

# HID BALLAST KITS

## What is new?

- Model construction simplified
- Easy ordering
- No more guessing

Our kit model configuration no longer has the various design codes (-212, -213, -214, etc).

This will allow for easier ordering and less mistakes!

Lamp Type		Wattage		Input Volts <sup>(1)</sup>		Circuit Type <sup>(2)</sup>		Packaging
<b>MP</b>	-	<b>400</b>	-	<b>4T</b>	-	<b>PSCWA</b>	-	<b>K</b>
M - Metal Halide		35		2T		PSCWA		K - Generic Ballast Kit
S - High Pressure Sodium		50		4T		CWA		
MP - Pulse Start Metal Halide		100		5T		HXN*		
		175		120		HXH		
		250				RXN*		
		320				RXH		
		350						
		400						
		1000						
		1500						

(1) Input Volts (Taps)

2T (277/120v)

4T (277/240/208/120v)

5T (480/277/240/208/120v)

120 (120v)

(2) Circuit Type

PSCWA - Pulse Start Constant Wattage Autotransformer

CWA - Constant Wattage Autotransformer (MH & HPS)

HXN\* - High Reactance (Normal Power Factor)

HXH - High Reactance (High Power Factor)

RXN \*- Reactor (Normal Power Factor)

RXH - Reactor (High Power Factor)

\* For Normal Power Factor High Reactance and Reactor ballasts, the ballast operates without the use of a capacitor. Therefore, a capacitor will not be included with the kit. For all other circuit types, a capacitor is included and standard.

## Example Kit Nomenclature

### MP-400-4T-PSCWA-K

Pulse Start Metal Halide Ballast  
400 watts

4-Tap (277/240/208/120v)

Pulse Start Constant Wattage Autotransformer Kit

### S-100-4T-HXH-K

High Pressure Sodium Ballast  
100 watts

4-Tap (277/240/208/120v)

High Reactance Autotransformer (High PF) Kit

**HOWARD**<sup>TM</sup>  
LIGHTING PRODUCTS

(toll-free) 800.956.3456 | (p) 601.422.0033 | (f) 601.422.1652  
www.Howard-Lighting.com

Specifications subject to change without notice

# New HID Ballast Kits

METAL HALIDE BALLAST	New Kit Model #	Model on Web	New Spec on Web	Old Model
	M-175-4T-CWA-K			M0175-71C-2XX
	M-175-5T-CWA-K	Yes	Yes	M0175-81C-2XX
	M-250-4T-CWA-K			M0250-71C-2XX
	M-250-5T-CWA-K	Yes	Yes	M0250-81C-2XX
	M-400-4T-CWA-K			M0400-71C-2XX
	M-400-5T-CWA-K	Yes	Yes	M0400-81C-2XX
	M-1000-4T-CWA-K	Yes	Yes	M1000-71C-2XX
	M-1000-5T-CWA-K	Yes	Yes	M1000-81C-2XX
	M-1500-4T-CWA-K			M1500-71C-2XX

Specifications subject to change without notice.

# New HID Ballast Kits

PULSE START METAL HALIDE BALLAST	New Kit Model #	Model on Web	New Spec on Web	Old Model
	MP-50-2T-HXH-K	Yes	Yes	M0050-23C-1XX
	MP-70-4T-HXH-K			M0070-71C-5XX
	MP-100-4T-HXH-K	Yes	Yes	M0100-71C-5XX
	MP-150-4T-HXH-K	Yes	Yes	M0150-71C-5XX
	MP-250-4T-PSCWA-K	Yes	Yes	M0250-71C-6XX
	MP-320-4T-PSCWA-K	Yes	Yes	M0320-71C-6XX
	MP-350-4T-PSCWA-K			M0350-71C-6XX
	MP-400-4T-PSCWA-K			M0400-71C-6XX
	MP-750-4T-PSCWA-K	Yes	Yes	M0750-71C-6XX
MP-1000-4T-PSCWA-K			M1000-71C-6XX	

\*Ballast operates without a capacitor. Therefore a capacitor is not included with the standard kit.

Specifications subject to change without notice.

# New HID Ballast Kits

HIGH PRESSURE SODIUM BALLAST	New Kit Model #	Model on Web	New Spec on Web	Old Model
	S-35-120-RXN-K*			S0035-02C-111-K
	S-35-120-RXH-K			S0035-02C-111
	S-50-120-RXN-K*			S0050-02C-111-K
	S-50-120-RXH-K			S0050-02C-111
	S-70-120-RXN-K*	Yes	Yes	S0070-02C-111-K
	S-70-120-RXH-K	Yes	Yes	S0070-02C-111
	S-70-4T-HXH-K	Yes	Yes	S0070-71C-5XX
	S-100-120-RXN-K*			S0100-02C-111-K
	S-100-120-RXH-K			S0100-02C-111
	S-100-4T-HXH-K	Yes	Yes	S0100-71C-5XX
	S-150-120-RXN-K*	Yes	Yes	S0150-02C-111-K
	S-150-120-RXH-K	Yes	Yes	S0150-02C-111
	S-150-4T-HXN-K	Yes	Yes	S0150-71C-5XX
	S-250-4T-CWA-K	Yes	Yes	S0250-71C-2XX
	S-250-5T-CWA-K			S0250-81C-2XX
	S-400-4T-CWA-K	Yes	Yes	S0400-71C-2XX
	S-400-5T-CWA-K	Yes	Yes	S0400-81C-2XX
	S-1000-4T-CWA-K			S1000-71C-2XX
	S-1000-5T-CWA-K			S1000-81C-2XX

\*Ballast operates without a capacitor. Therefore a capacitor is not included with the standard kit.

Specifications subject to change without notice.