

HID LAMP AND BALLAST KITS



Simkar's **50+12 Lamp/Ballast Kit** program takes our top 50 most popular kits plus 12 up-and-coming Pulse Start kits out of hundreds of kit offerings and provides detailed information on the lamps and ballasts so you can easily decide what kits are right for your market.

HID technology for the same wattages are covered by a multitude of lamp sizes, type, and orientations, and ballasts are available in different technologies, voltages, and sizes. This important information allows one to match the existing gear or upgrade your luminaire with the appropriate kit.

The information for each kit contains 8 pieces of information: 5 lamp categories and 3 ballast categories. The information appears as follows:

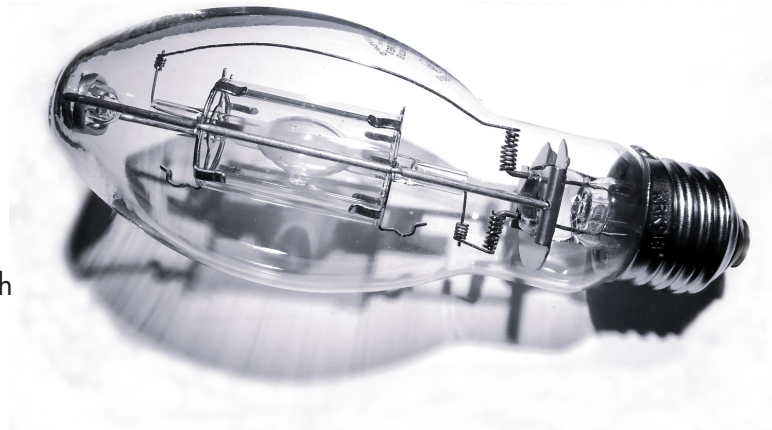
Lamp: Lamp Technology - Lamp Wattage - Lamp Type - Lamp Size - Lamp Orientation

Ballast: Voltage - Ballast Technology - Stack size

Example Kit: RKM400/M5; DP# 08-40107

Lamp: MH; 400W; Enclosed Rated, BT37; Universal

Ballast: 5Tap; CWA; 4.25" x 4.75"



Upgrading With Pulse Start kits to save energy

Energy Savings has become an important strategy to reduce operating costs and is a way to hedge against energy price increases. EISA legislation eliminated the sale of most Probe Start metal halide luminaires (150 -500 watt) in 2008 to drive the market to more energy efficient Pulse Start technology.

Although you can still replace MH with MH kits, you can save energy by upgrading old Probe Start fixtures with lower wattage Pulse Start metal halide gear. Pulse Start lamps and ballasts provide more light, have less losses, provide better lamp lumen depreciation, and can achieve better lamp life in most wattages when compared to Probe Start metal halide.

In most cases, PS systems will provide more mean lumens at lower wattages. Plus, with the availability of possible rebates, PS kits as retrofit options are now economically viable. If you are just replacing failed MH gear with PS technology, there will be a mixture of lamp technologies in the same area.

To remedy this issue, we are including identification labels as a convenience for maintenance personnel to identify the PS fixtures and ensure that the correct lamp is used during re-lamping operations.

Retrofitting from yellow light HPS to white light Pulse Start technology is also a good upgrade candidate. With superior color rendering and the Scotopic/Photopic vision advantages over HPS, wattages can be reduced by using PS kits.

On the back of this flyer you will find our 50+12 Lamp/Ballast kit offerings.

While these are our primary kits, please feel free to contact us for information and support regarding these and other combinations you may require when choosing the right kit.

Metal Halide

KIT		LAMP					BALLAST		
Catalog #	Kit DP#	Tech	Watt	Type	Size	Orientation	Voltage	Tech	Stack Size
RKM175/M	08-40078	MH	175	E	BT28	U	4Tap	CWA	3x4
RKM175/MED/M	08-40081	MH	175	E	E17	U	4Tap	CWA	3x4
RKM250/M	08-40089	MH	250	E	BT28	U	4Tap	CWA	3x4
RKM400/M5	08-40107	MH	400	E	BT37	U	5Tap	CWA	4.25x4.75
RKM400/M	08-40104	MH	400	E	BT37	U	4Tap	CWA	4.25x4.75
RKM400BT28/M	08-40111	MH	400	E	BT28	U	4Tap	CWA	4.25x4.75
RKM400/480	08-40109	MH	400	E	BT37	U	480	CWA	4.25x4.75
RKM400/M	08-40105	MH	400	E	ED37	U	4Tap	CWA	4.25x4.75
RKM1000/M5	08-40030	MH	1000	E	BT56	U	5Tap	CWA	4.25x6
RKM1000/M	08-40028	MH	1000	E	BT56	U	4Tap	CWA	4.25x6
RKM1500/M	08-40037	MH	1500	E	BT56	VBU-H	4Tap	CWA	4.25x6
RKM1500/480	08-40039	MH	1500	E	BT56	VBU-H	480	CWA	4.25x6

Pulse Start

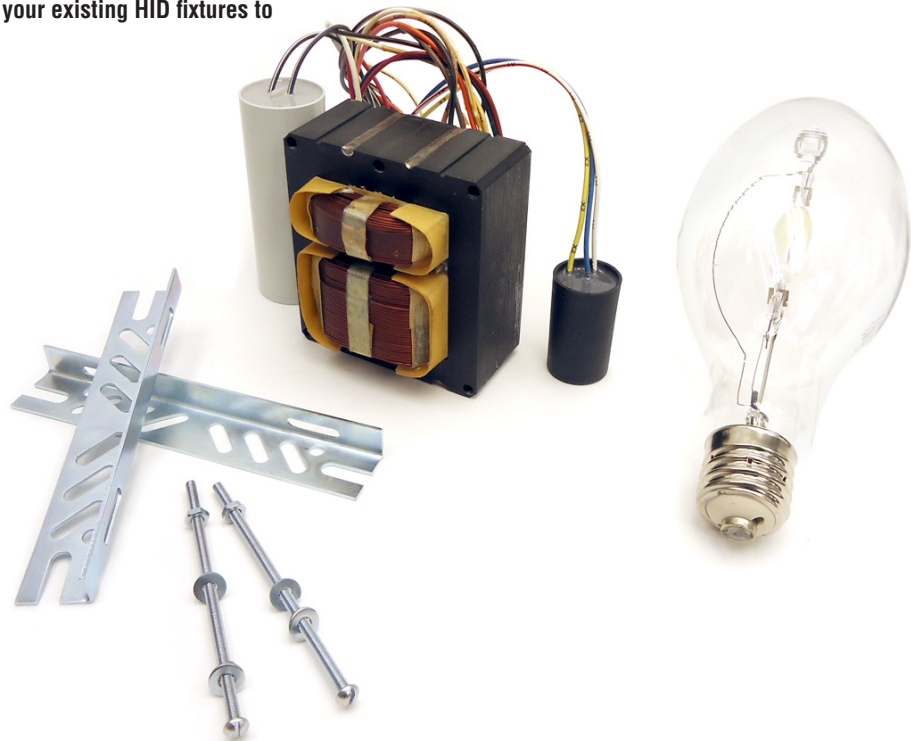
KIT		LAMP					BALLAST		
Catalog #	Kit DP#	Tech	Watt	Type	Size	Orientation	Voltage	Tech	Stack Size
RKMP50/MED/M/PS	08-40049	PS	50	O	E17	U	4Tap	HX-HPF	3x4
RKM50/MED/M/PS	08-40117	PS	50	E	ED17	U	4Tap	HX-HPF	3x4
RKMP70/MED/M/PS	08-40050	PS	70	O	E17	U	4Tap	HX-HPF	3x4
RKM70/MED/M/PS	08-40119	PS	70	E	ED17	U	4Tap	HX-HPF	3x4
RKMP100/MED/M	08-40058	PS	100	O	E17	U	4Tap	HX-HPF	3x4
RKM100/MED/M/PS	08-40069	PS	100	E	ED17	U	4Tap	HX-HPF	3x4
RKM100ED28/M/PS	08-40071	PS	100	E	ED28	U	4Tap	HX-HPF	3x4
RKM150/MED/M/PS	08-40075	PS	150	E	ED17	U	4Tap	HX-HPF	3x4
RKMP150/MED/M/PS	08-40059	PS	150	O	ED17	U	4Tap	HX-HPF	3x4
RKM175/M/PS	08-40080	PS	175	E	ED28	VBU	4Tap	CWA	3x4
RKMP175/M/PS	08-40653	PS	175	O	ED28	VBU	4Tap	CWA	3x4
RKM200/HOR/M/PS	08-40649	PS	200	E	T15	H±75°	4Tap	CWA	3x4
RKM200/M/PS	08-40088	PS	200	E	ED28	V	4Tap	CWA	3x4
RKMP200/M/PS	08-40060	PS	200	O	ED28	V	4Tap	CWA	3x4
RKM250/M/V/PS	08-40597	PS	250	E	ED28	V	4Tap	CWA	4.25x4.75
RKMP250/M/PS	08-40061	PS	250	O	ED28	VBU	4Tap	CWA	4.25x4.75
RKM320/M/PS	08-40095	PS	320	E	ED37	V	4Tap	CWA	4.25x4.75
RKM320SX/ED28/480/PS	08-40099	PS	320	E	ED28	V	480	CWA	4.25x4.75
RKM320SX/ED28/M/PS	08-40098	PS	320	E	ED28	VBU	4Tap	CWA	4.25x4.75
RKMP320/M/PS	08-40062	PS	320	O	ED37	VBU	4Tap	CWA	4.25x4.75
RKMP320ED28/M/PS	08-40063	PS	320	O	ED28	VBU	4Tap	CWA	4.25x4.75
RKM320/480/PS	08-40096	PS	320	E	ED37	V	480	CWA	4.25x4.75
RKMPF350/480/PS	08-40057	PS	350	O	ED37	V	480	CWA-EISA	4.25x4.75
RKM350/M/PS	08-40100	PS	350	E	ED37	V	4Tap	CWA-EISA	4.25x4.75
RKMP350/M/PS	08-40065	PS	350	O	ED37	V	4Tap	CWA-EISA	4.25x4.75
RKM400/HOR/ED28/M/PS	08-40651	PS	400	E	ED28	H±75°	4Tap	CWA-EISA	4.25x4.75
RKM400/M/PS	08-40106	PS	400	E	ED28	V	4Tap	CWA-EISA	4.25x4.75
RKMP400/M/PS	08-40067	PS	400	O	ED37	V	4Tap	CWA-EISA	4.25x4.75
RKM400/480/HOR/PS	08-40645	PS	400	E	ED37	H±75°	480	CWA-EISA	4.25x4.75
RKM400/480/PS	08-40414	PS	400	E	BT37	VBU	480	CWA-EISA	4.25x4.75
RKM400/ED28/M/PS	08-40646	PS	400	E	ED28	V	4Tap	CWA-EISA	4.25x4.75
RKM750/HOR/M/PS	08-40647	PS	750	E	BT37	VBU-H	4Tap	CWA	4.25x6
RKM750/M/PS	08-40120	PS	750	E	BT37	VBU	4Tap	CWA	4.25x5.75
RKM875/M/H75/PS	08-40642	PS	875	E	BT37	H±75°	4Tap	CWA	4.25x6

See reverse for High Pressure Sodium >

High Pressure Sodium

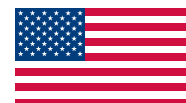
KIT		LAMP					BALLAST		
Catalog #	Kit DP#	Tech	Watt	Type	Size	Orientation	Voltage	Tech	Stack Size
RKS50/MED/120	08-40132	HPS	50	O	B17	U	120	R-NPF	1.88x2.25
RKS70/MED/M	08-40138	HPS	70	O	B17	U	4Tap	HX-HPF	3x4
RKS70/M	08-40136	HPS	70	O	ET23.5	U	4Tap	HX-HPF	3x4
RKS70/MED/120	08-40140	HPS	70	O	B17	U	120	R-NPF	2.188x2.625
RKS100/MED/M	08-40148	HPS	100	O	B17	U	4Tap	HX-HPF	3x4
RKS100/M	08-40146	HPS	100	O	ET23.5	U	4Tap	HX-HPF	3x4
RKS100/MED/120	08-40150	HPS	100	O	B17	U	120	R-NPF	2.188x2.625
RKS150/M	08-40156	HPS	150	O	ET23.5	U	4Tap	HX-HPF	3x4
RKS150/MED/M	08-40158	HPS	150	O	B17	U	4Tap	HX-HPF	3x4
RKS150/MED/120	08-40160	HPS	150	O	B17	U	120	R-NPF	2.188x2.625
RKS250/M	08-40169	HPS	250	O	ET18	U	4Tap	CWA	4.25x4.75
RKS400/M	08-40174	HPS	400	O	ET18	U	4Tap	CWA	4.25x4.75
RKS400/480	08-40177	HPS	400	O	ET18	U	480	CWA	4.25x4.75
RKS1000/M	08-40122	HPS	1000	O	E25	U	4Tap	CWA	4.25x6
RKS1000/480	08-40124	HPS	1000	O	E25	U	480	CWA	4.25x6
RKS1000/M	08-40123	HPS	1000	O	E25	U	4Tap	CWA	4.25x6

Simkar HID Lamp and Ballast kits come with the components you need to relamp, reballast, and convert your existing HID fixtures to energy-saving technology



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