

Venture's Technical Center - HID Product Description Codes



LAMP DESCRIPTION CODE:

Your lamp has an imprinted code that identifies the important features you need to select a replacement. A complete explanation appears below.

Lamp Description Example:

MP 150W/C/U/ED28/PS/3K

Lamp Type:

150 watt Uni-Form® pulse start lamp, open luminaire rated, universal burning, coated

MP	150W	C	U	ED28	PS	3k
Metal Halide Type	Lamp Wattage	Outer Jacket Finish	Operating Position	Bulb Shape and diameter, if non-standard	Pulse start lamp	Color temperature family

LAMP DESCRIPTION CODES

BU Lamps designed for base up ($\pm 15^\circ$) operating position

V Lamps designed for a vertical ($\pm 15^\circ$) operating position

C Lamps with a coated (diffuse) outer jacket

DE Double ended lamp

ED## Bulb shape and diameter in 1/8 in. (i.e. diameter of ED28 is 3.5 in.)

ELAMP A Uni-Form pulse start metal halide lamp designed for operation on electronic ballasts in dimming applications

H75 Lamps designed for horizontal operation ($\pm 75^\circ$ from horizontal)

HBD Lamps designed for horizontal to base down operating position (typically base down $\pm 90^\circ$, except 1500W which is base down $\pm 105^\circ$)

HBU Lamps designed for horizontal to base up operating position (or base up $\pm 90^\circ$, except 1500W which is base up $\pm 105^\circ$)

HOR Horizontal high-performance probe start lamps designed for horizontal $\pm 45^\circ$ operation; uses POM base

LU White-Lux® lamp - MH lamp for use with HPS ballast

MBIL High wattage, double ended lamp

MED Medium base

MH Metal halide, typically universal "U", "HBU" or "HBD" operating positions

MP Uni-Form pulse start lamps with a protected (shrouded) arc tube designed for open luminaires

MPI Lamps with a protected (shrouded) arc tube designed to replace standard (probe start) lamps in open luminaires

MS High output MH lamps for dedicated operating positions

PAR## Parabolic reflector lamp - the number (##) is lamp diameter in 1/8 in.

PS Pulse start lamp

R40 Reflector lamp - 5 in. diameter

U Universal operating position

Reflector lamp beam angle **##** in degrees at 50% of center beam candlepower

27K 2700K correlated color temperature

3K 3000K - 3200K correlated color temperature

4K 3700K - 4000K correlated color temperature

5K 5000K correlated color temperature

6K 6500K correlated color temperature

10K 10,000K correlated color temperature

950 Natural White™ lamp, 5000K, high CRI lamps (90+)



G 120/240/347

H 120/277

J 120/277/347

P 208

U 277

Y 480

AA 277/347/480

Lamp Type and ANSI Code

10 35W HPS S76

11 50W HPS S68

12 70W HPS S62

13 100W HPS S54

14 150W HPS (55V) S55

16 200W HPS S66

17 250W HPS S50

19 400W HPS S51

23 1000W HPS S52

57 50W PS MH M110

58 70W PS MH M98

59 100W PS MH M90

60 150W PS MH (DE) M81

61 175W MH/150W MH M57/M107

62 250W MH M58

63 2X400W MH M59

64 400W MH/360W MH M59/M165

BALLAST DESCRIPTION CODE:

The ballast product number gives you complete information about the ballast.

An explanation appears below.

Ballast Description Example:

V90D1434K

V	90	D	14	3	4	K
Venture	Ballast Type	Voltage	Lamp type, ANSI code	Circuit	Design Version	Suffix

BALLAST DESCRIPTION CODES

Ballast Type

90 Core and Coil

Voltage

B 120

D 120/208/240/277

E 120/240

F 120/240/277/347

65 1000W MH M47
66 1500W MH M48
67 2000W PS MH (DE) M134
69 1650W MH M112
71 150W PS MH M102
72 175W PS MH M152
73 200W PS MH M136
74 320W PS MH M154
75 350W PS MH M131
76 400W PS MH M155
78 1000W PS MH M141
81 70W PS MH (DE) M85
82 100W PS MH (DE) M91
83 250W PS MH (DE) M80
84 250W PS MH M153
85 450W PS MH M144
86 875W PS MH M166
87 300W PS MH M151
88 125W PS MH M150
91 2X1000W MH M47

Circuit Type

1 CWA
2 Reactor
3 HX (Lag HPF)
4 HX (Lag NPF)
5 Electronic

Suffix

B with welded bracket
C with capacitor
K pre-wired with capacitor,
ignitor if required, & adapter mounting kit
P protected (thermally)
T with 120V tap