7330TK	MPL 200W/V/ED28/PS/740	38815/V90Y5310TK		MHC 210W/U/T9/UVS/PS/942	
		42346/V90D7211K	MP 175W/C/BU/UVS/PS/737		480&120 CWA	95200/V90Y7312TK	MP 200W/BU/UVS/PS/EM/950		38838/V90Y5310TK	MPC 210W/U/ED28/PS/930
					33587/V90Y7312TK	MPL 200W/C/V/ED28/UVS/PS/737	38839/V90Y5310TK		MPC 210W/C/U/ED28/PS/930	
					98434/V90Y7312TK	MHL 200W/V/ED28/PS/740	38840/V90Y5310TK		MPC 210W/U/ED28/PS/942	
					14357/V90Y7312TK	MHL 200W/C/V/ED28/PS/737	38841/V90Y5310TK		MPC 210W/C/U/ED28/PS/942	
					60375/V90Y7312TK	MHL 200W/H75/ED28/PS/740				
					10237/V90Y7312TK	MHL 200W/C/H75/ED28/PS/737				
					22147/V90Y7312TK	MP 200W/V/UVS/PS/740				
					70764/V90Y7312TK	MS 200W/H75/T15/PS/740				
					57739/V90Y7312TK	MS 200W/V/PS/740				
					60811/V90Y7312TK	MS 200W/BU/MED/PS/740				

- Natural White®
- Horizontal Pulse Start
- Super Pulse Start Long Life (SPL)
- Super Pulse Start Ceramic (SPC)



RETROFIT/UPGRADE SYSTEM KITS

Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description
250 WATT			315 WATT			320 WATT		
Quad CWA	19523/V90D8412K	MP 250W/BU/UVS/PS/EM/950	Ventronic	38819/VEN6-315L-MRDS	MPC 315W/U/T12/UVS/PS/930	Quad HX	98530/V90D7413K	MP 320W/BU/ED28/UVS/PS/EM/950
	59324/V90D8412K	MP 250W/H75/T15/UVS/PS/EM/950		38821/VEN6-315L-MRDS	MPC 315W/U/T12/UVS/PS/942		98520/V90D7413K	MP 320W/BU/ED37/UVS/PS/EM/950
	19252/V90D8412K	MP 250W/H75/T15/UVS/PS/740		38816/VEN6-315L-MRDS	MHC 315W/U/T9/UVS/PS/930		95320/V90D7413K	MP 320W/H75/T15/S/UVS/PS/EM/950
	49822/V90D8412K	MP 250W/H75/UVS/PS/740		38817/VEN6-315L-MRDS	MHC 315W/U/T9/UVS/PS/942		95321/V90D7413K	MP 320W/H75/T15/L/UVS/PS/EM/950
	64658/V90D8412K	MP 250W/BU/UVS/PS/740		38845/VEN6-315L-MRDS	MPC 315W/C/U/ED37/PS/942		21714/V90D7413K	MP 320W/BU/ED37/UVS/PS/740
	46895/V90D8412K	MHL 250W/V/ED28/PS/740		38844/VEN6-315L-MRDS	MPC 315W/U/ED37/PS/942		10103/V90D7413K	MP 320W/BU/ED28/UVS/PS/740
	71638/V90D8412K	MHL 250W/C/V/ED28/PS/737					18635/V90D7413K	MHL 320W/V/ED28/PS/740
	65413/V90D8412K	MHL 250W/H75/ED28/PS/740					25796/V90D7413K	MHL 320W/C/V/ED28/PS/737
	32393/V90D8412K	MHL 250W/C/H75/ED28/PS/737					38765/V90D7413K	MHL 320W/V/ED37/PS/740
	49621/V90D8412K	MS 250W/V/PS/740					72378/V90D7413K	MHL 320W/C/V/ED37/PS/737
	57625/V90D8412K	MS 250W/H75/T15/PS/740					20116/V90D7413K	MHL 320W/H75/ED28/PS/740
	81054/V90D8412K	MS 250W/H75/PS/740					11086/V90D7413K	MHL 320W/C/H75/ED28/PS/737
	19525/V90D8412K	MP 250W/C/BU/UVS/PS/EM/950					28699/V90D7413K	MHL 320W/H75/ED37/PS/740
	95259/V90D8412K	MHL 250W/BU/ED28/PS/EM/950					34778/V90D7413K	MHL 320W/C/H75/ED37/PS/737
	81365/V90D8412K	MS 250W/C/V/PS/737					47549/V90D7413K	MS 320W/H75/ED28/PS/740
	32658/V90D8412K	MP 250W/C/BU/UVS/PS/737					57626/V90D7413K	MS 320W/H75/T15/S/PS/740
Quad CWA	19523/V90D8411K	MP 250W/BU/UVS/PS/EM/950					79710/V90D7413K	MS 320W/H75/T15/L/PS/740
	59324/V90D8411K	MP 250W/H75/T15/UVS/PS/EM/950					52236/V90D7413K	MS 320W/V/ED37/PS/740
	19252/V90D8411K	MP 250W/H75/T15/UVS/PS/740					59194/V90D7413K	MS 320W/V/ED28/PS/740
	49822/V90D8411K	MP 250W/H75/UVS/PS/740					95123/V90D7413K	MP 320W/C/BU/ED37/UVS/PS/EM/950
	64658/V90D8411K	MP 250W/BU/UVS/PS/740					30578/V90D7413K	MPL 320W/C/BU/T25/PS/737
	46895/V90D8411K	MHL 250W/V/ED28/PS/740					77594/V90D7413K	MS 320W/C/V/ED28/PS/737
	71638/V90D8411K	MHL 250W/C/V/ED28/PS/737					12758/V90D7413K	MS 320W/C/H75/ED28/PS/737
	65413/V90D8411K	MHL 250W/H75/ED28/PS/740					10104/V90D7413K	MP 320W/C/BU/ED28/UVS/PS/737
	32393/V90D8411K	MHL 250W/C/H75/ED28/PS/737					66506/V90D7413K	MP 320W/C/BU/ED37/UVS/PS/732
	49621/V90D8411K	MS 250W/V/PS/740					67712/V90D7413K	MS 320W/C/V/ED37/PS/737
	57625/V90D8411K	MS 250W/H75/T15/PS/740					32795/V90D7413K	MP 320W/C/BU/ED37/UVS/PS/737
	81054/V90D8411K	MS 250W/H75/PS/740					30577/V90D7413K	MPL 320W/BU/T25/PS/740
	19525/V90D8411K	MP 250W/C/BU/UVS/PS/EM/950						
	95259/V90D8411K	MHL 250W/BU/ED28/PS/EM/950						
	81365/V90D8411K	MS 250W/C/V/PS/737						
	32658/V90D8411K	MP 250W/C/BU/UVS/PS/737						
480&120 CWA	19523/V90Y8411TK	MP 250W/BU/UVS/PS/EM/950						
	59324/V90Y8411TK	MP 250W/H75/T15/UVS/PS/EM/950						
	19252/V90Y8411TK	MP 250W/H75/T15/UVS/PS/740						
	49822/V90Y8411TK	MP 250W/H75/UVS/PS/740						
	64658/V90Y8411TK	MP 250W/BU/UVS/PS/740						
	46895/V90Y8411TK	MHL 250W/V/ED28/PS/740						
	71638/V90Y8411TK	MHL 250W/C/V/ED28/PS/737						
	65413/V90Y8411TK	MHL 250W/H75/ED28/PS/740						
	32393/V90Y8411TK	MHL 250W/C/H75/ED28/PS/737						
	49621/V90Y8411TK	MS 250W/V/PS/740						
	57625/V90Y8411TK	MS 250W/H75/T15/PS/740						
	81054/V90Y8411TK	MS 250W/H75/PS/740						
	19525/V90Y8411TK	MP 250W/C/BU/UVS/PS/EM/950						
	95259/V90Y8411TK	MHL 250W/BU/ED28/PS/EM/950						
	81365/V90Y8411TK	MS 250W/C/V/PS/737						
	32658/V90Y8411TK	MP 250W/C/BU/UVS/PS/737						

PREWIRED KITS INCLUDE:

Lamp



Ballast



Capacitor



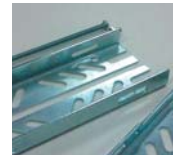
Ignitor



Socket



Brackets



800-451-2606 or (440) 248-3510

Fax (800) 451-2605

VentureLighting.com

Email: venture@adlt.com



LAMP AND BALLAST UPGRADE SYSTEM KITS

Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description
480&120 CWA	98530/V90Y7412TK	MP 320W/BU/ED28/UVS/PS/EM/950	350 WATT				71329/V90D7530K	MS 350W/C/V/PS/737
	98520/V90Y7412TK	MP 320W/BU/ED37/UVS/PS/EM/950	Ventronic	51628/VEN8-350L	MP 350W/BU/UVS/PS/EM/950		64866/V90D7530K	MS 350W/C/H75/PS/737
	95320/V90Y7412TK	MP 320W/H75/T15/S/UVS/PS/EM/950		22149/VEN8-350L	MP 350W/V/UVS/PS/740		55401/V90D7530K	MP 350W/C/V/ED28/UVS/PS/737
	95321/V90Y7412TK	MP 320W/H75/T15/L/UVS/PS/EM/950		47887/VEN8-350L	MP 350W/V/ED28/UVS/PS/740		27845/V90D7530K	MP 350W/C/V/UVS/PS/732
	21714/V90Y7412TK	MP 320W/BU/ED37/UVS/PS/740		51208/VEN8-350L	MP 350W/H75/T15/L/UVS/PS/740		44097/V90D7530K	MP 350W/C/V/UVS/PS/737
	10103/V90Y7412TK	MP 320W/BU/ED28/UVS/PS/740		65218/VEN8-350L	MP 350W/H75/UVS/PS/740		20117/V90D7530K	MHL 350W/H75/ED28/PS/740
	18635/V90Y7412TK	MHL 320W/V/ED28/PS/740		46959/VEN8-350L	MS 350W/H75/ED28/PS/740		11087/V90D7530K	MHL 350W/C/H75/ED28/PS/737
	25796/V90Y7412TK	MHL 320W/C/V/ED28/PS/737		93749/VEN8-350L	MS 350W/H75/T15/L/PS/740		28700/V90D7530K	MHL 350W/H75/ED37/PS/740
	38765/V90Y7412TK	MHL 320W/V/ED37/PS/740		98389/VEN8-350L	MS 350W/V/PS/740		34779/V90D7530K	MHL 350W/C/H75/ED37/PS/737
	72378/V90Y7412TK	MHL 320W/C/V/ED37/PS/737		52980/VEN8-350L	MS 350W/V/ED28/PS/740		74625/V90D7530K	MHL 350W/V/BT37/PS/740
	20116/V90Y7412TK	MHL 320W/H75/ED28/PS/740		38197/VEN8-350L	MP 350W/C/BU/UVS/PS/EM/950		74626/V90D7530K	MHL 350W/C/V/BT37/PS/737
	11086/V90Y7412TK	MHL 320W/C/H75/ED28/PS/737		60258/VEN8-350L	MS 350W/H75/T15/S/PS/740		60024/V90D7530K	MPL 350W/V/T25/PS/740
	28699/V90Y7412TK	MHL 320W/H75/ED37/PS/740		71329/VEN8-350L	MS 350W/C/V/PS/737		60025/V90D7530K	MPL 350W/C/V/T25/PS/737
	34778/V90Y7412TK	MHL 320W/C/H75/ED37/PS/737		64866/VEN8-350L	MS 350W/C/H75/PS/737	480&120 CWA	51628/V90Y7513TK	MP 350W/BU/UVS/PS/EM/950
	47549/V90Y7412TK	MS 320W/H75/ED28/PS/740		55401/VEN8-350L	MP 350W/C/V/ED28/UVS/PS/737		22149/V90Y7513TK	MP 350W/V/UVS/PS/740
	57626/V90Y7412TK	MS 320W/H75/T15/S/PS/740		27845/VEN8-350L	MP 350W/C/V/UVS/PS/732		47887/V90Y7513TK	MP 350W/V/ED28/UVS/PS/740
	79710/V90Y7412TK	MS 320W/H75/T15/L/PS/740		44097/VEN8-350L	MP 350W/C/V/UVS/PS/737		51208/V90Y7513TK	MP 350W/H75/T15/L/UVS/PS/740
	52236/V90Y7412TK	MS 320W/V/ED37/PS/740		20117/VEN8-350L	MHL 350W/H75/ED28/PS/740		65218/V90Y7513TK	MP 350W/H75/UVS/PS/740
	59194/V90Y7412TK	MS 320W/V/ED28/PS/740		11087/VEN8-350L	MHL 350W/C/H75/ED28/PS/737		46959/V90Y7513TK	MS 350W/H75/ED28/PS/740
	95123/V90Y7412TK	MP 320W/C/BU/ED37/UVS/PS/EM/950		28700/VEN8-350L	MHL 350W/H75/ED37/PS/740		93749/V90Y7513TK	MS 350W/H75/T15/L/PS/740
	30578/V90Y7412TK	MPL 320W/C/BU/T25/PS/737		34779/VEN8-350L	MHL 350W/C/H75/ED37/PS/737		98389/V90Y7513TK	MS 350W/V/PS/740
	77594/V90Y7412TK	MS 320W/C/V/ED28/PS/737		74625/VEN8-350L	MHL 350W/V/BT37/PS/740		52980/V90Y7513TK	MS 350W/V/ED28/PS/740
	12758/V90Y7412TK	MS 320W/C/H75/ED28/PS/737		74626/VEN8-350L	MHL 350W/C/V/BT37/PS/737		38197/V90Y7513TK	MP 350W/C/BU/UVS/PS/EM/950
	10104/V90Y7412TK	MP 320W/C/BU/ED28/UVS/PS/737		60024/VEN8-350L	MPL 350W/V/T25/PS/740		60258/V90Y7513TK	MS 350W/H75/T15/S/PS/740
	66506/V90Y7412TK	MP 320W/C/BU/ED37/UVS/PS/732		60025/VEN8-350L	MPL 350W/C/V/T25/PS/737		71329/V90Y7513TK	MS 350W/C/V/PS/737
	67712/V90Y7412TK	MS 320W/C/V/ED37/PS/737	Quad CWA	51628/V90D7513K	MP 350W/BU/UVS/PS/EM/950		64866/V90Y7513TK	MS 350W/C/H75/PS/737
	32795/V90Y7412TK	MP 320W/C/BU/ED37/UVS/PS/737		22149/V90D7513K	MP 350W/V/UVS/PS/740		55401/V90Y7513TK	MP 350W/C/V/ED28/UVS/PS/737
	30577/V90Y7412TK	MPL 320W/BU/T25/PS/740		47887/V90D7513K	MP 350W/V/ED28/UVS/PS/740		27845/V90Y7513TK	MP 350W/C/V/UVS/PS/732
480&120 HX	98530/V90Y7430TK	MP 320W/BU/ED28/UVS/PS/EM/950		51208/V90D7513K	MP 350W/H75/T15/L/UVS/PS/740		44097/V90Y7513TK	MP 350W/C/V/UVS/PS/737
	98520/V90Y7430TK	MP 320W/BU/ED37/UVS/PS/EM/950		65218/V90D7513K	MP 350W/H75/UVS/PS/740		20117/V90Y7513TK	MHL 350W/H75/ED28/PS/740
	95320/V90Y7430TK	MP 320W/H75/T15/S/UVS/PS/EM/950		46959/V90D7513K	MS 350W/H75/ED28/PS/740		11087/V90Y7513TK	MHL 350W/C/H75/ED28/PS/737
	95321/V90Y7430TK	MP 320W/H75/T15/L/UVS/PS/EM/950		93749/V90D7513K	MS 350W/H75/T15/L/PS/740		28700/V90Y7513TK	MHL 350W/H75/ED37/PS/740
	21714/V90Y7430TK	MP 320W/BU/ED37/UVS/PS/740		98389/V90D7513K	MS 350W/V/PS/740		34779/V90Y7513TK	MHL 350W/C/H75/ED37/PS/737
	10103/V90Y7430TK	MP 320W/BU/ED28/UVS/PS/740		52980/V90D7513K	MS 350W/V/ED28/PS/740		74625/V90Y7513TK	MHL 350W/V/BT37/PS/740
	18635/V90Y7430TK	MHL 320W/V/ED28/PS/740		38197/V90D7513K	MP 350W/C/BU/UVS/PS/EM/950		74626/V90Y7513TK	MHL 350W/C/V/BT37/PS/737
	25796/V90Y7430TK	MHL 320W/C/V/ED28/PS/737		60258/V90D7513K	MS 350W/H75/T15/S/PS/740		60024/V90Y7513TK	MPL 350W/V/T25/PS/740
	38765/V90Y7430TK	MHL 320W/V/ED37/PS/740		71329/V90D7513K	MS 350W/C/V/PS/737		60025/V90Y7513TK	MPL 350W/C/V/T25/PS/737
	72378/V90Y7430TK	MHL 320W/C/V/ED37/PS/737		64866/V90D7513K	MS 350W/C/H75/PS/737	480&120 HX	51628/V90Y7530TK	MP 350W/BU/UVS/PS/EM/950
	20116/V90Y7430TK	MHL 320W/H75/ED28/PS/740		55401/V90D7513K	MP 350W/C/V/ED28/UVS/PS/737		22149/V90Y7530TK	MP 350W/V/UVS/PS/740
	11086/V90Y7430TK	MHL 320W/C/H75/ED28/PS/737		27845/V90D7513K	MP 350W/C/V/UVS/PS/732		47887/V90Y7530TK	MP 350W/V/ED28/UVS/PS/740
	28699/V90Y7430TK	MHL 320W/H75/ED37/PS/740		44097/V90D7513K	MP 350W/C/V/UVS/PS/737		51208/V90Y7530TK	MP 350W/H75/T15/L/UVS/PS/740
	34778/V90Y7430TK	MHL 320W/C/H75/ED37/PS/737		20117/V90D7513K	MHL 350W/H75/ED28/PS/740		65218/V90Y7530TK	MP 350W/H75/UVS/PS/740
	47549/V90Y7430TK	MS 320W/H75/ED28/PS/740		11087/V90D7513K	MHL 350W/C/H75/ED28/PS/737		46959/V90Y7530TK	MS 350W/H75/ED28/PS/740
	57626/V90Y7430TK	MS 320W/H75/T15/S/PS/740		28700/V90D7513K	MHL 350W/H75/ED37/PS/740		93749/V90Y7530TK	MS 350W/H75/T15/L/PS/740
	79710/V90Y7430TK	MS 320W/H75/T15/L/PS/740		34779/V90D7513K	MHL 350W/C/H75/ED37/PS/737		98389/V90Y7530TK	MS 350W/V/PS/740
	52236/V90Y7430TK	MS 320W/V/ED37/PS/740		74625/V90D7513K	MHL 350W/V/BT37/PS/740		52980/V90Y7530TK	MS 350W/V/ED28/PS/740
	59194/V90Y7430TK	MS 320W/V/ED28/PS/740		74626/V90D7513K	MHL 350W/C/V/BT37/PS/737		38197/V90Y7530TK	MP 350W/C/BU/UVS/PS/EM/950
	95123/V90Y7430TK	MP 320W/C/BU/ED37/UVS/PS/EM/950		60024/V90D7513K	MPL 350W/V/T25/PS/740		60258/V90Y7530TK	MS 350W/H75/T15/S/PS/740
	30578/V90Y7430TK	MPL 320W/C/BU/T25/PS/737		60025/V90D7513K	MPL 350W/C/V/T25/PS/737		71329/V90Y7530TK	MS 350W/C/V/PS/737
	77594/V90Y7430TK	MS 320W/C/V/ED28/PS/737	Quad HX	51628/V90D7530K	MP 350W/BU/UVS/PS/EM/950		64866/V90Y7530TK	MS 350W/C/H75/PS/737
	12758/V90Y7430TK	MS 320W/C/H75/ED28/PS/737		22149/V90D7530K	MP 350W/V/UVS/PS/740		55401/V90Y7530TK	MP 350W/C/V/ED28/UVS/PS/737
	10104/V90Y7430TK	MP 320W/C/BU/ED28/UVS/PS/737		47887/V90D7530K	MP 350W/V/ED28/UVS/PS/740		27845/V90Y7530TK	MP 350W/C/V/UVS/PS/732
	66506/V90Y7430TK	MP 320W/C/BU/ED37/UVS/PS/732		51208/V90D7530K	MP 350W/H75/T15/L/UVS/PS/740		44097/V90Y7530TK	MP 350W/C/V/UVS/PS/737
	67712/V90Y7430TK	MS 320W/C/V/ED37/PS/737		65218/V90D7530K	MP 350W/H75/UVS/PS/740		20117/V90Y7530TK	MHL 350W/H75/ED28/PS/740
	32795/V90Y7430TK	MP 320W/C/BU/ED37/UVS/PS/737		46959/V90D7530K	MS 350W/H75/ED28/PS/740		11087/V90Y7530TK	MHL 350W/C/H75/ED28/PS/737
	30577/V90Y7430TK	MPL 320W/BU/T25/PS/740		93749/V90D7530K	MS 350W/H75/T15/L/PS/740		28700/V90Y7530TK	MHL 350W/H75/ED37/PS/740
				98389/V90D7530K	MS 350W/V/PS/740		34779/V90Y7530TK	MHL 350W/C/H75/ED37/PS/737
				52980/V90D7530K	MS 350W/V/ED28/PS/740		74625/V90Y7530TK	MHL 350W/V/BT37/PS/740
				38197/V90D7530K	MP 350W/C/BU/UVS/PS/EM/950		74626/V90Y7530TK	MHL 350W/C/V/BT37/PS/737
				60258/V90D7530K	MS 350W/H75/T15/S/PS/740		60024/V90Y7530TK	MPL 350W/V/T25/PS/740
							60025/V90Y7530TK	MPL 350W/C/V/T25/PS/737

- Natural White®
- Horizontal Pulse Start
- Super Pulse Start Long Life (SPL)
- Super Pulse Start Ceramic (SPC)



RETROFIT/UPGRADE SYSTEM KITS

Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description	Ballast Type	System Kit Order Number	Lamp Description
400 WATT								
Ventronic	57129/VEN8-400L	MP 400W/BU/UVS/PS/EM/950		46416/V90Y7613TK	MS 400W/C/V/ED28/PS/737		60020/V90Y5530TK	MP 575W/C/BU/BT37/PS/737
	72315/VEN8-400L	MP 400W/BU/ED28/UVS/PS/EM/950		55459/V90Y7613TK	MS 400W/C/H75/ED28/PS/737		56423/V90Y5530TK	MP 575W/H75/T25/PS/740
	85260/VEN8-400L	MS 400W/V/ED28/PS/740		73189/V90Y7613TK	MP 400W/H75/T15/L/UVS/PS/740		95576/V90Y5530TK	MP 575W/BD/BT37/PS/EM/950
	73531/VEN8-400L	MS 400W/V/PS/740		88648/V90Y7613TK	MP 400W/C/V/ED28/UVS/PS/737		17921/V90Y5530TK	MHL 575W/H75/BT37/PS/EM/950
	40124/VEN8-400L	MS 400W/H75/ED28/PS/740		45541/V90Y7613TK	MP 400W/C/V/UVS/PS/737		43926/V90Y5530TK	MHL 575W/BU/BT37/PS/EM/950
	58788/VEN8-400L	MS 400W/H75/PS/740		42401/V90Y7613TK	MS 400W/C/V/PS/737		16458/V90Y5530TK	MP 575W/BD/BT37/PS/740
	17611/VEN8-400L	MP 400W/H75/UVS/PS/740		15619/V90Y7613TK	MHL 400W/H75/BT37/PS/740	480&120 CWA	60023/V90Y5510TK	MP 575W/BU/BT37/PS/740
	71642/VEN8-400L	MP 400W/V/UVS/PS/740		59421/V90Y7613TK	MPL 400W/V/T25/PS/740		95575/V90Y5510TK	MP 575W/BU/BT37/PS/EM/950
	12445/VEN8-400L	MP 400W/V/ED28/UVS/PS/740		59422/V90Y7613TK	MPL 400W/C/V/T25/PS/737		95577/V90Y5510TK	MP 575W/H75/BT37/PS/EM/950
	74151/VEN8-400L	MS 400W/H75/T15/L/PS/740	450 WATT				68735/V90Y5510TK	MHL 575W/BU/BT37/PS/740
	89410/VEN8-400L	MP 400W/C/BU/UVS/PS/EM/950	Ventronic	10079/VEN8-450L	MS 450W/V/PS/740		43926/V90Y5510TK	MHL 575W/BU/BT37/PS/EM/950
	15678/VEN8-400L	MHL 400W/V/BT37/PS/740		65072/VEN8-450L	MP 450W/BU/UVS/PS/740		20897/V90Y5510TK	MHL 575W/H75/BT37/PS/740
	61147/VEN8-400L	MHL 400W/C/V/BT37/PS/737		10138/VEN8-450L	MS 450W/C/V/PS/737		60020/V90Y5510TK	MP 575W/C/BU/BT37/PS/737
	60260/VEN8-400L	MS 400W/H75/T15/S/PS/740		59216/VEN8-450L	MP 450W/C/BU/UVS/PS/737		56423/V90Y5510TK	MP 575W/H75/T25/PS/740
	46416/VEN8-400L	MS 400W/C/V/ED28/PS/737	Quad HX	10079/V90D8530K	MS 450W/C/BU/UVS/PS/737		95576/V90Y5510TK	MP 575W/BD/BT37/PS/EM/950
	55459/VEN8-400L	MS 400W/C/H75/ED28/PS/737		65072/V90D8530K	MP 450W/BU/UVS/PS/740		17921/V90Y5510TK	MHL 575W/H75/BT37/PS/EM/950
	73189/VEN8-400L	MP 400W/H75/T15/L/UVS/PS/740		10138/V90D8530K	MS 450W/C/V/PS/737		43926/V90Y5510TK	MHL 575W/BU/BT37/PS/EM/950
	88648/VEN8-400L	MP 400W/C/V/ED28/UVS/PS/737		59216/V90D8530K	MP 450W/C/BU/UVS/PS/737		16458/V90Y5510TK	MP 575W/BD/BT37/PS/740
	45541/VEN8-400L	MP 400W/C/V/UVS/PS/737	480&120 HX	10079/V90Y8530TK	MS 450W/V/PS/740	775 WATT		
	42401/VEN8-400L	MS 400W/C/V/PS/737		65072/V90Y8530TK	MP 450W/BU/UVS/PS/740	Quint CWA	24983/V90AM9610K	MP 775W/BU/BT37/PS/950
	15619/VEN8-400L	MHL 400W/H75/BT37/PS/740		10138/V90Y8530TK	MS 450W/C/V/PS/737		24999/V90AM9610K	MS 775W/H75/BT37/PS/950
	59421/VEN8-400L	MPL 400W/V/T25/PS/740		59216/V90Y8530TK	MP 450W/C/BU/UVS/PS/737		24988/V90AM9610K	MP 775W/BD/BT37/PS/950
	59422/VEN8-400L	MPL 400W/C/V/T25/PS/737	Quad CWA	10079/V90D8512K	MS 450W/V/PS/740	Quad CWA	24983/V90D9610K	MP 775W/BU/BT37/PS/950
Quad CWA	57129/V90D7613K	MP 400W/BU/UVS/PS/EM/950		65072/V90D8512K	MP 450W/BU/UVS/PS/740		24999/V90D9610K	MS 775W/H75/BT37/PS/950
	72315/V90D7613K	MP 400W/BU/ED28/UVS/PS/EM/950		10138/V90D8512K	MS 450W/C/V/PS/737		24988/V90D9610K	MP 775W/BD/BT37/PS/950
	85260/V90D7613K	MS 400W/V/ED28/PS/740	480&120 CWA	59216/V90D8512K	MP 450W/C/BU/UVS/PS/737		480&120 CWA	24983/V90Y9610TK
	73531/V90D7613K	MS 400W/V/PS/740		10079/V90Y8512TK	MS 450W/V/PS/740			24999/V90Y9610TK
	40124/V90D7613K	MS 400W/H75/ED28/PS/740		65072/V90Y8512TK	MP 450W/BU/UVS/PS/740			24988/V90Y9610TK
	58788/V90D7613K	MS 400W/H75/PS/740		10138/V90Y8512TK	MS 450W/C/V/PS/737			
	17611/V90D7613K	MP 400W/H75/UVS/PS/740		59216/V90Y8512TK	MP 450W/C/BU/UVS/PS/737			
	71642/V90D7613K	MP 400W/V/UVS/PS/740	575 WATT					
	12445/V90D7613K	MP 400W/V/ED28/UVS/PS/740	Quad HX	60023/V90D5530K	MP 575W/BU/BT37/PS/740			
	74151/V90D7613K	MS 400W/H75/T15/L/PS/740		95575/V90D5530K	MP 575W/BU/BT37/PS/EM/950			
	89410/V90D7613K	MP 400W/C/BU/UVS/PS/EM/950		95577/V90D5530K	MP 575W/H75/BT37/PS/EM/950			
	15678/V90D7613K	MHL 400W/V/BT37/PS/740		68735/V90D5530K	MHL 575W/BU/BT37/PS/740			
	61147/V90D7613K	MHL 400W/C/V/BT37/PS/737		43926/V90D5530K	MHL 575W/BU/BT37/PS/EM/950			
	60260/V90D7613K	MS 400W/H75/T15/S/PS/740		20897/V90D5530K	MHL 575W/H75/BT37/PS/740			
	46416/V90D7613K	MS 400W/C/V/ED28/PS/737		60020/V90D5530K	MP 575W/C/BU/BT37/PS/737			
	55459/V90D7613K	MS 400W/C/H75/ED28/PS/737		56423/V90D5530K	MP 575W/H75/T25/PS/740			
	73189/V90D7613K	MP 400W/H75/T15/L/UVS/PS/740		95576/V90D5530K	MP 575W/BD/BT37/PS/EM/950			
	88648/V90D7613K	MP 400W/C/V/ED28/UVS/PS/737		17921/V90D5530K	MHL 575W/H75/BT37/PS/EM/950			
	45541/V90D7613K	MP 400W/C/V/UVS/PS/737		43926/V90D5530K	MHL 575W/BU/BT37/PS/EM/950			
	42401/V90D7613K	MS 400W/C/V/PS/737		16458/V90D5530K	MP 575W/BD/BT37/PS/740			
	15619/V90D7613K	MHL 400W/H75/BT37/PS/740	Quad CWA	60023/V90D5510K	MP 575W/BU/BT37/PS/740			
	59421/V90D7613K	MPL 400W/V/T25/PS/740		95575/V90D5510K	MP 575W/BU/BT37/PS/EM/950			
	59422/V90D7613K	MPL 400W/C/V/T25/PS/737		95577/V90D5510K	MP 575W/H75/BT37/PS/EM/950			
480&120 CWA	57129/V90Y7613TK	MP 400W/BU/UVS/PS/EM/950		68735/V90D5510K	MHL 575W/BU/BT37/PS/740			
	72315/V90Y7613TK	MP 400W/BU/ED28/UVS/PS/EM/950		43926/V90D5510K	MHL 575W/BU/BT37/PS/EM/950			
	85260/V90Y7613TK	MS 400W/V/ED28/PS/740		20897/V90D5510K	MHL 575W/H75/BT37/PS/740			
	73531/V90Y7613TK	MS 400W/V/PS/740		60020/V90D5510K	MP 575W/C/BU/BT37/PS/737			
	40124/V90Y7613TK	MS 400W/H75/ED28/PS/740		56423/V90D5510K	MP 575W/H75/T25/PS/740			
	58788/V90Y7613TK	MS 400W/H75/PS/740		95576/V90D5510K	MP 575W/BD/BT37/PS/EM/950			
	17611/V90Y7613TK	MP 400W/H75/UVS/PS/740		17921/V90D5510K	MHL 575W/H75/BT37/PS/EM/950			
	71642/V90Y7613TK	MP 400W/V/UVS/PS/740		43926/V90D5510K	MHL 575W/BU/BT37/PS/EM/950			
	12445/V90Y7613TK	MP 400W/V/ED28/UVS/PS/740		16458/V90D5510K	MP 575W/BD/BT37/PS/740			
	74151/V90Y7613TK	MS 400W/H75/T15/L/PS/740	480&120 HX	60023/V90Y5530TK	MP 575W/BU/BT37/PS/740			
	89410/V90Y7613TK	MP 400W/C/BU/UVS/PS/EM/950		95575/V90Y5530TK	MP 575W/BU/BT37/PS/EM/950			
	15678/V90Y7613TK	MHL 400W/V/BT37/PS/740		95577/V90Y5530TK	MP 575W/H75/BT37/PS/EM/950			
	61147/V90Y7613TK	MHL 400W/C/V/BT37/PS/737		68735/V90Y5530TK	MHL 575W/BU/BT37/PS/740			
	60260/V90Y7613TK	MS 400W/H75/T15/S/PS/740		43926/V90Y5530TK	MHL 575W/BU/BT37/PS/EM/950			
				20897/V90Y5530TK	MHL 575W/H75/BT37/PS/740			

PREWIRED
KITS INCLUDE:

**Lamp
Ballast
Capacitor
Ignitor
Brackets
Socket**



ALL IN ONE BOX!



HOW TO ORDER UPGRADE SYSTEM KITS

LAMP/BALLAST SYSTEM EXAMPLE: 18635/V90D7413K/DIM

For the 320W SPL Upgrade System, turn to the 320W pages of the Venture Lighting catalog, or website. Then Select the correct lamp, using the product number and the correct ballast, using ballast product number, adding a "K" for "Kit" and any options.

18635

V90D7413K

DIM

Lamp Part Number

Always a 5 digit number. For lamp product description code explanation, see below.

Ballast Product Number

Venture Lighting's Code Always starting with "V". For ballast product description code explanation, see below.

Suffix Code

DIM - Hi/Low Dimming without LeafNut

LEAFNUT - Dimming with LeafNut Wireless Controls

DIMMING OPTIONS

Wireless Dimming with

• Add "/LEAFNUT" suffix to part number; Example: 875W system: "58953/V90D8612K/LEAFNUT"

Dimming Hi/Low Pulse Start Systems Option Without LeafNut™ Wireless

• Add "/DIM" suffix to part number; Example: 875W system: "58953/V90D8612K/DIM"

• Note: Dimming limit for lamp types 740, 737, 732 is 50% Dimming limit for 950 lamp types is 70% rated power

• Note: Dimming option only available on CWA ballast

LAMP DESCRIPTION CODES

The product description code gives you complete information about the lamp.

Lamp Type	Wattage	Finish	Operating Position	Bulb Type	UV Protection	Start Type	Color Code	Beam Angle
MH - Enclosed rated Metal halide	20 Watts-875 Watts	Nothing = Clear	BD - Base Down ($\pm 15^\circ$)	Shape and diameter in 1/8 inches	Nothing = no extra UV protection	EM - Energy Saving	(CCT) in degrees Kelvin	FL25 - Flood, 25° Angle
MHC - Ceramic MH enclosed rated		C - Coated	BU - Base Up ($\pm 15^\circ$)	BT## - Blown Tubular	UVS - UV Shield®	LU - HPS retrofit lamp	3K - 3000K to 3200K	SP10 - Spot, 10° Angle
MHL - Enclosed rated, long life (40,000hrs.) lamp			H75 - Horizontal ($\pm 75^\circ$)	ED## - Elliptical Dimple		PS - Pulse start	4K - 3700K to 4000K	WF40 - Wide flood, 40° Angle
MP - Open Rated, shrouded arc tube Uni-Form pulse start lamp			HBU - Hor. to Base Up ($\pm 60^\circ$, $\pm 90^\circ$, or $\pm 105^\circ$)	MED - Medium base			5K - 5000K	
MPC - Open rated Ceramic MH			HOR - Horizontal ($\pm 45^\circ$ or $\pm 15^\circ$) with POM base	T## - Tubular			6K - 6500K	
MPL - Open rated, long life (40,000hrs.) lamp			U - Universal				10K - 10,000K	
MPL - Open rated, long life (40,000hrs.) lamp			V - Vertical ($\pm 15^\circ$)				728 - 70 CRI, 2800K	
MS - Enclosed rated, high output lamps for dedicated operating positions							732 - 70 CRI, 3200K	
							734 - 70 CRI, 3400K	
							737 - 70 CRI, 3700K	
							740 - 68 CRI, 4000K	
							830 - 85 CRI, 3000K	
							850 - 80 CRI, 5000K	
							930 - 90 CRI, 3000K	
							942 - 90 CRI, 4200K	
							950 - 90+ CRI, 5000K	

Venture Lamp Description Example:

MP 350W/C/V/ED28/UVS/PS/737

MP = Metal halide, protected, shrouded arc tube for open rated fixtures; **350W** = 350 Watts; **C** = The finish is coated; **V** = Vertical operating position ($\pm 15^\circ$); **ED28** = Bulb shape is elliptical dimple, 28 eighth's of inches (3.5"); **UVS** = UV Shield®; **PS** = Pulse Start; **737** = 70 CRI with Color temperature of 3700K



BALLAST DESCRIPTION CODES

Venture's ballast product description gives you complete information about the ballast.

Code	Type	Voltage	ANSI Code	Circuit Type	Design Version	Suffix
V - Venture	90 - Core and Coil	D - 120/208/240/277 H - 120/277 Y - 480 AM - 120/208/240/277/480	55 - 575W PS MH; ANSI M178 57 - 50W PS MH; ANSI M110 58 - 70W PS MH; ANSI M98 59 - 100W PS MH; ANSI M90 71 - 150W PS MH; ANSI M102 72 - 175W PS MH; ANSI M152 73 - 200W PS MH; ANSI M136 74 - 320W PS MH; ANSI M154 75 - 350W PS MH; ANSI M131 76 - 400W PS MH; ANSI M155 84 - 250W PS MH; ANSI M153 85 - 450W PS MH; ANSI M144 86 - 875W PS MH; ANSI M166 88 - 125W PS MH; ANSI M150 96 - 775W PS MH; ANSI M181	1 - CWA 2 - Reactor 3 - HX (Lag HPF) 4 - HX (Lag NPF) 5 - CWI	Manufacturer's tracking version	B - with welded bracket C - with capacitor K - pre-wired with capacitor, ignitor if required, & adapter mounting kit T - with 120V tap



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or **(440) 248-3510**

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Streetsboro, Ohio 44241 USA
E-mail: venture@adlt.com

VentureLighting.com

Venture Ballast Part Number Example: **V90D1435K**

V = Venture Lighting® ballast; **90** = Core and coil; **D** = Quad-tap voltages of 120/208/240/277; **14** = 150W HPS (55V) with ANSI S55; **3** = HX (Lag HPF) circuit type; **5** = Fifth version of this ballast; **K** = Pre-wired kit with capacitor, ignitor if required, & adapter mounting bracket



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