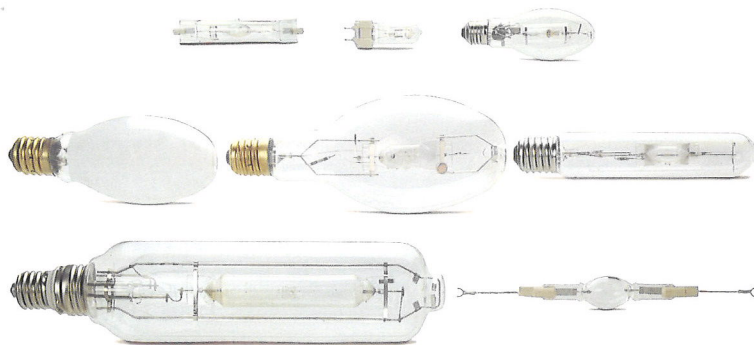


SYLVANIA

METAL HALIDE
So much choice, it's magic



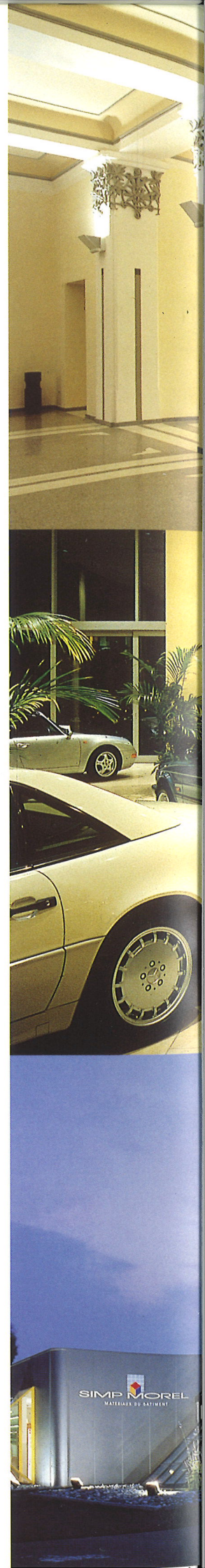


For high luminous efficiency and unparalleled
colour quality, look no further than Sylvania for
the most complete range of Metal Halide lamps

**PROVIDING BRIGHTNESS AND
EFFICIENCY WHEREVER YOU WANT.**

available. Using unique new technology and
preformed arc tube bodies to deliver unmatched
quality and constancy of light, these lamps set
new standards in brightness, efficiency and
reliability. From 70 to 2000 watts, from interior
accent lighting to stadium illumination, Sylvania
Metal Halide lamps are a better solution all round.

Sylvania. A source of inspiration.

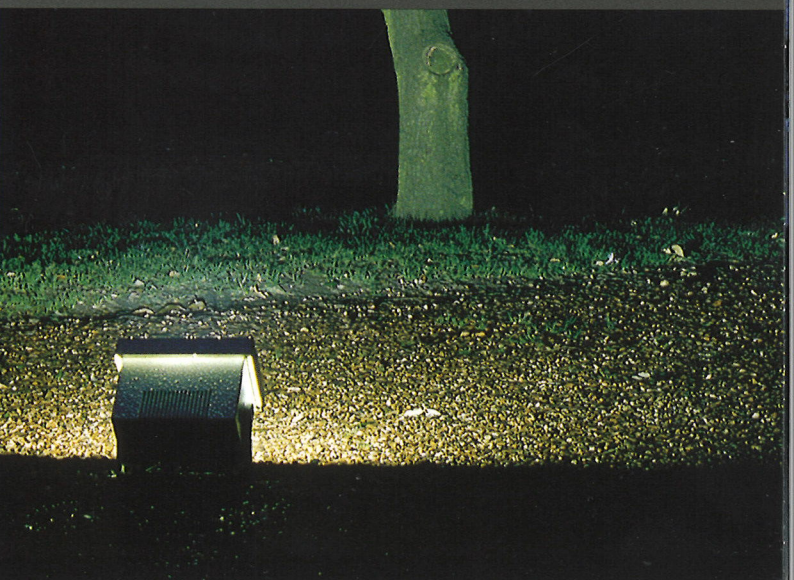




THE METALARC HSI-TD 70W IS A COMPACT, HIGH OUTPUT, LONG SERVICE LAMP IDEAL FOR AMBIENCE - ENHANCING UPLIGHTING.



THE METALARC MP 100W IS EQUALLY AT HOME OUT OF DOORS PROVIDING DRAMATIC LIGHTING FOR BUILDINGS AND GARDENS.

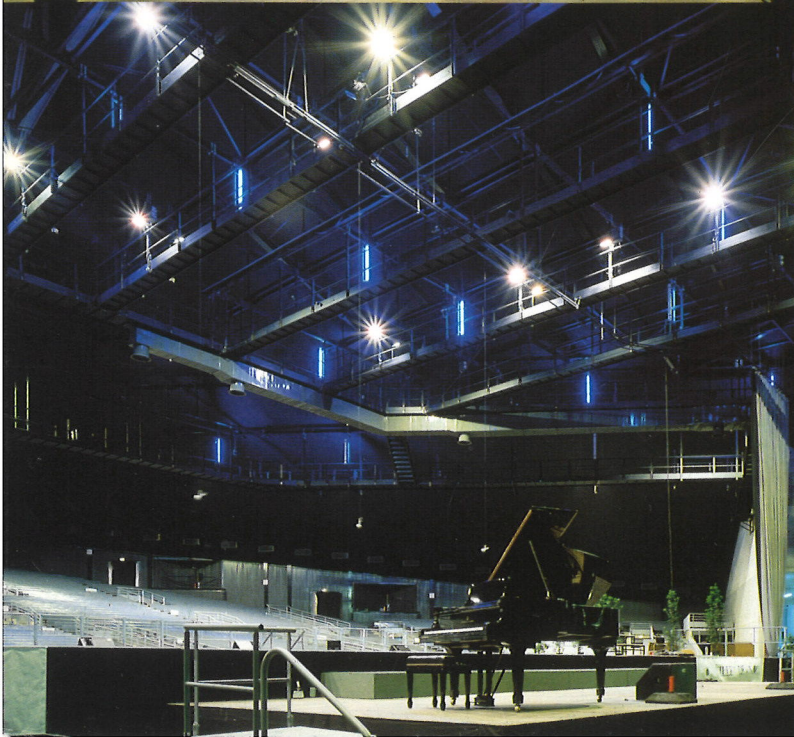




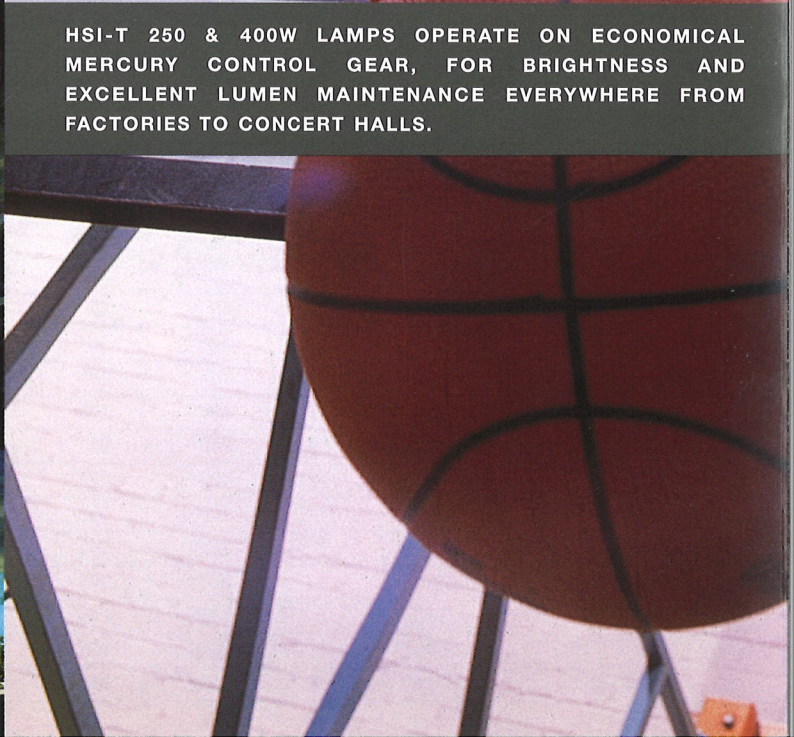
A SIMPLE RETROFIT FOR EXISTING HIGH PRESSURE SODIUM LAMPS MEANS THAT WITH HSI BRITELUX LAMPS, WAREHOUSES AND FACTORIES BECOME BRIGHTER AND BETTER WORKING ENVIRONMENTS.



THE METALARC HSI-TD 250W IS A COMPACT, HIGH OUTPUT, LONG SERVICE LAMP, WHICH GIVES A BETTER QUALITY OF LIGHT FOR A CLEANER, BRIGHTER FEELING ENVIRONMENT.



HSI-T 250 & 400W LAMPS OPERATE ON ECONOMICAL MERCURY CONTROL GEAR, FOR BRIGHTNESS AND EXCELLENT LUMEN MAINTENANCE EVERYWHERE FROM FACTORIES TO CONCERT HALLS.

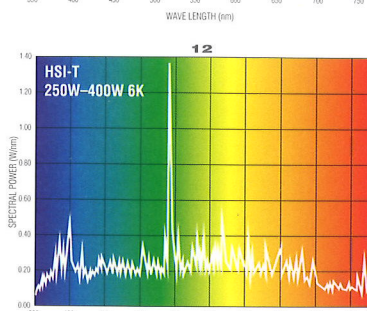
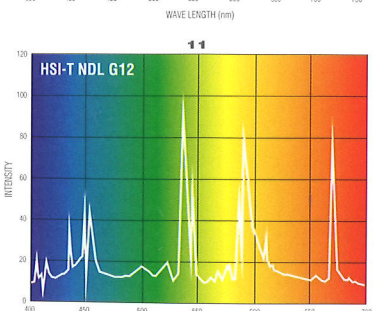
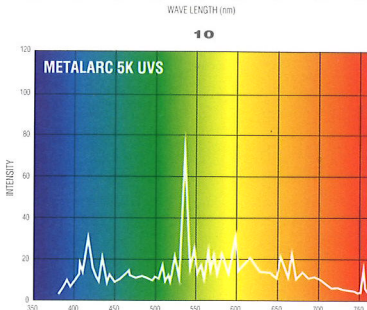
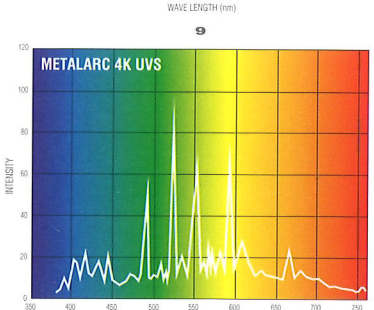
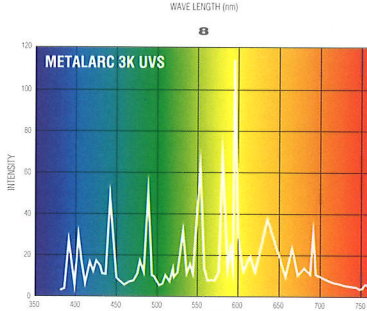
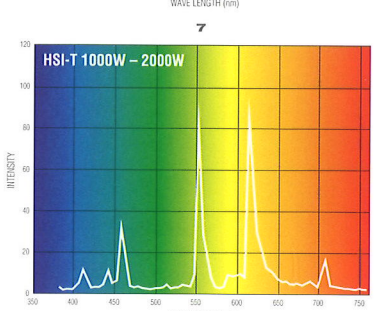
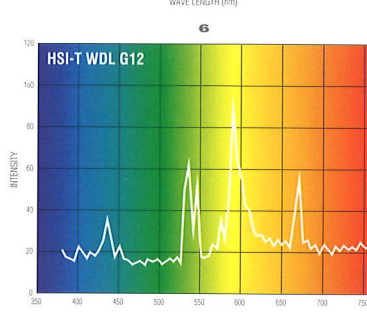
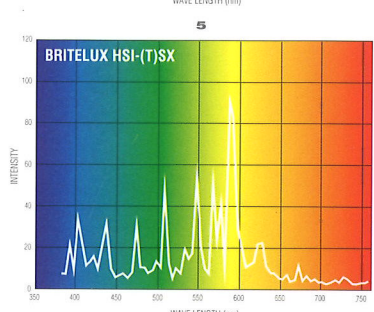
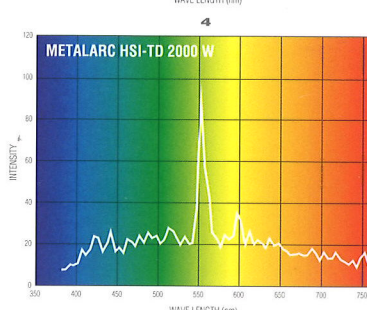
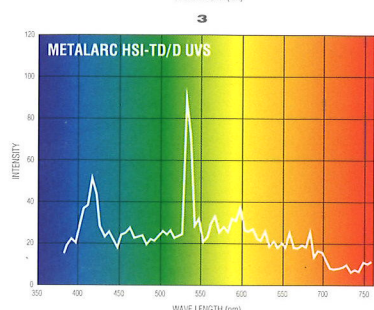
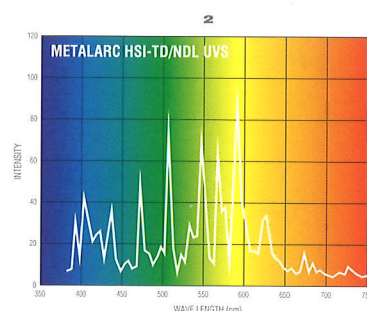
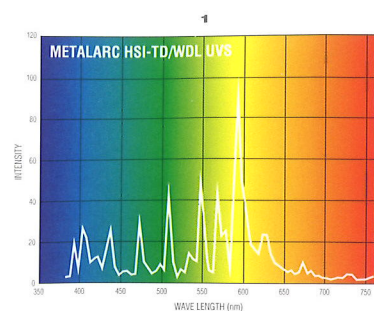


CHARACTERISED BY HIGH OUTPUT, OUTSTANDING LUMEN MAINTENANCE, LONG LIFE, EXCELLENT COLOUR RENDERING, AND THE 2000W HSI-T'S PREDICTABLE END OF LIFE BEHAVIOUR MAKES GROUP RELAMPING MORE CONVENIENT.



THE METALARC HSI-TD 2000W IS ONE OF THE MOST COMPACT LAMPS AVAILABLE. A COMBINATION OF PRECISE BEAM AND LESS GLARE MAKES FOR MORE EFFECTIVE LIGHTING AND HIGHER FIXTURE EFFICIENCY.





Metal Halide Range.

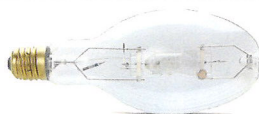
Item Description	Code No.	Packing Quantity	Lamp Wattage W	Lamp Voltage V	Lamp Current A	Cap	Dimensions L mm	D mm	Bulb Finish	Colour Temp. K	Light Output lm
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METALARC



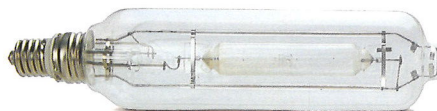
HSI-TD 70W/WDL UVS	21030	10	75	95	0,98	Rx7s	114,2 ⁽¹⁾	22	Clear UVS	3000	5.500
HSI-TD 70W/NDL UVS	21031	10	75	90	0,98	Rx7s	114,2 ⁽¹⁾	22	Clear UVS	4200	5.800
HSI-TD 70W/D UVS	21045	10	75	108	0,98	Rx7s	114,2 ⁽¹⁾	22	Clear UVS	5600	5.400
HSI-TD 150W/WDL UVS	21033	10	150	95	1,80	Rx7s	132 ⁽¹⁾	25	Clear UVS	3000	13.000
HSI-TD 150W/NDL UVS	21034	10	150	95	1,80	Rx7s	132 ⁽¹⁾	25	Clear UVS	4200	13.000
HSI-TD 150W/D UVS	21046	10	150	102	1,80	Rx7s	132 ⁽¹⁾	25	Clear UVS	5200	11.000
HSI-TD 250W/WDL UVS	21036	10	250	100	3,0	Fc2	161,6	27,5	Clear UVS	3200	20.000
HSI-TD 250W/NDL UVS	21037	10	250	100	3,0	Fc2	161,6	27,5	Clear UVS	4200	20.000
HSI-TD 250W/D UVS	21047	10	250	112	3,0	Fc2	161,6	27,5	Clear UVS	5200	18.000
HSI-MP 75 CL 3K UVS	20810	12	75	95	1,00	E27	138	54	Clear	3000	5.500
HSI-MP 75 CO 3K UVS	20811	12	75	95	1,00	E27	138	54	Coated	3000	5.000
HSI-MP 100 CL 3K UVS	20820	12	100	100	1,15	E27	138	54	Clear	3000	8.500
HSI-MP 100 CO 3K UVS	20821	12	100	100	1,15	E27	138	54	Coated	3000	8.100
HSI-MP 150 CL 3K UVS	20830	12	150	95	1,80	E27	138	54	Clear	3000	13.000
HSI-MP 150 CO 3K UVS	20831	12	150	95	1,80	E27	138	54	Coated	3000	12.500
HSI-MP 75 CL 4K UVS	20812	12	75	95	1,00	E27	138	54	Clear	4200	5.800
HSI-MP 75 CO 4K UVS	20813	12	75	95	1,00	E27	138	54	Coated	4000	5.500
HSI-MP 100 CL 4K UVS	20822	12	100	100	1,15	E27	138	54	Clear	4200	8.500
HSI-MP 100 CO 4K UVS	20823	12	100	100	1,15	E27	138	54	Coated	4000	8.100
HSI-MP 150 CL 4K UVS	20832	12	150	95	1,80	E27	138	54	Clear	4200	13.000
HSI-MP 150 CO 4K UVS	20833	12	150	95	1,80	E27	138	54	Coated	4000	12.500
HSI-MP 75 CL 5K UVS	20814	12	75	108	0,9	E27	138	54	Clear	5200	5.400
HSI-MP 75 CO 5K UVS	20815	12	75	108	0,9	E27	138	54	Coated	5200	5.400
HSI-MP 100 CL 5K UVS	20824	12	100	100	1,15	E27	138	54	Clear	5200	7.300
HSI-MP 100 CO 5K UVS	20825	12	100	100	1,15	E27	138	54	Coated	5200	7.300
HSI-MP 150 CL 5K UVS	20834	12	150	102	1,80	E27	138	54	Clear	5200	11.000
HSI-MP 150 CO 5K UVS	20835	12	150	102	1,80	E27	138	54	Coated	5200	11.000

BRITELUX



HSI-TSX 250W/4K	24407	12	265	100	2,9	E40	260	48	Clear	4500	23.500
HSI-TSX 400W/4K	24409	12	425	105	4,4	E40	270	48	Clear	4200	42.000
HSI-SX 250W/CO	20771	12	265	100	2,9	E40	211	91	Coated	3700	23.500
HSI-SX 250W/CL	20772	12	265	100	2,9	E40	211	91	Clear	4000	23.500
HSI-SX 400W/CO	20773	6	425	105	4,4	E40	292	122	Coated	3700	42.000
HSI-SX 400W/CL	20774	6	425	105	4,4	E40	292	122	Clear	4000	42.000

HSI-T METALARC



HSI-T 70W/WDL UVS	20335	12	75	95	0,95	G12	76	26	Clear	3000	5.200
HSI-T 150W/WDL UVS	20336	12	146	95	1,82	G12	76	26	Clear	3000	12.000
HSI-T 70W/NDL UVS	20340	12	75	95	1,00	G12	76	26	Clear	4200	5.200
HSI-T 150W/NDL UVS	20341	12	146	95	1,82	G12	76	26	Clear	4200	12.500
HSI-T 250W 4K	20394	12	245	130	2,10	E40	257	47	Clear	4500	20.000
HSI-T 400W 4K	20546	12	400	130	3,40	E40	270	48	Clear	4200	36.000
HSI-T 250W 6K	20530	12	250	98	3,00	E40	225	46	Clear	5200	20.000
HSI-T 400W 6K	20531	12	420	122	4,00	E40	285	46	Clear	5300	32.000
HSI-T 1000W/4K	20597	12	1000	130	8,25	E40	382	47	Clear	4000	81.000
HSI-T 2000W-S/4K 380V	20533	1	2000	245	9,00	E40	430	102	Clear	4000	200.000
HSI-T 2000W S/I/4K 380V	20540	1	2000	245	9,00	E40	430	102	Clear	4000	200.000
HSI-T 2000W 4K 380V	20532	1	2000	245	9,00	E40	430	102	Clear	4000	190.000
HSI-T 2000W S/4K 230V	20598	4	2000	135	16,50	E40	430	102	Clear	4000	190.000
HSI-TD 2000W/D	20339	10	1950	205	11,3	Cable	187	36	Clear	5600	200.000

Colour Rendering Class	Spectrum No.	Circuit No.	Ballast Type	Capacitor Micro F	Ignitor Pulse height (kV)	Burning Position
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1B	1	1	S/M/E	12	3,5-4,5	p45
1B	2	1	S/M/E	12	3,5-4,5	p45
1B	3	1	S/M/E	12	3,5-4,5	p45
1B	1	1	S/M/E	20	3,5-4,5	p45
1B	2	1	S/M/E	20	3,5-4,5	p45
1B	3	1	S/M/E	20	3,5-4,5	p45
1B	1	1	S/M/E	32	3,5-4,5	p45
1B	2	1	S/M/E	32	3,5-4,5	p45
1A	3	1	S/M/E	32	3,5-4,5	p45
2B	8	1	S/M/E	10	3,3-4,5	Universal
2A	8	1	S/M/E	10	3,3-4,5	Universal
2B	8	1	S/M/E	12	3,3-4,5	Universal
2A	8	1	S/M/E	12	3,3-4,5	Universal
2B	8	1	S/M/E	20	3,3-4,5	Universal
2A	8	1	S/M/E	20	3,3-4,5	Universal
2A	9	1	S/M/E	10	3,3-4,5	Universal
2A	9	1	S/M/E	10	3,3-4,5	Universal
2A	9	1	S/M/E	12	3,3-4,5	Universal
2A	9	1	S/M/E	12	3,3-4,5	Universal
2A	9	1	S/M/E	20	3,3-4,5	Universal
2A	9	1	S/M/E	20	3,3-4,5	Universal
1B	10	1	S/M/E	10	3,3-4,5	Universal
1B	10	1	S/M/E	10	3,3-4,5	Universal
1B	10	1	S/M/E	12	3,3-4,5	Universal
1B	10	1	S/M/E	12	3,3-4,5	Universal
1B	10	1	S/M/E	20	3,3-4,5	Universal
1B	10	1	S/M/E	20	3,3-4,5	Universal

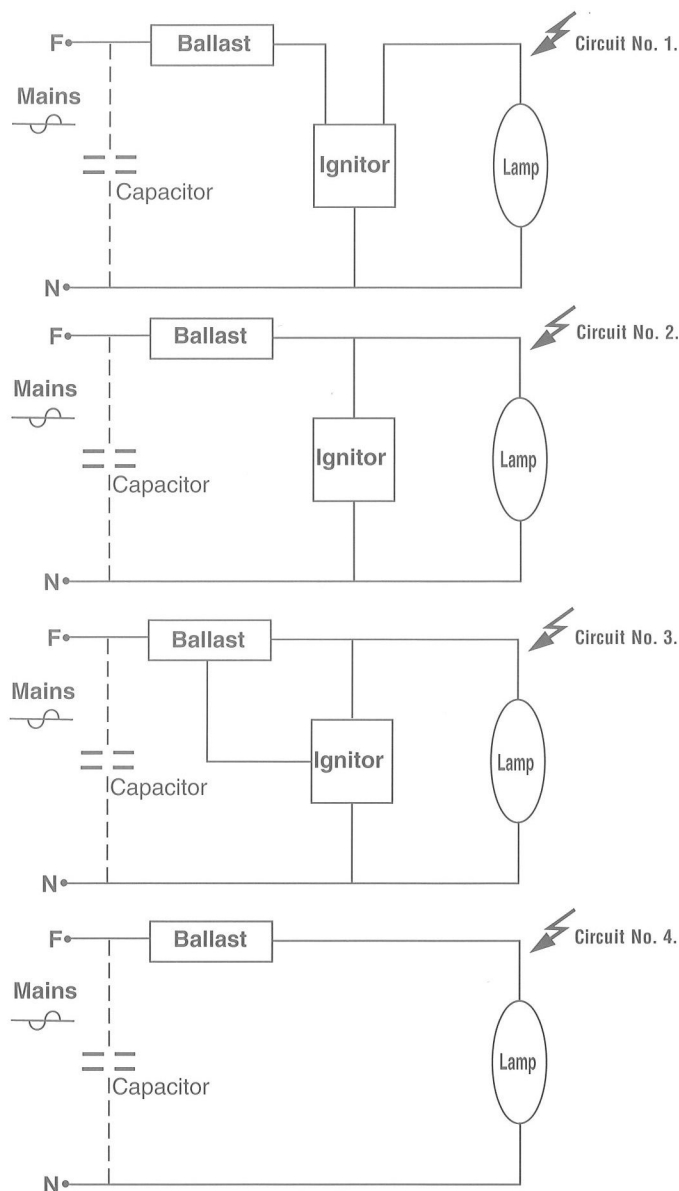
2A	5	1/3	S/M/E	40	2,8-4,5	Universal
2A	5	1/3	S/E	45	2,8-4,5	Universal
2A	5	1/3	S/M/E	40	2,8-4,5	BU
2A	5	1/3	S/M/E	40	2,8-4,5	BU
2A	5	1/3	S/E	45	2,8-4,5	BU
2A	5	1/3	S/E	45	2,8-4,5	BU

1B	6	1	S/M/E	12	3,5-5	Universal
1B	6	1	S/M/E	20	3,5-5	Universal
1B	11	1	S/M/E	12	3,5-5	Universal
1B	11	1	S/M/E	20	3,5-5	Universal
2B	5	2	H/E	18	0,6-0,7	Universal
2B	5	1/2	H/M/E	28	0,6-0,7	Universal
1A	12	1	S/M/E	32	3,4-5	Universal
1A	12	1	S/M/E	45	3,4-5	Universal
2B	7	2	H	65	0,6-0,7	P20
2B	7	2	H	35	1,2	P20
2B	7	4	H	35	Internal	P20
2B	7	2	H	35	1,2	P20
2B	7	2	H	125	1,2	P20
1A	4	1	M/E	60	3,5-4,5	p20

Classification of abbreviations.

HSI: Sylvania Metal Halide group abbreviation.
 MP: Metal Halide Protected (open fixture rated).
 T: Tubular.
 D: Double ended.
 Cl: Clear bulb.
 Co: Coated bulb.
 UVS: UV-stop quartz bulb.
 /WDL: Warm white DeLuxe.
 /NDL: Neutral white DeLuxe.
 /D: Daylight.
 /4K: 4000 Kelvin Color temperature.
 Britelux: Electrically compatible with high pressure sodium (SHP) control gear. The 250W is also compatible with Metal Halide ballasts.
 (1): Contact length.

Compatible Circuits.



Recommendations for use.

- E27: lampholders should be used which resist 750V DC or 4,5 KV pulses
- It is recommended to use thermal protected ballasts
- Dimming is possible only with electronic ballasts
- Tip of Arc Tube should not face downwards
- MP lamps and Britelux 400W can be used in open fixtures.
- When exceeding predetermined exposure times or Lux-levels, a UV-filter should be used (except with UV stop lamps)
- Burning position p20 horizontal $\pm 20^\circ$
p45 horizontal $\pm 45^\circ$
BU base up $\pm 15^\circ$
- Ballast type S: High pressure sodium
M: Metal Halide
H: Mercury Vapour
E: Electronic