

HID

LIGHTING | CONTROLS | BALLASTS | IGNITORS

PRODUCT GUIDE



VENTURE®
LIGHTING

HIGH INTENSITY DISCHARGE LAMPS

For over 30 years Venture Lighting has built a great reputation as the market leaders in metal halide lighting technology.

Known for our reliability, expert knowledge, technical support team and innovative lamp development.

Whatever your HID requirements may be, Venture Lighting can provide an unequalled, quality solution.



A CORE RANGE OF ERP COMPLIANT PRODUCTS



30 YEARS OF EXPERIENCE IN HID TECHNOLOGY



CONTENTS

CERAMIC LAMPS | 5

METAL HALIDE LAMPS | 7

HIGH WATTAGE LAMPS | 11

HPS LAMPS | 13

ELECTRONIC BALLASTS | 15

BALLASTS | 17

IGNITORS | 19

CAPACITORS | 20

MADE TO ORDER | 21

CROSS REFERENCE CHART | 25

VENTURE FACILITIES | TECHNICAL

Venture Lighting boasts advanced on-site testing facilities that support both HID and LED luminaire development. We maintain full electrical and photometrical testing facilities in the UK. We have an experienced and committed team of engineers and product experts that can undertake all manner of design work, we have the capabilities to work closely with our customers to create bespoke solutions.

Our reputation for being HID experts in the market has built over years of being at the forefront of developing technologies. Pioneering the Uniform Arc Tube and our advancements in Power Line Communication are just examples of our achievements throughout the years. Paving the path to a future where we are equipped to provide the very best product and service possible.

GENERAL TESTING AND MAINTENANCE.

So you can be confident in the knowledge that you are receiving a trustworthy product.

MEASURING FACILITIES.

This combined with our 30 years of knowledge in photometrics has enabled us to develop our HPS Elite Lamp, boasting 60,000 hours life.

IN-HOUSE TEAM OF ENGINEERS.

To provide a personal service to our loyal customers.

LIGHTING DESIGNERS AT HAND.

To create the ultimate solutions for our customers including the capabilities of bespoke projects.



VENTURE FACILITIES | WAREHOUSE AND SHIPPING

As well as our on-site technical team and capabilities, we also offer UK Stock. We deliver worldwide from our Midlands based warehouse and distribution centre.

This service is complemented with a full-time sales and customer service team. We believe that the best products should be hand in hand with the very best service and support.

Our emphasis on quality service and facilities has always made us global leaders in HID technology.



Expert advice from our Customer Service and Technical Team.

+44 (0) 1923 692 600



UK Stock availability and support throughout.



A global, high-quality service and delivery system.



All Venture Metal Halide and High pressure Sodium lamps and Control Gear will fully comply with ErP.

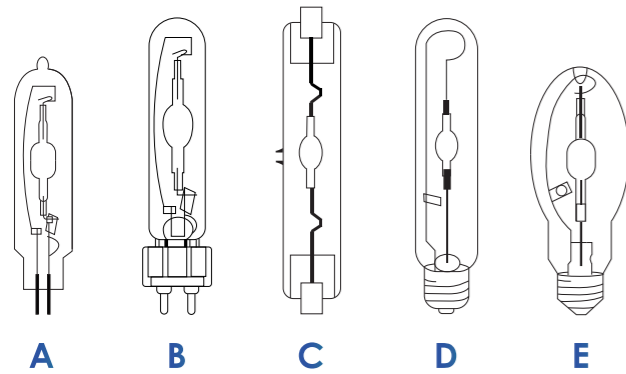
CERAMIC LAMPS | ENCLOSED RATED

Ceramic Master Plus Lamps from Venture Lighting use the latest slip-cast arc tube construction to give outstanding colour uniformity, efficacy and lifetime. Colour Rendering Index up to 90+ makes CM-Plus the perfect fit for retail display areas, museums and public spaces.

FEATURES

- Compatible with magnetic and electronic control gear.
- Longer life than traditional quartz arc tubes.
- Can be operated in any burning position with no loss of lumens.

DIAGRAM



G8.5

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00356	35W	CM-PLUS TC 35W/U/UVS/830	3400	3000	80+	15000	UNIVERSAL	A+	VYC035255	85	14.5	G8.5	12
00357	35W	CM-PLUS TC 35W/U/UVS/942	3300	4200	90+	15000	UNIVERSAL	A+	VYC035255	85	14.5	G8.5	12
00358	70W	CM-PLUS TC 70W/U/UVS/830	7000	3000	80+	15000	UNIVERSAL	A+	VYC070255	85	14.5	G8.5	12
00359	70W	CM-PLUS TC 70W/U/UVS/942	6600	4200	90+	15000	UNIVERSAL	A+	VYC070255	85	14.5	G8.5	12

G12

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00362	35W	CM-PLUS T 35W/U/UVS/830	3400	3000	80+	15000	UNIVERSAL	A+	VYC035255	90	14.5	G12	12
00363	35W	CM-PLUS T 35W/U/UVS/942	3300	4200	90+	15000	UNIVERSAL	A+	VYC035255	90	14.5	G12	12
00364	70W	CM-PLUS T 70W/U/UVS/830	7000	3000	80+	15000	UNIVERSAL	A+	VYC070255	90	19	G12	12
00365	70W	CM-PLUS T 70W/U/UVS/942	6600	4200	90+	15000	UNIVERSAL	A+	VYC070255	90	19	G12	12
00367	100W	CM-PLUS T 100W/U/UVS/942	9000	4200	90+	15000	UNIVERSAL	A+	VYC100255	100	19	G12	12
00368	150W	CM-PLUS T 150W/U/UVS/830	15000	3000	80+	15000	UNIVERSAL	A+	VYC150255	100	19	G12	12
00369	150W	CM-PLUS T 150W/U/UVS/942	13500	4200	90+	15000	UNIVERSAL	A+	VYC150255	100	19	G12	12

DOUBLE ENDED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00370	70W	CM-PLUS TD 70W/U/UVS/830	7000	3000	80+	15000	UNIVERSAL	A+	VYC070255	120	23	Rx7s	12
00371	70W	CM-PLUS TD 70W/U/UVS/942	6600	4200	90+	15000	UNIVERSAL	A+	VYC070255	120	23	Rx7s	12
00372	150W	CM-PLUS TD 150W/U/UVS/830	14000	3000	80+	15000	UNIVERSAL	A+	VYC150255	135	23	Rx7s	12
00373	150W	CM-PLUS TD 150W/U/UVS/942	12500	4200	90+	15000	UNIVERSAL	A	VYC150255	135	23	Rx7s	12

TUBULAR

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00374	70W	CM-PLUS TT 70W/U/UVS/830	7000	3000	80+	18000	UNIVERSAL	A+	VYC070255	156	38	E27	12
00375	70W	CM-PLUS TT 70W/U/UVS/942	6600	4200	90+	18000	UNIVERSAL	A+	VYC070255	156	38	E27	12
00376	100W	CM-PLUS TT 100W/U/UVS/830	9500	3000	80+	18000	UNIVERSAL	A+	VYC100255	215	46	E40	12
00377	100W	CM-PLUS TT 100W/U/UVS/942	9000	4200	90+	18000	UNIVERSAL	A+	VYC100255	215	46	E40	12
00378	150W	CM-PLUS TT 150W/U/UVS/830	14000	3000	80+	18000	UNIVERSAL	A+	VYC150255	215	46	E40	12
00379	150W	CM-PLUS TT 150W/U/UVS/942	13500	4200	90+	18000	UNIVERSAL	A+	VYC150255	215	46	E40	12

ELLIPTICAL

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00380	70W	CM-PLUS ED 70W/U/UVS/830	7000	3000	80+	18000	UNIVERSAL	A+	VYC070255	141	54	E27	12
00381	70W	CM-PLUS ED 70W/U/UVS/942	6600	4200	90+	18000	UNIVERSAL	A+	VYC070255	141	54	E27	12
00382	100W	CM-PLUS ED 100W/U/UVS/830	9500	3000	80+	18000	UNIVERSAL	A+	VYC100255	141	54	E27	12
00384	150W	CM-PLUS ED 150W/U/UVS/830	14000	3000	80+	18000	UNIVERSAL	A+	VYC150255	141	54	E27	12
00385	150W	CM-PLUS ED 150W/U/UVS/942	13500	4200	90+	18000	UNIVERSAL	A+	VYC150255	141	54	E27	12

METAL HALIDE LAMPS

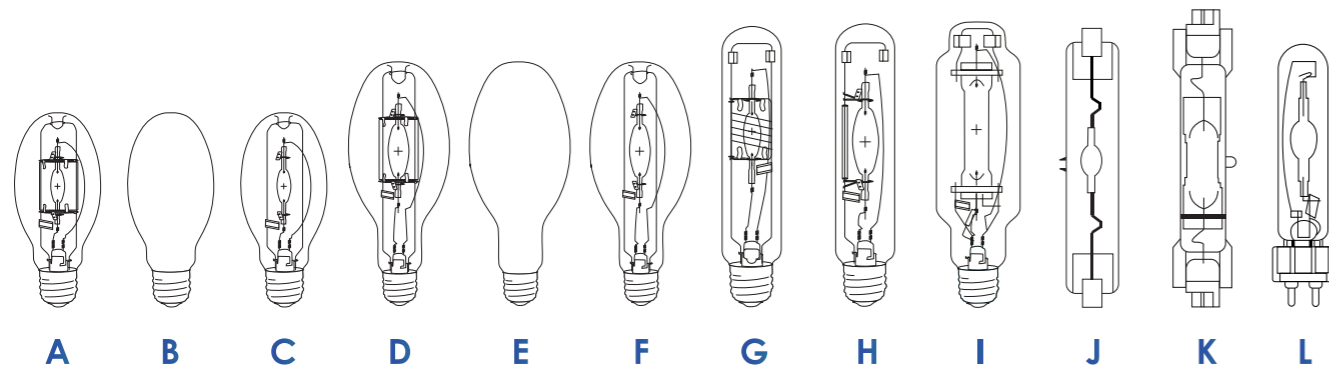
Venture Metal Halide lamps offer proven performance and reliability. Our unique Uniform Arc Tubes deliver industry-leading longevity and efficacy for industrial, warehouse and street lighting applications.

We offer **Made To Order** options within our Metal Halide range. To see what lamps fall under this option, [visit page 23](#).

FEATURES

- Sodium-Scandium primary colour generation.
- Self-healing tungsten electrodes.
- Open rated lamps tested to ANSI C78.389.

DIAGRAM



ELLIPTICAL OPEN RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
10059	200W	HIPE 200W/C/V/UVS/PS/4K	19000	3700	70	20000	VERTICAL	A+	HMZ20322245	215	90	E40	12
10008	250W	HIPE 250W/V/UVS/PS/740	23800	4000	68	20000	VERTICAL	A+	HMA25223221	215	90	E40	12
10014	250W	HIPE 250W/C/V/UVS/PS/737	23000	3700	70	20000	VERTICAL	A+	HMA25223221	215	90	E40	12
58216	310W	HIPE 310W/BU/UVS/PS/950	28500	5000	90+	20000	BASE UP	A+	HMA35223231	296	120	E40	6
50219	365W	HIPE 365W/BU/E90/UVS/PS/950	34000	5000	90+	20000	BASE UP	A+	HMA40223221	215	90	E40	12
94102	400W	HIPE 400W/C/BU/EURO/4K	36000	3700	70	15000	BASE UP	A+	HMA40223221	296	120	E40	6
10043	400W	HIPE 400W/C/V/LU/UVS/737	40000	3700	70	20000	VERTICAL	A+	HSA40223221-N	296	120	E40	6
10077	400W	HIPE 400W/V/LU/UVS/740	42000	4000	68	20000	VERTICAL	A+	HSA40223221-N	296	120	E40	6

ELLIPTICAL ENCLOSED RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
10058	200W	HIE 200W/C/U/PS/4K	20000	3700	70	20000	UNIVERSAL	A+	HMZ20322245	215	90	E40	12
18980	250W	HIE 250W/V/PS/4K	25000	4000	68	20000	VERTICAL	A+	HMA25223221	215	90	E40	12
61513	250W	HIE 250W/C/V/PS/737	23800	3700	70	20000	VERTICAL	A+	HMA25223221	215	90	E40	12
10056	350W	HIE 350W/C/V/PS/4K	35000	3700	70	30000	VERTICAL	A+	HMA35223221	296	120	E40	6
60444	400W	HIE 400W/C/V/PS/737	42000	3700	70	30000	VERTICAL	A+	HMA40223221	296	120	E40	6
68592	400W	HIE 400W/C/H75/PS/737	40000	3700	70	26000	HORIZONTAL	A+	HMA40223221	296	120	E40	6
92008	400W	HIE 400W/V/PS/740	44000	4000	68	30000	VERTICAL	A+	HMA40223221	296	120	E40	6
10049	400W	HIE 400W/C/HBU/LU/737	42000	3700	70	20000	BASE UP ±90°	A+	HSA40223221-N	296	120	E40	6

TUBULAR OPEN RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
22513	250W	HIPT 250W/H75/LU/T52/UVS/740	20000	4000	65	20000	HORIZONTAL	A	HSA25223221-N	211	52	E40	12

TUBULAR ENCLOSED RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
27700	200W	HIT 200W/H75/PS/4K	20000	4000	68	20000	HORIZONTAL	A+	HMZ20322245	211	46	E40	12
26240	250W	HIT 250W/H75/PS/740	22000	4000	68	20000	HORIZONTAL	A	HMA25223221	211	46	E40	12
80643	350W	HIT 350W/H75/PS/740	33000	4000	68	26000	HORIZONTAL	A+	HMA35223221	292	46	E40	12
56842	400W	HIT 400W/H75/PS/740	40000	4000	68	26000	HORIZONTAL	A+	HMA40223221	285	46	E40	12
98748	400W	HIT 400W/L/LU/740	36000	4000	68	15000	UNIVERSAL	A+	HSA40223221-N	285	46	E40	12
54631	600W	HIT 600W/U/LU/740	50000	4000	68	12000	UNIVERSAL	A	HAV603222B3-N	283	76	E40	6

DOUBLE ENDED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
16786	70W	MH-DE 70W/UVS/3K	5200	3000	70	10000	HORIZONTAL	A	HSP07223221-N	117.6	20	Rx7s	25
60248	70W	MH-DE 70W/UVS/4K	5500	4200	70	10000	HORIZONTAL	A	HSP07223221-N	117.6	20	Rx7s	25
11295	150W	MH-DE 150W/UVS/3K	11250	3000	70	10000	HORIZONTAL	A	HSP15223221-N	135.4	23	Rx7s	25
74756	150W	MH-DE 150W/UVS/4K	11250	4200	70	10000	HORIZONTAL	A	HSP15223221-N	135.4	23	Rx7s	25
29963	150W	MH-DE 150W/UVS/6K	11250	6500	90	10000	HORIZONTAL	A	HSP15223221-N	135.4	23	Rx7s	25
84727	250W	MH-DE 250W/UVS/3K/Fc2	20000	3000	70	10000	HORIZONTAL	A	HSP25223221-N	163	25	Fc2	25
72748	250W	MH-DE 250W/4K/Fc2	20000	4200	70	10000	HORIZONTAL	A	HSP25223221-N	163	25	Fc2	25

G12

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
52983	70W	HIT 70W/G12/UVS/4K	5600	4200	70	10000	UNIVERSAL	A	VYC070255	110	23	G12	12
25779	150W	HIT 150W/G12/UVS/4K	14000	4200	70	10000	UNIVERSAL	A+	VYC150255	110	23	G12	12

METAL HALIDE LAMPS

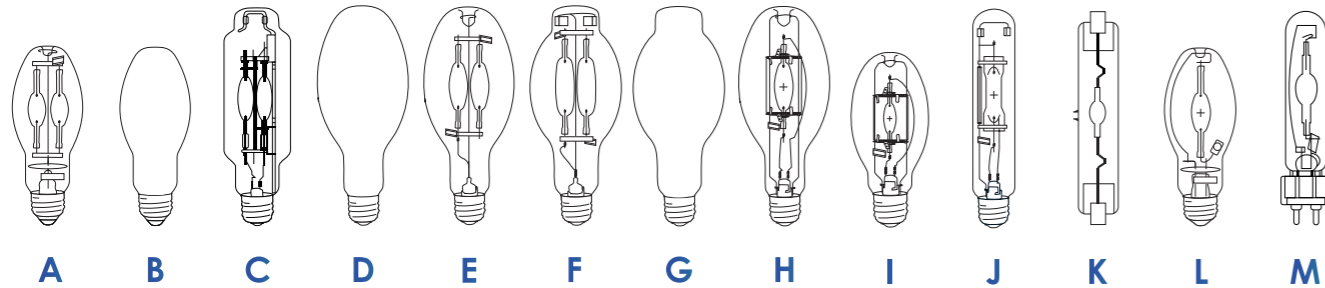
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We offer **Made To Order** options within our Metal Halide range. To see what lamps fall under this option, [visit page 23](#).

FEATURES

- Sodium-Scandium primary colour generation.
- Self-healing tungsten electrodes.
- Open rated lamps tested to ANSI C78.389.

DIAGRAM



SUSTAINABILITY

Venture Sustainability lamps utilise industry-leading Uniform arc tubes and offer greatly improved lifetime and lumen maintenance over standard lamps.

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
42318	100W	HIE 100W/U/PS+S/740	9000	4000	68	40000	UNIVERSAL	A+	HSP10223221-N	141	54	E27	12
74319	150W	HIE 150W/C/U/PS+S/737	13300	3700	70	40000	UNIVERSAL	A+	HSP15223221-N	141	54	E27	12
51637	200W	HIE 200W/C/V/PS+S/737	19000	3700	70	40000	VERTICAL	A+	HMZ20322245	215	90	E40	12
38133	250W	HIE 250W/V/PS+S/740	23800	4000	68	40000	VERTICAL	A+	HMA25223221	215	90	E40	12
25938	400W	HIE 400W/V/PS+S/740	41000	4000	68	40000	VERTICAL	A+	HMA40223221	296	120	E40	6
65982	400W	HIE 400W/C/V/PS+S/737	39000	3700	70	40000	VERTICAL	A+	HMA40223221	296	120	E40	6
27432	400W	HIT 400W/H75/T76/PS+S/740	40000	4000	68	40000	HORIZONTAL	A+	HMA40223221	283	76	E40	6

METAL HALIDE LAMPS ELECTRONIC BALLAST

Uniform lamps tailored for exceptional performance when used with high-frequency electronic ballasts. Also compatible with magnetic control gear.

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
22591	320W	HIPE 320W/V/E90/UVS/EL/PS/740	31000	4000	68	30000	VERTICAL	A+	215	90	E40	12
49786	320W	HIPE 320W/V/UVS/EL/PS/740	31000	4000	68	30000	VERTICAL	A+	296	120	E40	6
10057	350W	HIPE 350W/C/V/UVS/EL/PS/737	33000	3700	70	30000	VERTICAL	A+	296	120	E40	6
10041	400W	HIPE 400W/C/V/UVS/EL/PS/737	40000	3700	70	30000	VERTICAL	A+	296	120	E40	6
10015	400W	HIPE 400W/V/UVS/EL/PS/740	41000	4000	68	30000	VERTICAL	A+	296	120	E40	6
65489	400W	HIPE 400W/V/E90/UVS/EL/PS/740	41000	4000	68	30000	VERTICAL	A+	215	90	E40	12
74517	450W	HIPE 450W/C/V/UVS/EL/PS/737	45000	3700	70	30000	VERTICAL	A+	296	120	E40	6
47224	450W	HIPE 450W/BU/UVS/EL/PS/740	47000	4000	68	30000	VERTICAL	A+	296	120	E40	6

DUAL METAL HALIDE LAMPS

Dual lamps operate from both mercury control gear with 2-wire ignitors and sodium control gear with high voltage ignitors.

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00320	250W	HIT 250W/HOR/DU/4.5K	21250	4500	68	15000	HORIZONTAL	A	HSP25223221-N HMA25223221	245	46	E40	12
00326	250W	HIE 250W/C/V/DU/4.5K	20000	4500	70	15000	VERTICAL	A	HSP25223221-N HMA25223221	215	90	E40	12
00321	400W	HIT 400W/HOR/DU/4.5K	36000	4500	68	15000	HORIZONTAL	A+	HSA40223221-N HMA40223221	285	46	E40	12
00327	400W	HIE 400W/C/V/DU/4.5K	34000	4500	70	15000	VERTICAL	A	HSA40223221-N HMA40223221	296	120	E40	6

DESIGNER COLOUR LAMPS

Designer Colour lamps produce a monochrome light for decorative and architectural purposes.

PART NO.	WATTAGE	DESCRIPTION	COLOUR	DOMINANT WAVELENGTH	% SATURATION	LIFE	POSITION	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00177	70W	MH-DE 70W/UVS/BDX	BLUE	462	77	5000	HORIZONTAL	HSP07223221-N	117.6	20	Rx7s	12
00183	70W	HIT 70W/G12/UVS/BDX	BLUE	462	77	3000	UNIVERSAL	HSP07223221-N	110	23	G12	12
33051	150W	HIE 150W/LU/BDX	BLUE	462	77	5000	UNIVERSAL	HSP15223221-N	141	54	E27	12
33496	150W	MH-DE 150W/UVS/BDX	BLUE	462	77	5000	HORIZONTAL	HSP15223221-N	135.4	23	Rx7s	12
33851	150W	MH-DE 150W/UVS/GDX	GREEN	535	46	5000	HORIZONTAL	HSP15223221-N	135.4	23	Rx7s	12
84684	150W	HIT 150W/G12/UVS/BDX	BLUE	462	77	5000	UNIVERSAL	HSP15223221-N	110	23	G12	12
64390	400W	HIT 400W/U/EURO/GDX	GREEN	535	46	8000	UNIVERSAL	HMA40223221	285	46	E40	12
88342	400W	HIT 400W/U/EURO/BDX	BLUE	462	77	8000	UNIVERSAL	HMA40223221	285	46	E40	12

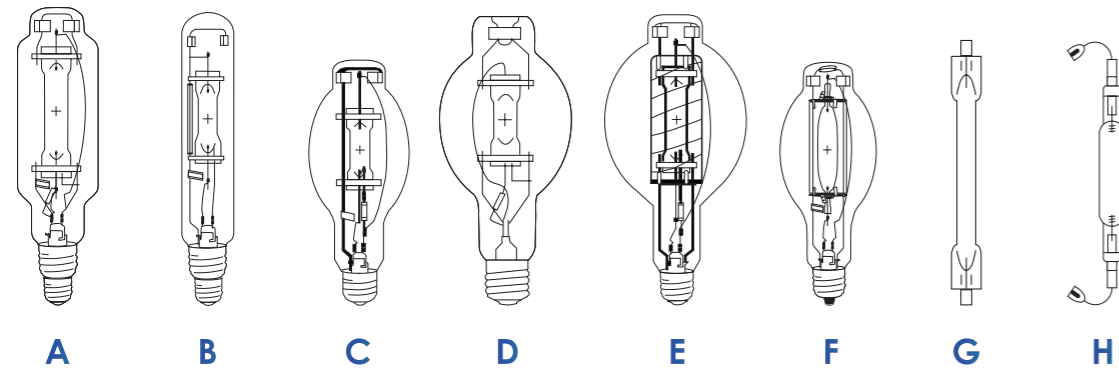
HIGH WATTAGE

High Wattage Quartz Metal Halide lamps for outdoor lighting provide the highest lumen package from a compact space.

FEATURES

- Perfect for outdoor environments such as sports and flood lighting.

DIAGRAM



BALLAST

*1 | 415 VOLT INPUT

*2 | 240 VOLT INPUT

TUBULAR

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00066	2000W	HIT 2000W/U/4K Plus	230000	4200	68	5000	UNIVERSAL	A+	HMV943383 *1	420	100	E40	6
00083	1000W	HIT 1000W/U/LU/750	80000	5000	68	8000	UNIVERSAL	A	HDV003212 *2	340	76	E40	6
00008	1000W	HIT 1000W/U/EURO/4K	90000	4000	68	8000	UNIVERSAL	A+	HQV00224 *2	340	76	E40	6
00336	1000W	HIT 1000W/HOR/4.5K	85000	4300	68	8000	HORIZONTAL	A	HQV00224 *2	340	76	E40	6
00396	1000W	HIT 1000W/HOR/DU/4.5K	85000	4300	68	8000	HORIZONTAL	A	HQV00224 *2	380	65	E40	6
83265	1000W	HIT 1000W/U/LU/740	90000	4000	68	8000	UNIVERSAL	A+	HDV003212 *2	340	76	E40	6

ELLIPTICAL

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
15332	1000W	MH 1000W/U/BT37	110000	4000	65	12000	UNIVERSAL	A+	HMM043383 *1	292	120	E39	6
16419	1650W	MS 1650W/HOR/SPORT 60	177000	3200	70	3000	HORIZONTAL	A+	-	391	180	EP39	6
18360	1500W	MH 1500W/HBU	161000	3400	65	3000	BASE UP	A+	HMV022383 *1	391	180	E39	6
46109	1000W	HIE 1000W/U/4K	110000	4000	68	12000	UNIVERSAL	A+	HMM043383 *1	395	180	E40	6
46423	1000W	HIE 1000W/U/BT120/4K	105000	4000	68	12000	UNIVERSAL	A+	HMM043383 *1	296	120	E40	6
72051	1000W	MH 1000W/U	110000	4000	65	12000	UNIVERSAL	A+	HMM043383 *1	391	180	E39	6

ELLIPTICAL OPEN RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
73452	1000W	HIPE 1000W/BU/735	107000	3500	65	12000	BASE UP ±15°	A+	HMM043383 *1	395	180	E40	6
87588	875W	HIPE 875W/BU/PS/4K	95000	4000	68	20000	BASE UP ±15°	A+	SHQ877232EG *2	296	120	E40	6

DOUBLE ENDED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
22132	2000W	MBIL S 2000W	215000	5200	65	6000	HORIZONTAL	A+	HZP944K384V2 *1	311	25	Rx7s	6
22151	1500W	MBIL S 1500W	130000	5200	65	6000	HORIZONTAL	A	HMV022383 *1	256	20	Rx7s	6
22417	1000W	MBIL S 1000W	80000	5200	65	6000	HORIZONTAL	A	HMM043383 *1	256	15	Rx7s	6
22813	2000W	MH-TS 2000W/XL/K12/745	240000	4500	68	8000	HORIZONTAL	A+	HZP944K384V2 *1	298	29	LUG	2
84203	2000W	MH-TS 2000W/L/K12/4K	240000	4500	68	5000	HORIZONTAL	A+	HZP944K384V2 *1	270	29	LUG	2

HPS LAMPS

HPS **Elite** High Pressure Sodium lamps offer outstanding luminous efficacy, lumen maintenance and long life, thus reducing energy and maintenance costs.

Venture's xenon-fill sodium resistant ceramic arc tubes maintain slow voltage rise over lamp lifetime of up to 45,000 Hrs.

Rugged monolithic arc tube with integrated starting aid for higher reliability.

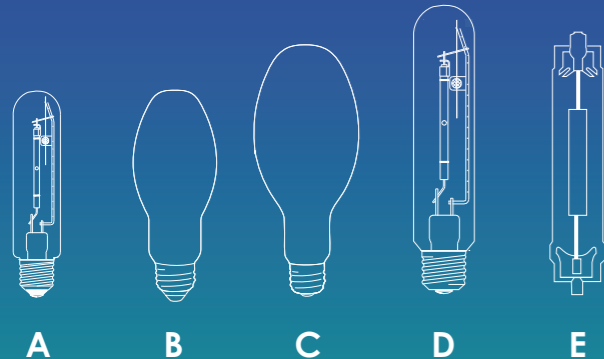
FEATURES

- Robust and rugged construction.
- Compatible with both magnetic and electronic ballasts.
- Lifetime of up to **45,000 Hrs.**



45,000
Hours

DIAGRAM



We offer **Made To Order** options within our HPS Lamp range. To see what lamps fall under this option, [visit page 23.](#)



HPS ELITE LAMPS

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00805	70W	HPSE.70W/E27/ELITE	6000	2100	20	40000	UNIVERSAL	A	HSP07223221-N	156	72	E27	12
00806*	70W	HPSE.70W/IG/E27/ELITE	6000	2100	20	40000	UNIVERSAL	A	HSP07223221-N	156	72	E27	12

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00800	70W	HPST.70W/E27/ELITE	6600	2100	20	40000	UNIVERSAL	A+	HSP07223221-N	156	39	E27	12
00801	100W	HPST.100W/E40/ELITE	10700	2100	20	40000	UNIVERSAL	A+	HSP10223221-N	211	48	E40	12
00802	150W	HPST.150W/E40/ELITE	17500	2100	20	45000	UNIVERSAL	A+	HSP15223221-N	211	48	E40	12
00803	250W	HPST.250W/E40/ELITE	33200	2100	20	45000	UNIVERSAL	A+	HSP25223221-N	260	48	E40	12
00804	400W	HPST.400W/E40/ELITE	56500	2100	20	45000	UNIVERSAL	A+	HSA40223221-N	292	48	E40	12

HPS LAMPS

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00444	50W	HPSE.50W/E27/HO	3500	2000	25	28000	UNIVERSAL	A	HSZ57223221-N	156	72	E27	12
00400	70W	HPSE.70W/E27/HO	6000	2000	20	28000	UNIVERSAL	A	HSP07223221-N	156	72	E27	12
00405*	70W	HPSE.70W/IG/E27/HO	6000	2000	25	32000	UNIVERSAL	A	HSP07223221-N	156	72	E27	12
00401	100W	HPSE.100W/E40/HO	10000	2000	20	28000	UNIVERSAL	A+	HSP10223221-N	186	76	E40	12
00402	150W	HPSE.150W/E40/HO	16000	2000	20	28000	UNIVERSAL	A+	HSP15223221-N	227	91	E40	12
00403	250W	HPSE.250W/E40/HO	29000	2000	20	28000	UNIVERSAL	A+	HSP25223221-N	227	91	E40	12
00404	400W	HPSE.400W/E40/HO	53000	2000	20	28000	UNIVERSAL	A+	HSA40223221-N	282	122	E40	6

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00443	50W	HPST.50W/E27/HO	4000	2000	25	28000	UNIVERSAL	A	HSZ57223221-N	156	38	E27	12
00168	70W	HPST.70W/E27/HO	6500	2000	25	32000	UNIVERSAL	A+	HSP07223221-N	156	38	E27	12
00407*	70W	HPST.70W/IG/E27/HO	6300	2000	25	28000	UNIVERSAL	A+	HSP07223221-N	156	38	E27	12
00435	70W	HPST.70W/E27/HO/4Y	6500	2000	25	32000	UNIVERSAL	A+	HSP07223221-N	156	38	E27	12
00169	100W	HPST.100W/E40/HO	10200	2000	25	32000	UNIVERSAL	A+	HSP10223221-N	211	46	E40	12
00170	150W	HPST.150W/E40/HO	17200	2000	25	32000	UNIVERSAL	A+	HSP15223221-N	211	46	E40	12
00171	250W	HPST.250W/E40/HO	33000	2000	25	32000	UNIVERSAL	A+	HSP25223221-N	260	46	E40	12
00172	400W	HPST.400W/E40/HO	56000	2000	25	32000	UNIVERSAL	A+	HSA40223221-N	278	46	E40	12
00173	600W	HPST.600W/E40/HO	90000	2000	25	32000	UNIVERSAL	A+	HAV603222B3-N	285	46	E40	12
00042	600W	HPST.600W/E40	78000	2000	25	24000	UNIVERSAL	A+	HAV603222B3-N	285	46	E40	12
00041	1000W	HPST.1000W/E40	135000	2000	25	24000	UNIVERSAL	A+	HDV003212	340	67	E40	6

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00445	70W	HPS-DE.70W/Rx7s/HO	6300	2000	25	28000	UNIVERSAL	A+	HSP07223221-N	114	20	Rx7s	12
00446	150W	HPS-DE.150W/Rx7s/HO	16500	2000	25	28000	UNIVERSAL	A+	HSP15223221-N	132	23	Rx7s	12

*These lamps have a built in Ignitor.

ELECTRONIC BALLASTS

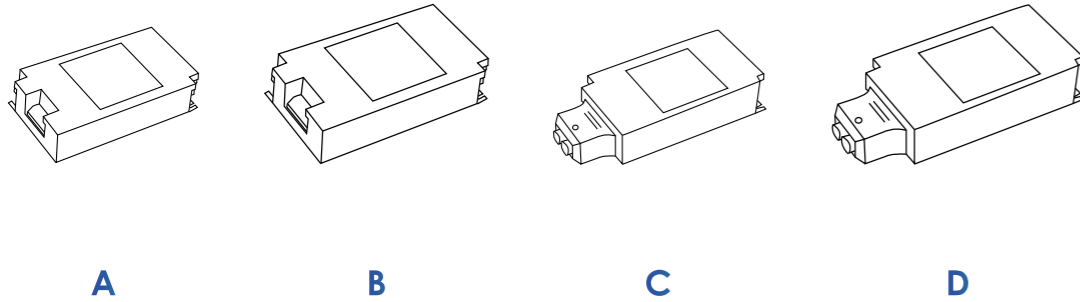
Ventronic Electronic ballasts are available with Part Night and DALI dimming options for street lighting applications.

We offer **Made To Order** options within our Electronic Ballast range. To see what Electronic Ballasts fall under this option, [visit page 25](#).

FEATURES

- Operate Ceramic Metal Halide, Quartz Metal Halide and HPS lamps.
- Short circuit protection.
- Thermal overload protection.

DIAGRAM

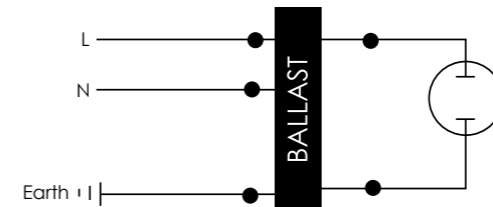


PUSH FIT TERMINAL

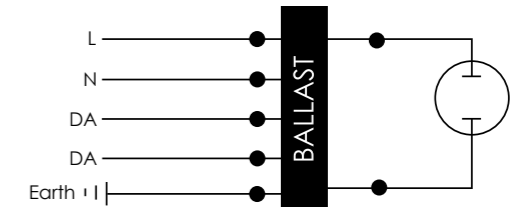
PART NO.	WATTAGE	DESCRIPTION	CIRCUIT WATTS	LAMP FREQUENCY (Hz)	MAX DISTANCE TO LAMP (m)	PART NIGHT	DALI	SURGE PROTECTION (kV)
VYB050255	50W	50W STD SQUARE TERMINAL BLOCK	56	200	0.5	NO	NO	1
VYB060255	60W	60W STD SQUARE TERMINAL BLOCK	66	210	0.5	NO	NO	1
VYB070255	70W	70W STD SQUARE TERMINAL BLOCK	79	210	0.5	NO	NO	1
VYB070PN0-6K	70W	70W STD SQUARE T/BLOCK 6K - UN-TIMED	79	210	0.5	YES	YES	6
VYB090255	90W	90W STD SQUARE TERMINAL BLOCK	99	210	0.5	NO	NO	1
VYB100255	100W	100W STD SQUARE TERMINAL BLOCK	110	210	0.5	NO	NO	1
VYB100PN0-6K	100W	100W STD SQUARE T/BLOCK -6K - UN-TIMED	110	210	0.5	YES	YES	6
VYB150255	150W	150W STD SQUARE TERMINAL BLOCK	161	210	0.5	NO	NO	1
VYB150PN0-6K	150W	150W STD SQUARE T/BLOCK - 6K - UN-TIMED	161	210	0.5	YES	YES	6

CABLE CLAMP

PART NO.	WATTAGE	DESCRIPTION	CIRCUIT WATTS	LAMP FREQUENCY (Hz)	MAX DISTANCE TO LAMP (m)	PART NIGHT	DALI	SURGE PROTECTION (kV)
VYC035255	35W	35W STD SQUARE CABLE	45	210	0.5	NO	NO	1
VYC070255	70W	70W STD SQUARE CABLE	79	210	0.5	NO	NO	1
VYC100255	100W	100W STD SQUARE CABLE	110	210	0.5	NO	NO	1
VYC150255	150W	150W STD SQUARE CABLE	161	210	0.5	NO	NO	1



WIRING STANDARD



WIRING DALI

BALLASTS

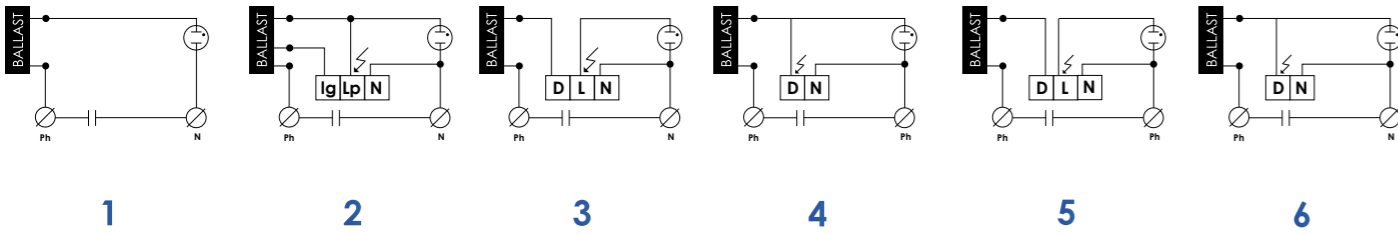
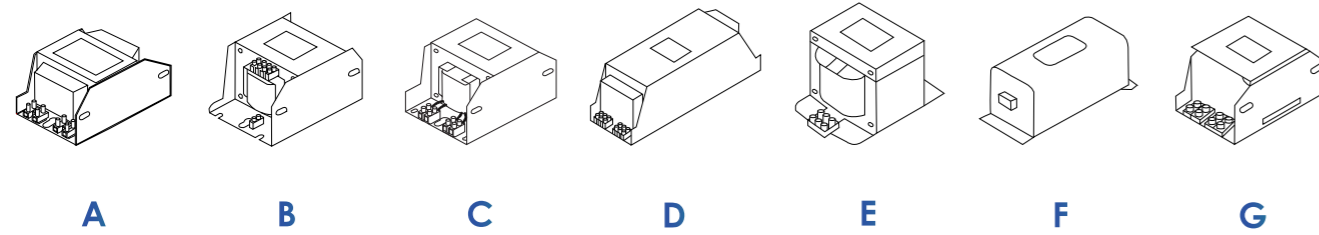
All Ballasts in the range are precision wound to provide the best possible thermal and electrical durability.

We offer **Made To Order** options within our Ballast range. To see what Ballasts fall under this option, visit [page 24 + 25](#).

FEATURES

- Full ErP compliant range.
- High grade thermal protection.

DIAGRAM



MAGNETIC BALLASTS FOR MERCURY AND METAL HALIDE

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	DIMENSIONS LxWxH (mm)	IGNITOR	CAPACITOR	CIRCUIT	CUT OUT
MP127K232-N	125W	1.15	230/240	50Hz	0.65	143	70	140	120x69x56	NONE	10 μF /250V	1	NO
HMA25223221	250W	2.15	230/240	50Hz	1.28	277	70	140	127x87x82	MCi6	20 μF /250V	2	YES
HMA40223221	400W	3.25	230/240	50Hz	2.01	430	75	140	167x87x72	MCi6	25 μF /250V	2	YES

MAGNETIC BALLASTS FOR HPS AND METAL HALIDE LAMPS

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	DIMENSIONS LxWxH (mm)	IGNITOR	CAPACITOR	CIRCUIT	CUT OUT
HSP03723221-N	35W	0.54	230/240	50Hz	0.45	41	70	140	120x69x56	MCi6	6 μF /250V	2	YES
HSP05223221-N	50W	0.76	230/240	50Hz	0.45	58	70	140	120x69x56	MCi6	8 μF /250V	2	YES
HSP07223221-N	70W	1.0	230/240	50Hz	0.5	82	70	140	120x69x56	MCi6	10 μF /250V	2	YES
HSA07223221-N	70W	1.0	230/240	50Hz	0.5	82	75	140	140x77x57	MCi6	10 μF /250V	2	YES
HSP10223221-N	100W	1.1	230/240	50Hz	0.55	115	75	140	100x69x57	MCi6	12 μF /250V	2	YES
HSZ10322221-N	100W	1.1	230/240	50Hz	0.54	115	75	140	100x69x57	PAE400255	12 μF /250V	3	YES
HSA10223221-N	100W	1.1	230/240	50Hz	0.6	114	75	140	140x77x57	MCi6	12 μF /250V	2	YES
HSZ15322221-N	150W	1.8	220/230/240/250	50Hz	0.9	167	75	140	160x77x66	PAE400255	20 μF /250V	3	YES
HSZ16322221-N	150W	1.8	230/240	50Hz	0.9	167	75	140	140x77x57	PAE400255	20 μF /250V	3	YES
HSP15223221-N	150W	1.8	230/240	50Hz	0.9	167	75	140	160x77x66	MCi6	20 μF /250V	2	YES
HSA25223221-N	250W	3.0	230/240	50Hz	1.6	278	75	140	150x96x81	MCi6	30 μF /250V	2	YES
HSP25223221-N	250W	3.0	230/240	50Hz	1.5	277	75	140	127x87x72	MCi6	30 μF /250V	2	YES
HSZ25322221-N	250W	3.0	220/230/240/250	50Hz	1.7	277	75	140	127x87x72	PAE400255	30 μF /250V	3	YES
HAA40223221-N	400W	4.5	230/240	50Hz	2.7	443	75	140	150x108x92	MCi6	40 μF /250V	2	YES
HSA40223221-N	400W	4.5	230/240	50Hz	2.8	443	75	140	150x108x92	MCi6	40 μF /250V	2	YES
HSP40223221-N	400W	4.5	230/240	50Hz	10.5	443	75	140	167x87x72	MCi6	40 μF /250V	2	YES

HIGH WATTAGE MAGNETIC BALLASTS

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	DIMENSIONS LxWxH (mm)	IGNITOR	CAPACITOR	CIRCUIT	CUT OUT
HDV003212	1000W	10.3	210/220/230/240	50Hz	5	1080	80	140	177x150x126	PXE000255	2 x 50 μF /250V	3	NO
HMM043383	1000W	4.1/4.4	380/400/415	50Hz	2.7	1035	70	130	166x107x109	PBA200485*	15 μF /440V	4	NO
HMV022383	1500W	6.7	380/400/415	50Hz	4.8	1580	60	140	215x150x126	PT150K445	30 μF /440V	5	NO
HMV943383	2000W	8.8	380/400/415	50Hz	5.6	2085	65	140	215x150x126	PXE150485	40 μF /440V	5	NO
HZP944K384V2	2000W	10.3	380/400/415/430	50Hz	6	2105	75	140	277x124x103	PT150K445	EA0450381500000	5	NO
HZV943383	2000W	10.3	380/400/415	50Hz	6	2105	75	140	215x150x126	PT150K445	EA0450381500000	5	NO

*Low voltage Ignitor, check lamp compatibility.

MAGNETIC BALLASTS FOR SOX LAMPS

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	DIMENSIONS LxWxH (mm)	IGNITOR	CAPACITOR	CIRCUIT	CUT OUT
SZ355K245-N	35/55W	0.6/0.59	240	50Hz	0.22/0.31	48/68	70	140	121x68x56	PB035K245	6 μF /250V	6	NO
SZ090K245-N	90W	0.94	240	50Hz	0.65	104	70	140	120x69x56	PB090K245	8 μF /250V	6	NO

IGNITORS

220/230/240V

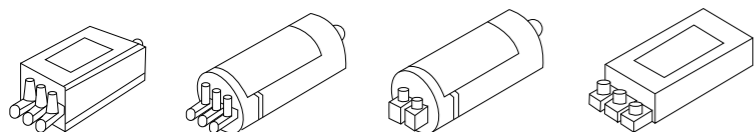
PART NO.	WATTAGE	DESCRIPTION	TYPE	LAMP CURRENT	PEAK PULSE (kV)	DISTANCE TO LAMP (m)	
MCI6	35-600W	35-600W MH/100W-600W HPS S/P 220V/240V 50Hz	SEMI - PARALLEL	-	3.0 - 4.5	10	D
PXA070255	35-70W	35W-70W HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	2	1.8 - 2.3	2	A
PB070K255	50-70W	50W-70W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	1.8 - 2.3	25	B
PCX070255	35-70W	35W-70W HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	2	1.8 - 2.3	2	B
PXE070255	35-70W	35W-70W HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	2	1.8 - 2.3	2	A
PXE100255	35-400W	35W-400W HPS/35W-450W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	2	3.0 - 4.5	2	A
PB019K255	150W	150W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0 - 4.5	30	B
PAE400255	35-400W	35W-400W MH/100W-400W HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	5	3.0 - 4.5	1	B
PCX400255	100-400W	100W-400W HPS/70W-400W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	5	3.0 - 4.5	1	B
PB404K255	250/400W	250W/400W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0 - 4.5	30	B
PJ404K255	250/400W	250W/400W IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0 - 4.5	30	B
PB000K255	1000W	1000W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0 - 4.5	50	B
PJ000K255	1000W	1000W HPS IMP 220V-240V 50Hz/60Hz	IMPULSER	-	3.0 - 4.5	50	B
PXA000255	1000W	1000W MH/HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	11	3.5 - 5.0	1	A
PXE000255	1000W	1000W MH/HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	11	3.0 - 5.0	1	A
PBA003255D1	600/1000W	600W/1000W MH/HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	12	3.5 - 4.5	10	B

380/400/415V

PART NO.	WATTAGE	DESCRIPTION	TYPE	LAMP CURRENT	PEAK PULSE (kV)	DISTANCE TO LAMP (m)	
PB500K445	1000/2000W	1000W/2000W MH IMP 380V/440V 50Hz/60Hz	IMPULSER	-	3.5 - 5.0	50	B
PBA200485	1000/2000W	1000W/2000W MH SIP 380V/440V 50Hz/60Hz	2 WIRE PARALLEL	-	1.0 - 1.5	100	C
PT150K445	1500/2000W	1500W-2000W MH SIP 380V/440V 50Hz/60Hz	SUPERIMPOSED	12	5.0 - 6.0	2	B
PXE150485	2000W	2000W MH SIP 380V/440V 50Hz/60Hz	SUPERIMPOSED	12	4.0 - 5.0	1.5	B

IGNITORS FOR SOX

PART NO.	WATTAGE	DESCRIPTION	TYPE	LAMP CURRENT	PEAK PULSE (kV)	DISTANCE TO LAMP (m)	
PB035K245	35W	35W SOX SIP 220V/240V 50Hz/60Hz	2 WIRE PARALLEL	-	0.7 - 0.9	50	C
PB055K245	35/55W	35W/55W SOX SIP 240V 50Hz/60Hz	2 WIRE PARALLEL	-	0.7 - 1.0	50	C
PB090K245	90W	90W SOX SIP 240V 50Hz/60Hz	2 WIRE PARALLEL	-	0.7 - 1.0	50	C



A

B

C

D

We offer **Made To Order** options within our Ignitor range. To see what Ignitors fall under this option, [visit page 26](#).

CAPACITORS

250V

PART NO.	CAPACITANCE ±10%	DISCHARGE RESISTOR	CASE MATERIAL	TERMINATION	LEAD LENGTH (mm)	PROTECTED	DIMENSIONS LxD (mm)	FIXING THREAD	TEMPERATURE (°C)	
R1008HP040P25	4	YES	PLASTIC	LEADS	300	NO	56 x 25	M8	-25 +85	A
R1008HP050P25	5	YES	PLASTIC	LEADS	300	NO	56 x 25	M8	-25 +85	A
R1008HP060P25	6	YES	PLASTIC	LEADS	300	NO	70 x 25	M8	-25 +85	A
R1008HP084P25	8.4	YES	PLASTIC	LEADS	300	NO	74 x 30	M8	-25 +85	A
R1008HP100P25M	10	YES	PLASTIC	LEADS	300	NO	74 x 30	M8	-25 +85	A
R1008HP160P25	16	YES	PLASTIC	LEADS	300	NO	74 x 35	M8	-25 +85	A
R1008HP200P25M	20	YES	PLASTIC	LEADS	300	NO	70 x 40	M8	-25 +85	A
R1008HP250P25	25	YES	PLASTIC	LEADS	300	NO	90 x 34	M8	-25 +85	A
R1008HP300P25M	30	YES	PLASTIC	LEADS	300	NO	94 x 40	M8	-25 +85	A
R1008HP400P25	40	YES	PLASTIC	LEADS	300	NO	94 x 40	M8	-25 +85	A
R1008HP450P25	45	YES	PLASTIC	LEADS	300	NO	98 x 50	M8	-25 +85	A
R1008HP500P25	50	YES	PLASTIC	LEADS	300	NO	98 x 50	M8	-25 +85	A

440/450V

PART NO.	CAPACITANCE ±10%	DISCHARGE RESISTOR	CASE MATERIAL	TERMINATION	LEAD LENGTH (mm)	PROTECTED	DIMENSIONS LxD (mm)	FIXING THREAD	TEMPERATURE (°C)	
R1008HP068P45	6.8	YES	PLASTIC	LEADS	300	NO	74 x 35	M8	-25 +85	A
R1008HP150P45	15	YES	PLASTIC	LEADS	300	NO	98 x 35	M8	-25 +85	A
R1008HP200P45	20	YES	PLASTIC	LEADS	300	NO	94 x 40	M8	-25 +85	A
R1008HP250P45	25	YES	PLASTIC	LEADS	300	NO	94 x 50	M8	-25 +85	A
R1008HP400P40	40	YES	PLASTIC	LEADS	300	NO	120 x 55	M8	-25 +85	A
R1008HP450P45N3	45	YES	PLASTIC	LEADS	1000	NO	120 x 55	M8	-25 +85	A
R1008HP500P45	50	YES	PLASTIC	LEADS	300	NO	120 x 55	M8	-25 +85	A
EA0450381500000	60	YES	ALUMINIUM	SPADE TERMINAL	NA	YES	140 x 70	M12	-25 +85	B



A



B

We offer **Made To Order** options within our Capacitor range. To see what Capacitors fall under this option, [visit page 26](#).

MADE TO ORDER

We offer extra Made To Order options within most of our HID ranges, please see below.

METAL HALIDE LAMPS | ELLIPTICAL OPEN RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
38467	200W	HIPE 200W/C/V/PS+S/737	17100	3700	70	40000	VERTICAL	A	HMZ20322245	215	90	E40	12

METAL HALIDE LAMPS | ELLIPTICAL ENCLOSED RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
86501	70W	MHL 70W/U/ED28/PS/740	5600	4000	68	40000	UNIVERSAL	A	HSP07223221-N	211	90	E39	12
59372	125W	HIE 125W/C/HBD/4K	12000	3700	70	12000	BASE DOWN	A+	MZ128K22245-N	141	54	E27	12
88247	200W	HIE 200W/U/PS/4K	21000	4000	68	20000	UNIVERSAL	A+	HMZ20322245	215	90	E40	12
91947	250W	HIE 250W/C/H75/PS/4K	20000	3700	70	26000	HORIZONTAL	A	HMA25223221	215	90	E40	12
63958	400W	HIE 400W/C/HOR/EURO/4K	38000	3700	70	15000	HORIZONTAL	A+	HMA40223221	296	120	E40	6
51229	400W	HIE 400W/C/V/LU+S/737	42000	3700	70	40000	VERTICAL	A+	HAA40223221-N	292	120	E40	6

METAL HALIDE LAMPS | TUBULAR OPEN RATED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
30198	250W	HIPT 250W/BU/T76/PS+S/740	23800	4000	68	40000	BASE UP	A+	HMA25223221	296	76	E40	6
58124	250W	HIPT 250W/C/BU/T76/PS+S/737	22600	3700	70	40000	BASE UP	A+	HMA25223221	296	76	E40	6
15942	320W	HIPT 320W/C/BU/T76/PS+S/737	27500	3700	70	40000	BASE UP	A	JHV32322245	296	76	E40	6

METAL HALIDE LAMPS | DOUBLE ENDED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
79470	70W	HM-DE 70W/UVS/6K	4800	6500	90	10000	HORIZONTAL	A	HSP07223221-N	117.6	20	Rx7s	12

METAL HALIDE LAMPS | G12

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
12106	150W	HIT 150W/G12/UVS/3K	14000	3000	70	10000	UNIVERSAL	A+	HSP15223221-N	110	23	G12	12

HPS LAMPS

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00318	50W	HPST.50W/E27/TWIN/HO	4000	2000	25	40000	UNIVERSAL	A	HSZ57223221-N	156	38	E27	12
00319	50W	HPSE.50W/E27/TWIN/HO	3500	2000	25	40000	UNIVERSAL	A	HSZ57223221-N	156	72	E27	12
00342	70W	HPST.70W/E27/TWIN/HO	6300	2000	25	40000	UNIVERSAL	A+	HSP07223221-N	156	38	E27	12

HPS LAMPS CONTINUED

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00348	70W	HPSE.70W/E27/TWIN/HO	6000	2000	20	40000	UNIVERSAL	A	HSP07223221-N	156	72	E27	12
00343	100W	HPST.100W/E40/TWIN/HO	10200	2000	25	40000	UNIVERSAL	A+	HSP10223221-N	211	46	E40	12
00344	150W	HPST.150W/E40/TWIN/HO	16500	2000	25	40000	UNIVERSAL	A+	HSP15223221-N	211	46	E40	12
00350	150W	HPSE.150W/E40/TWIN/HO	16000	2000	20	40000	UNIVERSAL	A+	HSP15223221-N	227	91	E40	12
00345	250W	HPST.250W/E40/TWIN/HO	33000	2000	25	40000	UNIVERSAL	A+	HSP25223221-N	260	46	E40	12
00346	400W	HPST.400W/E40/TWIN/HO	56000	2000	25	40000	UNIVERSAL	A++	HSA40223221-N	278	46	E40	12
00352	400W	HPSE.400W/E40/TWIN/HO	53000	2000	20	40000	UNIVERSAL	A+	HSA40223221-N	282	122	E40	6
00347	600W	HPST.600W/E40/TWIN/HO	90000	2000	25	40000	UNIVERSAL	A++	HAV603222B3-N	285	46	E40	12

DESIGNER COLOUR LAMPS

PART NO.	WATTAGE	DESCRIPTION	COLOUR	DOMINANT WAVELENGTH	% SATURATION	LIFE	POSITION	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
00184	70W	HIT 70W/G12/UVS/GDX	GREEN	535	46	3000	UNIVERSAL	HSP07223221-N	110	23	G12	12
26786	150W	HIT 150W/G12/UVS/GDX	GREEN	535	46	5000	UNIVERSAL	HSP15223221-N	110	23	G12	12
00239	400W	HIT 400W/U/LU/BDX	BLUE	462	60	5000	UNIVERSAL	HSA40223221-N	285	46	E40	12

DUAL LAMPS

PART NO.	WATTAGE	DESCRIPTION	LUMENS	CCT	CRI	LIFE	POSITION	ErP	BALLAST	LENGTH (mm)	DIAMETER (mm)	BASE	BOX QTY
35622	400W	HIT 400W/U/DU/5K	31000	4900	75	15000	UNIVERSAL	A	HSA40223221-N / HMA40223221	285	46	E40	12
55823	250W	HIT 250W/U/DU/5K	18000	4900	75	10000	UNIVERSAL	A	HSP25223221-N / HMA25223221	225	46	E40	12

BALLASTS

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	IGNITOR	CAPACITOR	CUT OUT
HSZ57223221-N	50/70W	0.76/1	230/240	50Hz	0.35/0.45	58/82	75	140	MCi6	8/10 μF /250V	YES
HSA072232-N	70W	1.0	230/240	50Hz	0.5	82	70	140	MCi6	10 μF /250V	NO
HSV07322221-N	70W	1.0	220/230/240/250	50Hz	0.5	82	70	140	PAE400255	10 μF /250V	YES
HSZ07322221-N	70W	1.0	220/230/240/250	50Hz	0.5	82	70	140	PAE400255	10 μF /250V	YES
HSG07322221-N	70W	1.0	220/230/240/250	50Hz	0.5	82	70	140	PAE400255	10 μF /250V	YES
MG080A245-N	80W	0.8	240	50Hz	0.5	91	70	140	-	8 μF /250V	NO
SL092K224-N	90W	0.94	220/240	50Hz	0.58	103	65	130	PB090K245	25 μF /250V	NO
HSA102232-N	100W	1.2	230/240	50Hz	0.5	114	75	140	MCi6	12 μF /250V	NO
MZ128K22245-N	125W	1.15	220/230/240	50Hz	0.8	143	70	140	-	10 μF /250V	NO
ATV163222B3-N	150W	1.8	220/230/240	50Hz	0.6	167	75	140	PAE400255	20 μF /250V	YES

MADE TO ORDER

We offer extra Made To Order options within most of our HID ranges, please see below.

BALLASTS CONTINUED

PART NO.	WATTAGE	LAMP CURRENT	LINE VOLTS	LINE FREQUENCY	LINE CURRENT	LINE WATTS	ΔT	TW	IGNITOR	CAPACITOR	CUT OUT
HMZ20322245	200W	1.6	220/230/240	50Hz	1.0	217	60	140	PAE400255	12 μF /250V	NO
JDV26322221-N	250W	3.0	220/230/240/250	50Hz	1.5	277	75	140	PAE400255	30 μF /250V	YES
HDM255202-N	250W	3.0	200-250	50Hz	1.5	277	75	130	PAE400255	30 μF /250V	NO
HDN25520221-N	250W	3.0	200-250	50Hz	1.5	277	75	130	PAE400255	30 μF /250V	YES
JHV32322245	320W	2.6	220/230/240/250	50Hz	1.8	347	55	140	PAE400255	20 μF /250V	NO
JHV35322245	350W	2.8	220/230/240	50Hz	1.8	374	65	140	PAE400255	20 μF /250V	NO
HMA352232	350W	2.8	230/240	50Hz	1.8	377	70	140	MCI6	20 μF /250V	NO
HMA35223221	350W	2.8	230/240	50Hz	1.8	377	70	140	MCI6	20 μF /250V	YES
JH3540235	350/400W	2.8/3.2	230	50Hz	1.8/2.0	374/430	60/70	140	PAE400255	20/25 μF /250V	NO
JHV413222B3	400W	3.2	220/230/240	50Hz	2.0	430	80	140	PAE400255	25 μF /250V	YES
SHW40322245-N	400W	3.2	220/230/240	50Hz	2.3	444	90	140	-	28 μF /400V	NO
JAV41322221-N	400W	4.5	220/230/240/250	50Hz	2.5	443	75	140	PAE400255	40 μF /250V	YES
HSN41322221-N	400W	4.5	220/230/240/250	50Hz	2.6	443	75	130	PAE400255	40 μF /250V	YES
HMP402232DM	400W	3.2	230/240	50Hz	2.0	430	75	140	MCI6	25 μF /250V	NO
EMV405202	400W	3.2	200-250	50Hz	1.9	425	75	140	PAE400255	25 μF /250V	NO
HMP402232BE	400W	3.2	230/240	50Hz	2	430	75	140	MCI6	25 μF /250V	NO
HMP402232BH	400W	3.2	230/240	50Hz	2	430	75	140	MCI6	25 μF /250V	NO
HAV603222B3-N	600W	6.2	220/230/240	50Hz	2.9	652	80	140	PXE000255	60 μF /250V	YES
SHQ877232EG	875W	4.5	230/240	50Hz	4.5	930	90	140	BVS002	26 μF /525V	NO
HIB00322245	1000W	8.2	220/230/240	50Hz	5.1	1080	65	130	PXE000255	2x35 μF /250V	NO
MM003K222	1000W	7.5	220/230/240/250	50Hz	5.0	1040	75	130	PXE000255	50 μF /250V	NO
HSV043383	1000W	5.7	380/400/415	50Hz	3.0	1090	60	140	PXE150485	30 μF /440V	NO
HQV002224	1000W	8.2	220/240	50Hz	5.1	1080	65	140	PXE000255	2x35 μF /250V	NO
HZK944K384V2	2000W	10.3	380/400/415/430	50Hz	6.1	2105	80	140	PT150K445	60 μF /440V	NO
HZV944384V2	2000W	10.3	380/400/415/430	50Hz	6	2105	75	140	PT150K445	60 μF /440V	NO

ELECTRONIC BALLASTS

PART NO.	WATTAGE	DESCRIPTION	CIRCUIT WATTS	LAMP FREQUENCY (Hz)	MAX DISTANCE TO LAMP (m)	PART NIGHT	DALI	SURGE PROTECTION (kV)
VYB035255-GA	35W	35W STD SQUARE TERMINAL BLOCK - GA	45	210	0.5	NO	NO	1
VYB050PN0	50W	50W STD SQUARE T/BLOCK - UN-TIMED	56	210	0.5	YES	YES	1
VYB070PN0	70W	70W STD SQUARE T/BLOCK - UN-TIMED	79	210	0.5	YES	YES	1
VYB090PN0	90W	90W STD SQUARE T/BLOCK - UN-TIMED	99	210	0.5	YES	YES	1

ELECTRONIC BALLASTS CONTINUED

PART NO.	WATTAGE	DESCRIPTION	CIRCUIT WATTS	LAMP FREQUENCY (Hz)	MAX DISTANCE TO LAMP (m)	PART NIGHT	DALI	SURGE PROTECTION (kV)
VYB100PN0	100W	100W STD SQUARE T/BLOCK - UN-TIMED	110	210	0.5	YES	YES	1
VYC100PN0	100W	100W STD SQUARE CABLE - UN-TIMED	110	210	0.5	YES	YES	1
VYB140255	140W	140W STD SQUARE TERMINAL BLOCK	150	210	0.5	NO	NO	1
VYB140PN0	140W	140W STD SQUARE T/BLOCK - UN-TIMED	150	210	0.5	YES	YES	1
VYB150PN0	150W	150W STD SQUARE T/BLOCK - UN-TIMED	161	210	0.5	YES	YES	1
VYC150PN0	150W	150W STD SQUARE CABLE - UN-TIMED	161	210	0.5	YES	YES	1

CAPACITORS

PART NO.	CAPACITANCE ±10%	DISCHARGE RESISTOR	CASE MATERIAL	TERMINATION	LEAD LENGTH (mm)	PROTECTED	DIMENSIONS LxD (mm)	FIXING THREAD	TEMPERATURE (°C)
R1008HP150P25	15 μF	YES	PLASTIC	LEADS	300	NO	74x35	M8	-25 +85
R1008HP180P44RE	18 μF	YES	PLASTIC	LEADS	300	NO	94x40	M8	-25 +85

IGNITORS

PART NO.	WATTAGE	DESCRIPTION	TYPE	LAMP CURRENT	PEAK PULSE (kV)	DISTANCE TO LAMP (m)
PCA070255	35-70W	35W-70W HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	2.0	1.8/2.3	2
PJ070K255	70W	70W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	1.8/2.3	25
PCA400255	100 - 400W	100W-400W HPS/70W-400W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	5.0	3.5/4.5	1
PAE400276	100 - 400W	100W-400W HPS/70W-400W MH SIP 227V 60Hz	SUPERIMPOSED	5.0	3.5/4.5	1
PCA100255	100 -150W	100W-150W HPS/35W-150W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	5.0	3.5/4.5	1
PXE400255	100 - 400W	100W-400W HPS/70W-400W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	5.0	3.5/4.5	1
PH400K255	250 - 2000W	250W/2000W MH SIP 220V/240V 50Hz/60Hz	2 WIRE PARALLEL	-	0.75/0.9	200
PB600K255	600W	600W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0/4.5	30
PBA003255D1	600W	600W/1000W MH/HPS SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	12	3.5/4.5	10
PJ600K255	600W	600W HPS IMP 220V/240V 50Hz/60Hz	IMPULSER	-	3.0/4.5	30
PCX000255	600-1000W	600W-1000W HPS/1000W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	11	3.5/5.0	1
PXA000276	1000W	1000W MH/HPS SIP 277V 220V/240V 50Hz/60Hz	SUPERIMPOSED	11	3.5/5.0	1
MCI-1000	1000W	1000W MH/HPS S/P H/OUTPUT 220V/240V 50Hz	SEMI-PARALLEL	-	3.0/5.0	100
PBE900245	2000W	2000W MH SIP 220V/240V 50Hz/60Hz	SUPERIMPOSED	18	3.0/4.5	4
PBE350485	3500W	3500W MH SIP 380V/440V 50Hz/60Hz	SUPERIMPOSED	18	4.0/5.0	2

HID CROSS REFERENCE GUIDE

Venture Lighting's HID range has changed and refined over the last few years, ensuring all products are compliant with **ErP legislation**. However, we have taken extra care to protect our customer's interest by replacing our quality products with alternatives that we trust. We can confirm that our selective ranges of Metal Halide and High Pressure Sodium lamps and Control Gears will fully comply with Erp.

To ensure you receive the perfect solution, please see the below cross reference guide.

CERAMIC G8.5					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH35/TC/UVC/U/830/G8.5 Plus	HCI-TC 35W/830 WDL PB G8.5	CDM-TC 35W/830 G8.5	CMI-TC 35W/WDL UVS		CM-PLUS TC 35W/U/UVS/830
CMH35/TC/UVC/U/942/G8.5	HCI-TC 35W/942 NDL PB UVS G8.5	CDM-TC 35W/942 G8.5			CM-PLUS TC 35W/U/UVS/942
CMH70/TC/UVC/U/830/G8.5 Plus	HCI-TC 70W/830 WDL PB G8.5	CDM-TC 70W/830 G8.5			CM-PLUS TC 70W/U/UVS/830
CMH70/TC/UVC/U/942/G8.5	HCI-TC 70W/942 NDL PB G8.5	CDM-TC 70W/942 G8.5			CM-PLUS TC 70W/U/UVS/942

CERAMIC G12					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH35/T/UVC/U/830/G12 Plus	HCI-T 35W/830 WDL PB G12	CDM-T 35W/830 G12	CMI-T 35W/WDL UVS		CM-PLUS T 35W/U/UVS/G12/830
CMH35/T/UVC/U/942/G12	HCI-T 35W/942 NDL PB UVS G12	CDM-T 35W/942 G12			CM-PLUS T 35W/U/UVS/G12/942
CMH70/T/UVC/U/830/G12	HCI-T 70W/830 WDL PB G12	CDM-T 70W/830 G12	CMI-T 70W/WDL UVS		CM-PLUS T 70W/U/UVS/G12/830
CMH70/T/UVC/U/942/G12	HCI-T 70W/942 NDL PB UVS G12	CDM-T 70W/942 G12	CMI-T 70W/NDL UVS		CM-PLUS T 70W/U/UVS/G12/942
CMH150/T/UVC/U/830/G12	HCI-T 150W/830 WDL PB G12	CDM-T 150W/830 G12	CMI-T 150W/WDL UVS		CM-PLUS T 150W/U/UVS/G12/830
CMH150/T/UVC/U/942/G12	HCI-T 150W/942 NDL PB UVS G12	CDM-T 150W/942 G12	CMI-T 150W/NDL UVS		CM-PLUS T 150W/U/UVS/G12/942

CERAMIC DOUBLE ENDED					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH70/TD/UVC/830/Rx7s	HCI-TS 70W/830 WDL PB UVS RX7S	CDM-TD 70W/830 RX7s	CMI-T 70W/WDL UVS		CM-PLUS TD 70W/U/UVS/RX7s/830
CMH70/TD/UVC/942/Rx7s	HCI-TS 70W/942 NDL PB UVS RX7S	CDM-TD 70W/942 RX7s	CMI-T 70W/NDL UVS		CM-PLUS TD 70W/U/UVS/RX7s/942
CMH150/TD/UVC/830/Rx7s-24	HCI-TS 150W/830 WDL PB RX7S-24	CDM-TD 150W/830 RX7s-24	CMI-T 150W/WDL UVS		CM-PLUS TD 150W/U/UVS/RX7s/830
CMH150/TD/UVC/942/Rx7s-24	HCI-TS 150W/942 NDL PB RX7S-24	CDM-TD 150W/942 RX7s-24	CMI-T 150W/NDL UVS		CM-PLUS TD 150W/U/UVS/RX7s/942

CERAMIC ELLIPTICAL					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH70/E/UVC/U/830/E27/C	HCI-E/P 70/830 WDL PB E27 clear	CDM-ET 70W /830 E27			CM-PLUS ED 70W/U/UVS/830
CMH100/E/UVC/U/830/E27/C	HCI-E/P 100/830 WDL PB clear				CM-PLUS ED 100W/U/UVS/830

CERAMIC TUBULAR					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH70/TT/UVC/830/E27	HCI-TT/P 70W/830 WDL PB E27				CM-PLUS TT 70W/U/UVS/830
CMH70/TT/UVC/730/E27 STREETWISE		CDO-TT 70W /828 E27			CM-PLUS TT 70W/U/UVS/830
CMH100/TT/UVC/830/E40	HCI-TT 100/830 WDL PB E40				CM-PLUS TT 100W/U/UVS/830

CERAMIC TUBULAR CONTINUED					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
CMH100/TT/UVC/730/E40 STREETWISE		CDO-TT 100W /828 E27			CM-PLUS TT 100W/U/UVS/830
CMH150/TT/UVC/830/E40	HCI-T/P 150W/830 WDL PB E40				CM-PLUS TT 150W/U/UVS/830
CMH150/TT/UVC/730/E40 STREETWISE		CDO-TT 150W/828 E40			CM-PLUS TT 150W/U/UVS/830
CMH150/UVC/T/U/842/E40	HCI-TT 150/830 WDL PB E40				CM-PLUS TT 150W/U/UVS/942

METAL HALIDE G12					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
ARC70/T/U/742/G12	HQI T 70/NDL		HSI-T 70W/NDL		HIT 70W/G12/UVS/4K
ARC150/G12/842	HQI T 150/NDL		HSI-T 150W/NDL		HIT 150W/G12/UVS/4K

METAL HALIDE DOUBLE ENDED					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
ARC70/UVC/TD/730/Rx7s	HQI TS 70/WDL UVS		HSI-TD 75W/WDL 3K UVS		MH-DE 70W/UVS/3K
ARC70/UVC/TD/742/Rx7s	HQI TS 70/NDL UVS		HSI-TD 75W/NDL 4K UVS		MH-DE 70W/UVS/4K
ARC150/UVC/TD/732/Rx7s-24	HQI TS 150/WDL UVS		HSI-TD 150W/WDL 3K UVS		MH-DE 150W/UVS/3K
ARC150/UVC/TD/742/Rx7s-24	HQI TS 150/NDL UVS		HSI-TD 150W/NDL 4K UVS		MH-DE 150W/UVS/4K
ARC150/UVC/AQUA/TD/865/Rx7s-24					MH-DE 150W/UVS/FS/6K
ARC250/TD/832/Fc2	HQI TS 250/WDL UVS		HSI-TD 250W/NDL 3K UVS		MH-DE 250W/UVS/3K/Fc2
ARC250/TD/842/Fc2	HQI TS 250/NDL UVS		HSI-TD 250W/NDL 4K UVS		MH-DE 250W/UVS/4K/Fc2

METAL HALIDE ELLIPTICAL					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
KRC400/D/VBU/740/E40	HQI-E 400/N	MASTER HPI Plus 400W/745 BU E40 1SL	HSI-HX 400W CO		HIE 400W/C/V/DU/4.5K
MVR250/VBU/40					HIE 250W/V/PS/740
MVR250/C/VBU/40					HIE 250W/C/V/DU/4.5K
MVR400/VBU/40					HIE 400/V/PS/740
MVR400/C/VBU/40					HIE 400W/C/V/DU/4.5K
MVR1000/U/40					HIE 1000W/U/4K

METAL HALIDE TUBULAR					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
ARC250/T/H/742/E40					HIT 250W/HOR/DU/4.5K
ARC400/T/H/742/E40	HQI-T 400/N	MASTER HPI-T Plus 400W/645 E40 1SL	HSI-TSX 400W	HIT 400W/U/EURO/4K	HIT 400W/U/LU/740

METAL HALIDE DOUBLE ENDED					
GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
SPL1500/L/H/652/Rx7SM					MBIL S 1500W

METAL HALIDE DOUBLE ENDED CONTINUED

GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
SPL2000/L/H/651/SPEC					MBIL S 2000W

DESIGNER COLOUR DOUBLE ENDED

GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
ARC150/UVC/TD/GREEN/RX7S-24					MH-DE 150W/UVS/GDX
ARC150/UVC/TD/BLUE/RX7S-24					MH-DE 150W/UVS/BDX
ARC150/UVC/TD/MAGENTA/RX7S-24				MH-DE 150W/UVS/MDX	

HPS ELLIPTICAL

GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
LU 70/90/MO/D/E27	NAV-E 70/E	SON E 70W	SHP 70W/CO-E	HPSE.70W/E27	HPSE.70W/E27/HO
LU 100/100/MO/D/40	NAV-E 100	SON E 100W	SHP 100W	HPSE.100W/E40	HPSE.100W/E40/HO
LU 150/100/MO/D/40	NAV-E 150	SON E 150W	SHP 150W	HPSE.150W/E40	HPSE.150W/E40/HO
LU250/D/40	NAV-E 250	SON E 250W	SHP 250W	HPSE.250W/E40	HPSE.250W/E40/HO
LU400/D/40	NAV-E 400	SON E 400W	SHP 400W	HPSE.400W/E40	HPSE.400W/E40/HO
LU50/85/XO/D/27					HPSE.50W/E27/HO
LU70/90/XO/D/27					HPSE.70W/E27/HO
LU100/100/XO/D/40	NAV-E 100 SUPER 4Y	MASTER SON PIA PLUS 100W	SHP S 100W		HPSE.100W/E40/HO
LU150/100/XO/D/40					HPSE.150W/E40/HO
LU250/XO/D/40	NAV-E 250 SUPER 4Y	MASTER SON PIA PLUS 250W	SHP S 250W		HPSE.250W/E40/HO
LU400/XO/D/40	NAV-E 400 SUPER 4Y	MASTER SON PIA PLUS 400W	SHP S 400W		HPSE.400W/E40/HO
LU50/85/XO/SBY/D/E27					HPSE.50/E27/TWIN/HO
LU70/XO/SBY/D/E27			SHP S 70W Twinarc		HPSE.70/E27/TWIN/HO
LU100/XO/SBY/D/E40			SHP S 100W Twinarc		HPSE.100/E40/TWIN/HO
LU250/SBY/D/40			SHP S 250W Twinarc		HPSE.250/E40/TWIN/HO
LU400/SBY/D/40			SHP S 400W Twinarc		HPSE.400/E40/TWIN/HO
LU70/90/MO/I/E27					HPSE.70W/IG/E27/HO

HPS TUBULAR

GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
LU70/90/MO/T/E27				HPST.70W/E27	HPST.70W/E27/HO
LU100/100MO/T/40				HPST.100W/E40	HPST.100W/E40/HO
LU150/100/100/40				HPST.150W/E40	HPST.150W/E40/HO

HPS TUBULAR CONTINUED

GE	OSRAM	PHILLIPS	HAVELLS SYLVANIA	VENTURE OBSOLETE	VENTURE CURRENT RANGE
LU70/90/MO/T/E27				HPST.70W/E27	HPST.70W/E27/HO
LU100/100MO/T/40				HPST.100W/E40	HPST.100W/E40/HO
LU150/100/100/40				HPST.150W/E40	HPST.150W/E40/HO
LU150/100/HO/T/E40				HPST.150W/E40	HPST.150W/E40/HO
LU250/HO/T/E40				HPST.250W/E40	HPST.250W/E40/HO
LU400W/T/40				HPST.400W/E40	HPST.400W/E40/HO
LU400W/HO/				HPST.400W/E40	HPST.400W/E40/HO
LU1000/110/T/40				HPST.1000W/E40	HPST.1000W/E40
LU50/85/XO/T/27					HPST.50W/E27/HO
LU70/90/XO/T/27	NAV-T 70 SUPER 4Y	MASTER SON-T PIA PLUS 70W	SHP TS 70W		HPST.70W/E27/HO
LU100/100/XO/T/40	NAV-T 100 SUPER 4Y	MASTER SON-T PIA PLUS 100W	SHP TS 100W		HPST.100W/E40/HO
LU150/150/XO/T/40	NAV-T 150 SUPER 4Y	MASTER SON-T PIA PLUS 150W	SHP TS 150W		HPST.150W/E40/HO
LU250/XO/T/40	NAV-T 250 SUPER 4Y	MASTER SON-T PIA PLUS 250W	SHP TS 250W		HPST.250W/E40/HO
LU400/XO/T/40	NAV-T 400 SUPER 4Y	MASTER SON-T PIA PLUS 400W	SHP TS 400W		HPST.400W/E40/HO
LU600/XO/T/40	NAV-T 600 SUPER 4Y	MASTER SON-T PIA PLUS 600W	SHP TS 600W		HPST.600W/E40/HO
LU70/90/XO/SBY/T12/E27			SHP-TS 70W Twinarc		HPSE.70/E27/TWIN/HO
LU100/100/XO/SBY/T/E40			SHP-TS 100W Twinarc		HPSE.100/E40/TWIN/HO
LU150/XO/SBY/T/E40			SHP-TS 150W Twinarc		HPSE.150/E40/TWIN/HO
LU250/XO/SBY/T/E40			SHP-TS 250W Twinarc		HPSE.250/E40/TWIN/HO
LU400/XO/SBY/T/E40			SHP-TS 400W Twinarc		HPSE.400/E40/TWIN/HO

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