

HID Lamps

High Pressure Sodium, Metal Halide, Pulse Start, and Mercury Vapor

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Howard Lighting manufactures a vast selection of high-quality lighting products that are ideal for commercial, industrial, and utility uses. Featuring Howard's best-in-class HID lamps, they have a long life, high efficiency, and are engineered for performance. Available in different wattages and sizes, our



High Pressure Sodium, Metal Halide, Mercury Vapor, and Pulse Start lamps are certain to satisfy your lighting needs.



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A Partner you can depend on.

For years you've grown to trust our industrial and utility products. You know that anytime you see our HI logo, you no longer have to worry about performance or quality. The same is true of our lamps, fixtures, and ballasts. And as the only manufacturer in the marketplace where you can obtain all of these products on the same purchase order, we are truly your one-stop-shop for lighting!



• **Metal Halide**



• **Mercury Vapor**

About Howard Industries

In 1968, a young Billy W. Howard, Sr. left his successful career at General Electric to return to his native Mississippi and create his own company, Howard Industries. Over the next three decades and with the assistance of his wife, Linda, Howard Industries has grown to become a billion dollar company consisting of four separate divisions plus a wholly-owned subsidiary, Howard Transportation. While the Howards readily attribute their success to the hard work of their employees and their commitment to creating, supplying, and supporting superior products and services, you cannot overlook their inspiration – Billy W. Howard, Sr



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Pulse Start



High Pressure Sodium

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1. Order Direct
Contact the authorized agent that you have purchased from in the past.

2. Order by phone
You can also contact us at 800.956.3456 to discuss your needs or place an order.

3. Order by fax
Or if you prefer, you can reach us by fax at 601.422.1652.

*Lighting for life*TM

Product Offerings

Watts	Howard Catalog #	UPC #	Bulb	Base	ANSI	Burning Position	Lumens Initial (lm)	Lumens Mean (lm)	MOL (in)	LCL (in)	Avg. Life (hours)	Color Temp. (K)	CRI	Lamp Finish	Pkg Qty.	
High Pressure Sodium																
35	LU35/MED	799385-01176	ED17	MED	S76	Universal	2250	2025	5.43	3.43	16000	2100	22	Clear	12	
35	LU35/D/MED	799385-01177	ED17	MED	S76	Universal	2150	1935	5.43	3.43	16000	2100	22	Diffuse	12	
50	LU50/MED	799385-01178	ED17	MED	S68	Universal	4000	3600	5.43	3.43	24000+	2100	22	Clear	12	
50	LU50/D/MED	799385-01179	ED17	MED	S68	Universal	3800	3420	5.43	3.43	24000+	2100	22	Diffuse	12	
50	LU50	799385-01180	ED23.5	MOG	S68	Universal	4000	3600	7.75	5	24000+	2100	22	Clear	12	
50	LU50/D	799385-01181	ED23.5	MOG	S68	Universal	3800	3420	7.75	5	24000+	2100	22	Diffuse	12	
70	LU70/MED	799385-01182	ED17	MED	S62	Universal	6300	5350	5.43	3.43	24000+	2100	22	Clear	12	
70	LU70/D/MED	799385-01183	ED17	MED	S62	Universal	5800	4900	5.43	3.43	24000+	2100	22	Diffuse	12	
70	LU70	799385-01184	ED23.5	MOG	S62	Universal	6300	5500	7.75	5	24000+	2100	22	Clear	12	
N	70	LU70/SBY	799385-02188	ED23.5	MOG	S62	Universal	6050	4950	7.75	5	40000	2100	22	Clear	12
70	LU70/D	799385-01185	ED23.5	MOG	S62	Universal	5800	5050	7.75	5	24000+	2100	22	Diffuse	12	
100	LU100/MED	799385-01186	ED17	MED	S54	Universal	9500	8550	5.43	3.43	24000+	2100	22	Clear	12	
100	LU100/D/MED	799385-01187	ED17	MED	S54	Universal	8800	7920	5.43	3.43	24000+	2100	22	Diffuse	12	
100	LU100	799385-01188	ED23.5	MOG	S54	Universal	9500	8550	7.75	5	24000+	2100	22	Clear	12	
N	100	LU100/SBY	799385-02189	ED23.5	MOG	S54	Universal	9500	7600	7.75	5	40000	2100	22	Clear	12
100	LU100/D	799385-01189	ED23.5	MOG	S54	Universal	8800	7920	7.75	5	24000+	2100	22	Diffuse	12	
150	LU150/55/MED	799385-01190	ED17	MED	S55	Universal	16000	14400	5.43	3.43	24000+	2100	22	Clear	12	
150	LU150/55/D/MED	799385-01191	ED17	MED	S55	Universal	15000	13500	5.43	3.43	24000+	2100	22	Diffuse	12	
150	LU150/55	799385-01192	ED23.5	MOG	S55	Universal	16000	14400	7.75	5	24000+	2100	22	Clear	12	
N	150	LU150/55/SBY	799385-02190	ED23.5	MOG	S55	Universal	15700	12100	7.75	5	40000	2100	22	Clear	12
150	LU150/55/D	799385-01193	ED23.5	MOG	S55	Universal	15000	13500	7.75	5	24000+	2100	22	Diffuse	12	
150	LU150/100	799385-01194	ED28	MOG	S56	Universal	15000	13500	8.31	5	24000+	2100	22	Clear	12	
200	LU200	799385-01195	ET18	MOG	S66	Universal	22000	19800	9.65	5.7	24000+	2100	22	Clear	24	
N	200	LU200/SBY	799385-02191	ET18	MOG	S66	Universal	21500	18000	9.65	5.7	40000	2100	22	Clear	24
250	LU250	799385-01196	ET18	MOG	S50	Universal	28000	27000	9.65	5.7	24000+	2100	22	Clear	24	
N	250	LU250/SBY	799385-02193	ET18	MOG	S50	Universal	27500	23200	9.65	5.7	40000	2100	22	Clear	24
250	LU250/D	799385-01197	ED37	MOG	S50	Universal	26000	23400	9.65	5.7	24000+	2100	22	Diffuse	24	
310	LU310	799385-01198	ET18	MOG	S67	Universal	37000	33300	9.65	5.7	24000+	2100	22	Clear	24	
400	LU400	799385-01199	ET18	MOG	S51	Universal	51000	45000	9.65	5.7	24000+	2100	22	Clear	24	
N	400	LU400/SBY	799385-02194	ET18	MOG	S51	Universal	47500	40000	9.65	5.7	40000	2100	22	Clear	24
400	LU400/D	799385-01200	ED37	MOG	S51	Universal	47500	42750	11.31	7	24000+	2100	22	Diffuse	12	
1000	LU1000	799385-01201	ET25	MOG	S52	Universal	140000	126000	15.06	8.75	24000+	2100	22	Clear	12	
Metal Halide¹																
50	MH50/U/MED	799385-01102	ED17	MED	M110/E	Universal	3400	2000	5.44	3.38	8000V/6000H	4200	65	Clear	12	
N	50	MP50/U/MED	799385-01920	ED17-P	MED	M110/O	Universal	3400	2000	5.44	3.38	10000	4200	65	Clear	12
50	MH50/C/U/MED	799385-01103	ED17	MED	M110/E	Universal	3200	1750	5.44	3.38	8000V/6000H	4000	65	Coated	12	
N	50	MP50/C/U/MED	799385-01921	ED17-P	MED	M110/O	Universal	3200	1750	5.44	3.38	10000	4000	65	Coated	12
70	MH70/U/MED	799385-01104	ED17	MED	M98/E	Universal	6000	4400	5.44	3.38	10000V/7500H	4200	65	Clear	12	
70	MP70/U/MED	799385-01922	ED17-P	MED	M98/O	Universal	5300	3400	5.44	3.38	10000	4200	65	Clear	12	
70	MH70/C/U/MED	799385-01105	ED17	MED	M98/E	Universal	5700	4100	5.44	3.38	10000V/7500H	4000	65	Coated	12	
70	MP70/C/U/MED	799385-01923	ED17-P	MED	M98/O	Universal	4700	3100	5.44	3.38	10000	4000	65	Coated	12	
100	MH100/U/MED	799385-01106	ED17	MED	M90/E	Universal	8500	5800	5.44	3.38	10000V/7500H	4200	65	Clear	12	
100	MP100/U/MED	799385-01924	ED17-P	MED	M90/O	Universal	8500	5500	5.44	3.38	10000	4200	65	Clear	12	
100	MH100/C/U/MED	799385-01107	ED17	MED	M90/E	Universal	8000	5500	5.44	3.38	10000V/7500H	4000	65	Coated	12	
100	MP100/C/U/MED	799385-01925	ED17-P	MED	M90/O	Universal	7900	5500	5.44	3.38	10000	4000	65	Coated	12	
150	MH150/U/MED	799385-01108	ED17	MED	M102/E	Universal	12000	10000	5.44	3.38	10000V/7500H	4200	65	Clear	12	
150	MP150/U/MED	799385-01926	ED17-P	MED	M102/O	Universal	12500	10000	5.44	3.38	10000	4200	65	Clear	12	
150	MH150/C/U/MED	799385-01109	ED17	MED	M102/E	Universal	11000	9000	5.44	3.38	10000V/7500H	4000	65	Coated	12	
150	MP150/C/U/MED	799385-01927	ED17-P	MED	M102/O	Universal	11600	9000	5.44	3.38	10000	4000	65	Coated	12	
175	MH175/U/MED	799385-01110	ED17	MED	M57/E	Universal	14000	9300	5.44	3.38	10000	4200	65	Clear	12	
175	MP175/U/MED	799385-01928	ED17-P	MED	M57/O	Universal	14400	10800	5.44	3.38	10000	4200	65	Clear	12	
175	MH175/C/U/MED	799385-01111	ED17	MED	M57/E	Universal	13300	8400	5.44	3.38	10000	4000	65	Coated	12	
175	MP175/C/U/MED	799385-01929	ED17-P	MED	M57/O	Universal	12800	7800	5.44	3.38	10000	4000	65	Coated	12	
175	MH175/U	799385-01112	ED28	MOG	M57/E	Universal	16000	12800	8.31	5	10000V/7500H	4200	60	Clear	12	
175	MP175/BU	799385-01930	BT28	MOG	M57/O	Base Up	14400	10200	8.31	5	10000	4200	65	Clear	12	
175	MH175/C/U	799385-01113	ED28	MOG	M57/E	Universal	15200	12160	8.31	5	10000V/7500H	4000	65	Coated	12	
175	MP175/C/BU	799385-01931	BT28	MOG	M57/O	Base Up	12800	7800	8.31	5	10000	4000	65	Coated	12	

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N = New item
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Product Offerings

Watts	Howard Catalog #	UPC #	Bulb	Base	ANSI	Burning Position	Lumens Initial (lm)	Lumens Mean (lm)	MOL (in)	LCL (in)	Avg. Life (hours)	Color Temp. (K)	CRI	Lamp Finish	Pkg Qty.	
Metal Halide¹ (continued)																
250	MH250/U	799385-01114	ED28	MOG	M58/E	Universal	20500	17000	8.31	5	10000	4200	60	Clear	12	
250	MH250/C/U	799385-01115	ED28	MOG	M58/E	Universal	19475	15580	8.31	5	10000	4000	65	Coated	12	
250	MH250/HOR	799385-01116	T15	MOG	M58/E	Horizontal	20500	10000	8.31	5	10000	4200	60	Clear	24	
250	MP250/BU	799385-01117	ED28	MOG (EX39)	M58/O	Base Up	23000	17000	8.31	5	15000V/10000H	4200	70	Clear	12	
250	MP250/C/BU	799385-01118	ED28	MOG (EX39)	M58/O	Base Up	20000	14350	8.31	5	15000V/10000H	3000	70	Coated	12	
400	MH400/U	799385-01119	ED37	MOG	M59/E	Universal	36000	23500	11.5	7	10000	4200	60	Clear	12	
400	MH400/C/U	799385-01120	ED37	MOG	M59/E	Universal	34000	22500	11.5	7	10000	4000	65	Coated	12	
400	MH400/HOR	799385-01121	T15	MOG	M59/E	Horizontal	36000	23400	9.75	5.75	10000	4200	60	Clear	24	
400	MH400/U/ED28	799385-01122	ED28	MOG	M59/E	Universal	36000	23500	8.31	5	10000	4200	60	Clear	12	
400	MH400/C/U/ED28	799385-01123	ED28	MOG	M59/E	Universal	34000	22500	8.31	5	10000	4000	65	Coated	12	
400	MP400/BU	799385-01124	BT37	MOG (EX39)	M59/O	Base Up	40000	26000	11.5	7	15000V/10000H	4200	70	Clear	12	
400	MP400/C/BU	799385-01125	BT37	MOG (EX39)	M59/O	Base Up	38500	25000	11.5	7	15000V/10000H	3000	70	Coated	12	
1000	MH1000/U	799385-01126	BT56	MOG	M47/E	Universal	110000	86000	15.38	9.5	15000	4200	60	Clear	6	
1000	MH1000/C/U	799385-01127	BT56	MOG	M47/E	Universal	105000	80000	15.38	9.5	15000	4000	65	Coated	6	
1000	MH1000/U/BT37	799385-01128	BT37	MOG	M47/E	Universal	110000	93500	11.5	7	10000	4200	60	Clear	6	
1000	MP1000/BU	799385-01229	BT56	MOG (EX39)	M47/O	Base Up	107000	85000	15.38	9.5	15000V/10000H	4200	65	Clear	6	
* N	1500	MH1500/BU	799385-01130	BT56	MOG	M48/E	Base Up	161000	100000	15.38	9.5	3000	4200	60	Clear	6
N	1500	MH1500/HBU	799385-02107	BT56	MOG	M48/E	HOR-Base Up	161000	100000	15.38	9.5	3000	4200	60	Clear	6
Pulse Start¹																
* N	200	MH200/U/PS	799385-01131	ED28	MOG	M136/E	Universal	21000V/18900H	16800V/15100H	8.31	5	15000V/11250H	4200	60	Clear	12
	200	MH200/BU/PS	799385-02108	ED28	MOG	M136/E	Base Up	19000	13500	8.31	5	15000	4200	60	Clear	12
* N	200	MH200/C/U/PS	799385-01132	ED28	MOG	M136/E	Universal	20000V/18000H	16000V/14400H	8.31	5	15000V/11250H	4000	65	Coated	12
	200	MH200/C/BU/PS	799385-02109	ED28	MOG	M136/E	Base Up	18000	12800	8.31	5	15000	4000	65	Coated	12
* N	200	MP200/U/PS	799385-01133	BT28	MOG (EX39)	M136/O	Base Up	20000	16000	8.31	5	15000	4200	60	Clear	12
	200	MP200/BU/PS	799385-02110	ED28	MOG (EX39)	M136/O	Base Up	20000	14500	8.31	5	15000	4200	60	Clear	12
* N	200	MP200/C/U/PS	799385-01134	BT28	MOG (EX39)	M136/O	Base Up	19000	15200	8.31	5	15000	4000	65	Coated	12
	200	MP200/C/BU/PS	799385-02111	ED28	MOG (EX39)	M136/O	Base Up	19000	13500	8.31	5	15000	4000	65	Coated	12
	250	MH250/BU/PS	799385-01135	ED28	MOG	M138/E M153/E	Base Up	23500	19000	8.31	5	15000	4200	60	Clear	12
	250	MH250/C/BU/PS	799385-01136	ED28	MOG	M138/E M153/E	Base Up	21500	17000	8.31	5	15000	4000	65	Coated	12
	250	MP250/BU/PS	799385-01137	ED28	MOG (EX39)	M138/O M153/O	Base Up	22500	17000	8.31	5	15000	4200	60	Clear	12
	250	MP250/C/BU/PS	799385-01138	ED28	MOG (EX39)	M138/O M153/O	Base Up	21000	16000	8.31	5	15000	4000	65	Coated	12
	320	MH320/BU/PS	799385-01139	ED28	MOG	M132/E M154/E	Base Up	32000	21000	8.31	5	15000	4200	60	Clear	12
	320	MH320/C/BU/PS	799385-01140	ED28	MOG	M132/E M154/E	Base Up	30000	19700	8.31	5	15000	4000	65	Coated	12
	320	MP320/BU/PS	799385-01141	ED28	MOG (EX39)	M132/O M154/O	Base Up	28600	21000	8.31	5	15000	4200	60	Clear	12
	320	MP320/C/BU/PS	799385-01142	ED28	MOG (EX39)	M132/O M154/O	Base Up	27700	19000	8.31	5	15000	4000	65	Coated	12
	350	MH350/BU/PS	799385-01143	ED28	MOG	M131/E	Base Up	36500	27000	8.31	5	15000	4200	60	Clear	12
	350	MH350/C/BU/PS	799385-01144	ED28	MOG	M131/E	Base Up	34500	25000	8.31	5	15000	4000	65	Coated	12
	350	MP350/BU/PS	799385-01145	ED28	MOG (EX39)	M131/O	Base Up	35200	24600	8.31	5	15000	4200	60	Clear	12
	350	MP350/C/BU/PS	799385-01146	ED28	MOG (EX39)	M131/O	Base Up	33400	23500	8.31	5	15000	4000	65	Coated	12
	400	MH400/BU/PS	799385-01147	ED37	MOG	M135/E M155/E	Base Up	42000	31000	11.5	7	15000	4200	60	Clear	12
	400	MH400/C/BU/PS	799385-01148	ED37	MOG	M135/E M155/E	Base Up	40000	29000	11.5	7	15000	4000	65	Coated	12
	400	MP400/BU/PS	799385-01149	ED37	MOG (EX39)	M135/O M155/O	Base Up	42000	29500	11.5	7	15000	4200	60	Clear	12
	400	MP400/C/BU/PS	799385-01150	ED37	MOG (EX39)	M135/O M155/O	Base Up	40000	28000	11.5	7	15000	4000	65	Coated	12
* N	750	MH750/BU/BT37/PS	799385-01932	BT37	MOG	M149/E	Base Up	80000	60000	11.5	7	16000	4000	60	Clear	12
* N	750	MH750/C/BU/BT37/PS	799385-01933	BT37	MOG	M149/E	Base Up	75000	56000	11.5	7	16000	4000	65	Coated	12
	1000	MH1000/BU/BT37/PS	799385-01151	BT37	MOG	M141/E	Base Up	110000	96000	11.5	7	10000+	4200	60	Clear	6
Mercury Vapor¹																
	100	H38AV-100/DX	799385-01152	ED17	MED	H38	Universal	4000	2600	5.43	3.5	6000+	3900	50	Coated	12
	100	H38JA-100/DX	799385-01153	ED23.5	MOB	H38	Universal	4000	2600	7.5	5	10000+	3900	50	Coated	12
	175	H39KC-175/DX	799385-01154	ED28	MOG	H39	Universal	7800	6800	8.25	5	10000+	3900	50	Coated	12
	175	H39KB-175	799385-01155	ED28	MOG	H39	Universal	7800	6800	8.25	5	10000+	4500	20	Clear	12
	250	H37KC-250/DX	799385-01156	ED28	MOG	H37	Universal	11200	8400	8.25	5	10000+	3900	50	Coated	12
	250	H37KB-250	799385-01157	ED28	MOG	H37	Universal	11200	8400	8.25	5	10000+	4500	20	Clear	12
	400	H33GL-400/DX	799385-01158	ED37	MOG	H33	Universal	22600	14400	11.31	7	10000+	3900	50	Coated	12
	400	H33CD-400	799385-01159	ED37	MOG	H33	Universal	22600	14400	11.31	7	10000+	4500	20	Clear	12
	1000	H36GW-1000/DX	799385-01160	BT56	MOG	H36	Universal	58000	29000	15.38	9.5	10000+	3900	50	Coated	6

¹ WARNING: This lamp can cause serious skin burn and eye inflammation from short-wave radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

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Cross Reference

Watts	Howard Catalog #	EIKO	GE	Philips	SLI	Sylvania
High Pressure Sodium						
35	LU35/MED	LU35/MED	LU35/MED	C35S76/M	LU35/MED/CLEAR	LU35/MED
35	LU35/D/MED	LU35/D/MED	LU35/D/MED	C35S76/D/M	N/A	LU35/D/MED
50	LU50/MED	LU50/MED	LU50/MED	C50S68/M	LU50/MED/CLEAR	LU50/MED
50	LU50/D/MED	LU50/D/MED	LU50/D/MED	C50S68/D/M	N/A	LU50/D/MED
50	LU50	LU50	LU50	C50S68/ALTO	LU50/MOG/CLEAR	LU50/ECO
50	LU50/D	LU50/D	LU50/D/MED	C50S68/D/ALTO	N/A	LU50/D/MED
70	LU70/MED	LU70/MED	LU70/MED	C70S62/M	LU70/MED/CLEAR	LU70/MED
70	LU70/D/MED	LU70/D/MED	LU70/D/MED	C70S62/D/M	N/A	LU70/D/MED
70	LU70	LU70	LU70	C70S62/ALTO	LU70/MOG/CLEAR	LU70/ECO
70	LU70/SBY	N/A	LU70/SBY/XL	C70S62/2	N/A	LU70/SBY
70	LU70/D	LU70/D	LU70/D	C70S62/D/ALTO	N/A	LU70/D/MED
100	LU100/MED	LU100/MED	LU100/MED	C100S54/M	LU100/MED/CLEAR	LU100/MED
100	LU100/D/MED	LU100/D/MED	LU100/D/MED	C100S54/D/M	N/A	LU100/D/MED
100	LU100	LU100	LU100/ECO	C100S54/ALTO	LU100/MOG/CLEAR	LU100/ECO
100	LU100/SBY	N/A	LU100/SBY/XL	C100S54/2	N/A	LU100/SBY
100	LU100/D	LU100/D	LU100/D	C100S54/D/ALTO	N/A	LU100/D
150	LU150/55/MED	LU150/55/MED	LU150/MED	C150S55/M	LU150/MED/CLEAR	LU150/55/MED
150	LU150/55/D/MED	LU150/55/D/MED	LU150/D/MED	C150S55/D/M	N/A	LU150/55/D/MED
150	LU150/55	LU150/55	LU150/55/ECO	C150S55/ALTO	LU150/55/MOG/CLEAR	LU150/55/ECO
150	LU150/55/SBY	N/A	LU150/55/SBY/XL	C150S55/2	N/A	LU150/55/SBY
150	LU150/55/D	LU150/55/D	LU150/55/D	C150S55/D/ALTO	N/A	LU150/55/D
150	LU150/100	LU150/100	LU150/100	C150S56	N/A	LU150/100
200	LU200	LU200	LU200/ECO	C200S66/ALTO	N/A	LU200/ECO
200	LU200/SBY	N/A	LU200/SBY/XL	N/A	N/A	LU200/SBY
250	LU250	LU250	LU250/ECO	C250S50/ALTO	LU250/T/MOG/CLEAR	LU250/ECO
250	LU250/SBY	N/A	LU250/SBY/XL	C250S50/2	N/A	LU250/SBY
250	LU250/D	LU250/D	LU250/D	C250S50/D/ALTO	N/A	LU250/D
310	LU310	LU310	LU310	C310S67	N/A	LU310/ECO
400	LU400	LU400	LU400/ECO	C400S51/ALTO	LU400/T/MOG/CLEAR	LU400/ECO
400	LU400/SBY	N/A	LU400/SBY/XL	C400S51/2	N/A	LU400/SBY
400	LU400/D	LU400/D	LU400/D	C400S51/D/ALTO	N/A	LU400/D
1000	LU1000	LU1000	LU1000	C1000S52	LU1000/MOG/CLEAR	LU1000
Metal Halide						
50	MH50/U/MED	MH50/U/MED	MVR50/U/MED	MHC50/U/M/4K/ALTO	MH50/U/MED	MP50/U/MED *3000K
50	MP50/U/MED	N/A	MXR50/U/MED/O	MHC50/U/MP/4K/ALTO	N/A	MP50/U/MED *2900K
50	MH50/C/U/MED	MH50/C/U/MED	MVR50/C/U/MED	MHC50/C/U/M/4K/ALTO	N/A	MP50/C/U/MED *300K
50	MP50/C/U/MED	N/A	MXR50/C/U/MED/O	N/A	N/A	MP50/C/U/MED *3000K
70	MH70/U/MED	MH70/U/MED	MVR70/U/MED	MHC70/U/M/4K/ALTO	MH70/U/MED	MPD70/U/MED/840
70	MP70/U/MED	MP70/U/MED/4K	N/A	MHC70/U/MP/4K/ALTO	N/A	MPD70/U/MED/840
70	MH70/C/U/MED	MH70/C/U/MED	MVR70/C/U/MED	MHC70/C/U/M/4K/ALTO	N/A	MPD70/C/U/MED/840
70	MP70/C/U/MED	MP70/C/U/MED/4K	N/A	MHC70/C/U/MP/4K/ALTO	N/A	MPD70/C/U/MED/840
100	MH100/U/MED	MH100/U/MED	MVR100/U/MED	MHC100/U/M/4K/ALTO	MH100/U/MED	MPD100/U/MED/840
100	MP100/U/MED	MP100/U/MED/4K	N/A	MHC100/U/MP/4K/ALTO	N/A	MPD100/U/MED/840
100	MH100/C/U/MED	MH100/C/U/MED	MVR100/C/U/MED	MHC100/C/U/M/4K/ALTO	N/A	MPD100/C/U/MED/840
100	MP100/C/U/MED	MP100/C/U/MED/4K	N/A	MHC100/C/U/MP/4K/ALTO	N/A	MPD100/C/U/MED/840
150	MH150/U/MED	MH150/U/MED	MVR150/U/MED	MH150/U/M	MH150/U/MED	MPD150/U/MED/840
150	MP150/U/MED	MP150/U/MED/4K	MXR150/U/MED/O	MHC150/U/MP/4K/ALTO	N/A	MPD150/U/MED/840
150	MH150/C/U/MED	MH150/C/U/MED	MVR150/C/U/MED	MH150/C/U/M	N/A	MPD150/C/U/MED/840
150	MP150/C/U/MED	MP150/C/U/MED/4K	MXR150/C/U/MED/O	MHC150/C/U/MP/ALTO	N/A	MPD150/C/U/MED/840
175	MH175/U/MED	MH175/U/MED	MVR175/U/MED	MH175/U/M	MH175/U/MED	M175/U/MED
175	MP175/U/MED	N/A	N/A	N/A	N/A	MP175/BU-ONLY/MED
175	MH175/C/U/MED	MH175/C/U/MED	MVR175/C/U/MED	MH175/C/U/M	N/A	M175/C/U/MED
175	MP175/C/U/MED	N/A	N/A	N/A	N/A	N/A
175	MH175/U	MH175/U	MVR175/U	MH175/U	MH175/U	M175/U
175	MP175/BU	N/A	MPR175/VBU/O	MP175/BU	N/A	MP175/BU-ONLY
175	MH175/C/U	MH175/C/U	MVR175/C/U	MH175/C/U	N/A	M175/C/U
175	MP175/C/BU	N/A	MPR175/C/VBU/O	N/A	N/A	MP175/C/BU-ONLY



Cross Reference

Watts	Howard Catalog #	EIKO	GE	Philips	SLI	Sylvania
Metal Halide (continued)						
250	MH250/U	MH250/U	MVR250/U	MH250/U	MH250/U	M250/U
250	MH250/C/U	MH250/C/U	MVR250/C/U	MH250/C/U	N/A	M250/C/U
250	MH250/HOR	MH250/U/T15	MVR250/HOR	MH250/T15	N/A	M250/U/ET18
250	MP250/BU	N/A	MPR250/VBU/O	MP250/BU	N/A	MP250/BU-ONLY
250	MP250/C/BU	N/A	MPR250/C/VBU/O	N/A	N/A	MP250/C/BU-ONLY
400	MH400/U	MH400/U	MVR400/U	MH400/U	MH400/U	M400/U
400	MH400/C/U	MH400/C/U	MVR400/C/U	MH400/C/U	N/A	M400/C/U
400	MH400/HOR	MH400/U/T15	MVR400/HOR	MH400/T15	N/A	M400/U/ET18
400	MH400/U/ED28	MH400/U/ED28	MVR400/U/ED28	MH400/U/ED28	N/A	M400/U/BT28
400	MH400/C/U/ED28	MH400/C/U/ED28	MVR400/C/U/ED28	N/A	N/A	M400/C/U/BT28
400	MP400/BU	N/A	MPR400/VBU/O	MP400/BU	N/A	MP400/BU-ONLY
400	MP400/C/BU	N/A	MPR400/C/VBU/O	MP400/C/BU	N/A	MP400/C/BU-ONLY
1000	MH1000/U	MH1000/U	MVR1000/U	MH1000/U	MH1000/U	M1000/U
1000	MH1000/C/U	MH1000/C/U	MVR1000/C/U	MH1000/C/U	N/A	M1000/C/U
1000	MH1000/U/BT37	MH1000/U/BT37	MVR1000/U/BT37	MH1000/U/BT37	N/A	M1000/U/BT37
1000	MP1000/BU	N/A	MPR1000/VBU/O	MP1000/BU	N/A	MP1000/BU-ONLY
1500	MH1500/HBU	MH1500/U	MBR1500/U/SORTS	MH1500/U	MH1500/HBU	M1500/BU-HOR
Pulse Start						
200	MH200/BU/PS	MH200/U	N/A	N/A	N/A	MS200/PS/BU-ONLY/BT28
200	MH200/C/BU/PS	MH200/C/U	N/A	N/A	N/A	MS200/C/PS/BU-ONLY/BT28
200	MP200/BU/PS	N/A	N/A	N/A	N/A	N/A
200	MP200/C/BU/PS	N/A	N/A	N/A	N/A	N/A
250	MH250/BU/PS	N/A	MVR250/VBU/PA	MS250/BU/PS	N/A	MS250/PS/BU-ONLY
250	MH250/C/BU/PS	N/A	MVR250/C/VBU/PA	N/A	N/A	MS250/C/PS/BU-ONLY
250	MP250/BU/PS	N/A	N/A	N/A	N/A	MP250/PS/BU-ONLY
250	MP250/C/BU/PS	N/A	N/A	N/A	N/A	MP250/C/PS/BU-ONLY
320	MH320/BU/PS	N/A	MVR320/VBU/HO/PA	MS320/U/PS	N/A	MS320/PS/BU-ONLY
320	MH320/C/BU/PS	N/A	MVR320/C/VBU/HO/PA	MS320/C/U/PS	N/A	MS320/C/PS/BU-ONLY
320	MP320/BU/PS	MP320/BU	MPR320/VBU/XHO/PA	MP320/BU/PS	N/A	MP320/350/PS/BU-ONLY/BT28
320	MP320/C/BU/PS	N/A	MPR320/C/VBU/XHO/PA	MP320/C/BU/PS	N/A	MP320/350/C/PS/BU-ONLY/BT28
350	MH350/BU/PS	MP350/BU	MVR350/VBU/PA	MS350/BU/PS	N/A	N/A
350	MH350/C/BU/PS	MP350/C/BU/4K	MVR350/C/VBU/PA	MS350/C/BU/PS	N/A	N/A
350	MP350/BU/PS	N/A	MPR350/VBU/PA	MP350/BU/PS	N/A	MP350/400/PS/BU-ONLY
350	MP350/C/BU/PS	N/A	MPR350/C/VBU/PA	MP350/C/BU/PS	N/A	MP350/400/C/PS/BU-ONLY
400	MH400/BU/PS	N/A	MVR400/VBU/HO/PA	MS400/BU/PS	N/A	MS400/PS/BU-ONLY
400	MH400/C/BU/PS	N/A	MVR400/C/VBU/HO/PA	MS400/C/BU/PS	N/A	MS400/C/PS/BU-ONLY
400	MP400/BU/PS	N/A	MPR400/VBU/XHO/PA	MP400/BU/PS	N/A	MP350/400/PS/BU-ONLY
400	MP400/C/BU/PS	N/A	MPR400/C/VBU/XHO/PA	MP400/C/BU/PS	N/A	MP350/400/C/PS/BU-ONLY
750	MH750/BU/BT37/PS	N/A	MVR750/VBU/PA	MS750/BU/BT37/PS	N/A	MS750/PS/BU-HOR/BT37
750	MH750/C/BU/BT37/PS	N/A	MVR750/C/VBU/PA	N/A	N/A	MS750/PS/C/PS/BU-HOR/BT37
1000	MH1000/BU/BT37/PS	N/A	MVR1000/U/BT37/PA	MS1000/BU/BT37/PS	N/A	M1000/PS/U/BT37
Mercury Vapor						
100	H38AV-100/DX	N/A	HR100DX38/MED	N/A	N/A	H38AV-100/DX
100	H38JA-100/DX	H38JA-100/DX	HR100DX38	H38JA-100/DX	H38JA-100/DX-MOG	H38JA-100/DX
175	H39KC-175/DX	H39KC-175/DX	HR175DX39	H39KC-175/DX	H39KC-175/DX	H39KC-175/DX
175	H39KB-175	H39KB-175	HR175A39	H39KB-175	H39KB-175/CL	H39KB-175
250	H37KC-250/DX	H37KC-250/DX	HR250DX37	H37KC-250/DX	H37KC-250/DX	H37KC-250/DX
250	H37KB-250	H37KB-250	HR250A37	H37KB-250	N/A	H37KB-250
400	H33GL-400/DX	H33GL-400/DX	HR400DX33	H33GL-400/DX	H33GL-400/DX	H33GL-400/DX
400	H33CD-400	H33CD-400	HR400A33	H33CD-400	N/A	H33CD-400
1000	H36GW-1000/DX	N/A	HR1000DX36	H36GW-1000/DX	H36GW-1000/DX	H36GW-1000/DX

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