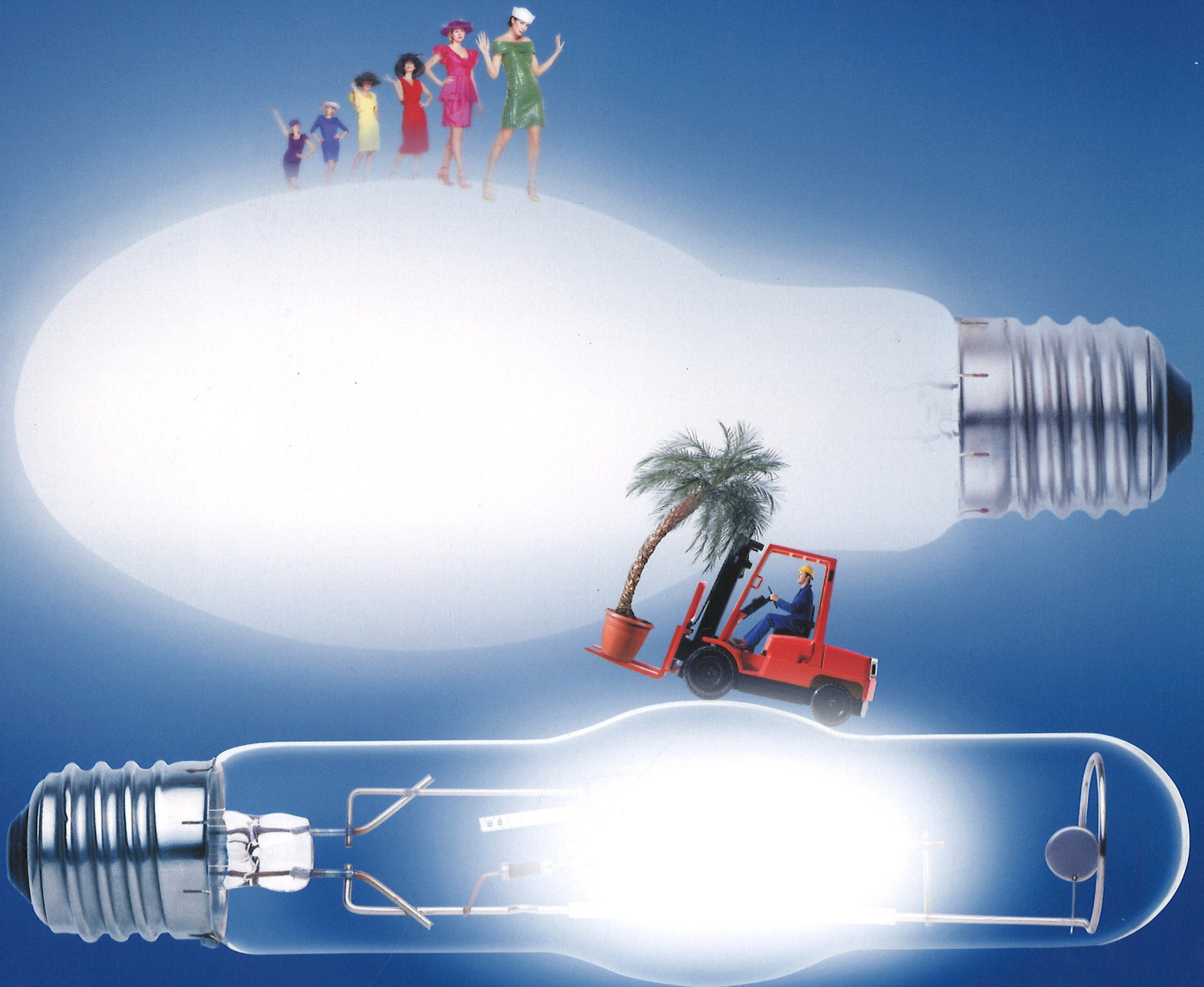


SYLVANIA

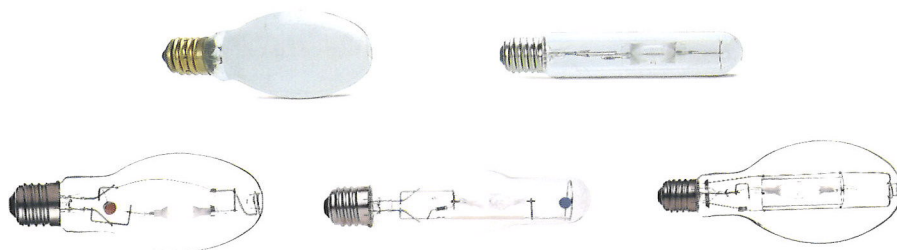
HSI METALARC & BRITELUX 250 & 400W
Choice made easy



METAL HALIDE RANGE

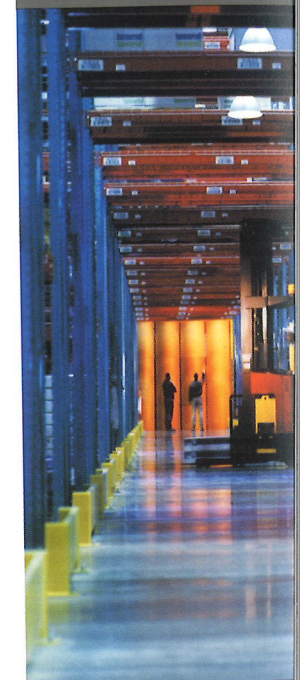
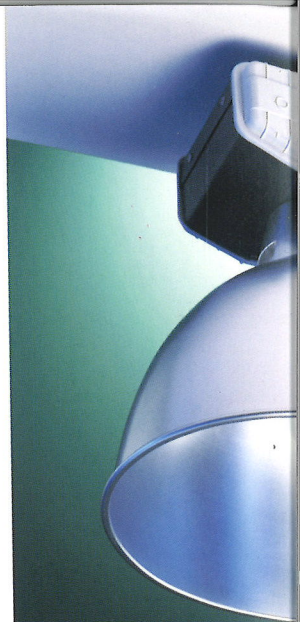
HIGH EFFICIENCY AND COLOUR QUALITY WHEREVER YOU WANT IT.

For high luminous efficiency throughout
the life of your lighting, look no
further than Sylvania's complete
range of 250/400W metal halide lamps.



Sylvania now offers metal halide lamps for
two commonly used circuits in the market:
the MetalArc range is used with so-called
"mercury compatible" systems, and offers
an economical solution wherever you need
bright, white light; while BriteLux lamps can
retro-fit existing high pressure sodium
lamps and guarantee, with their "preform
moulded" arc tube design, excellent
performance and colour stability throughout
the lamp life. This could be the brightest
news your business has had for a long time.

Sylvania. A source of inspiration.



A HAPPIER WORK
AND YOU CAN
WITH BRITELUX





HSI METALARC BRINGS YOU THE LATEST METAL HALIDE TECHNOLOGY IN AN AFFORDABLE LIGHTING SOLUTION.

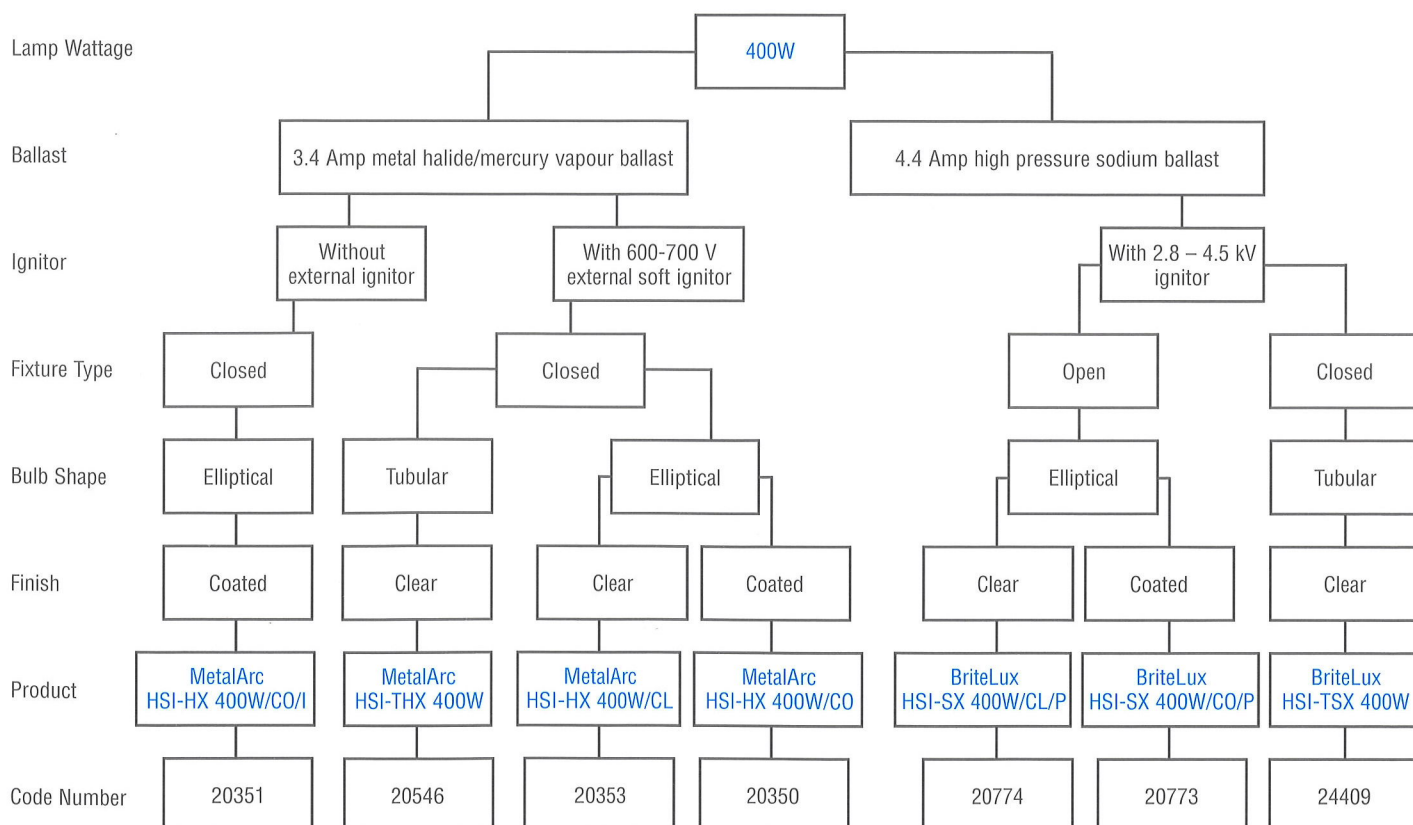
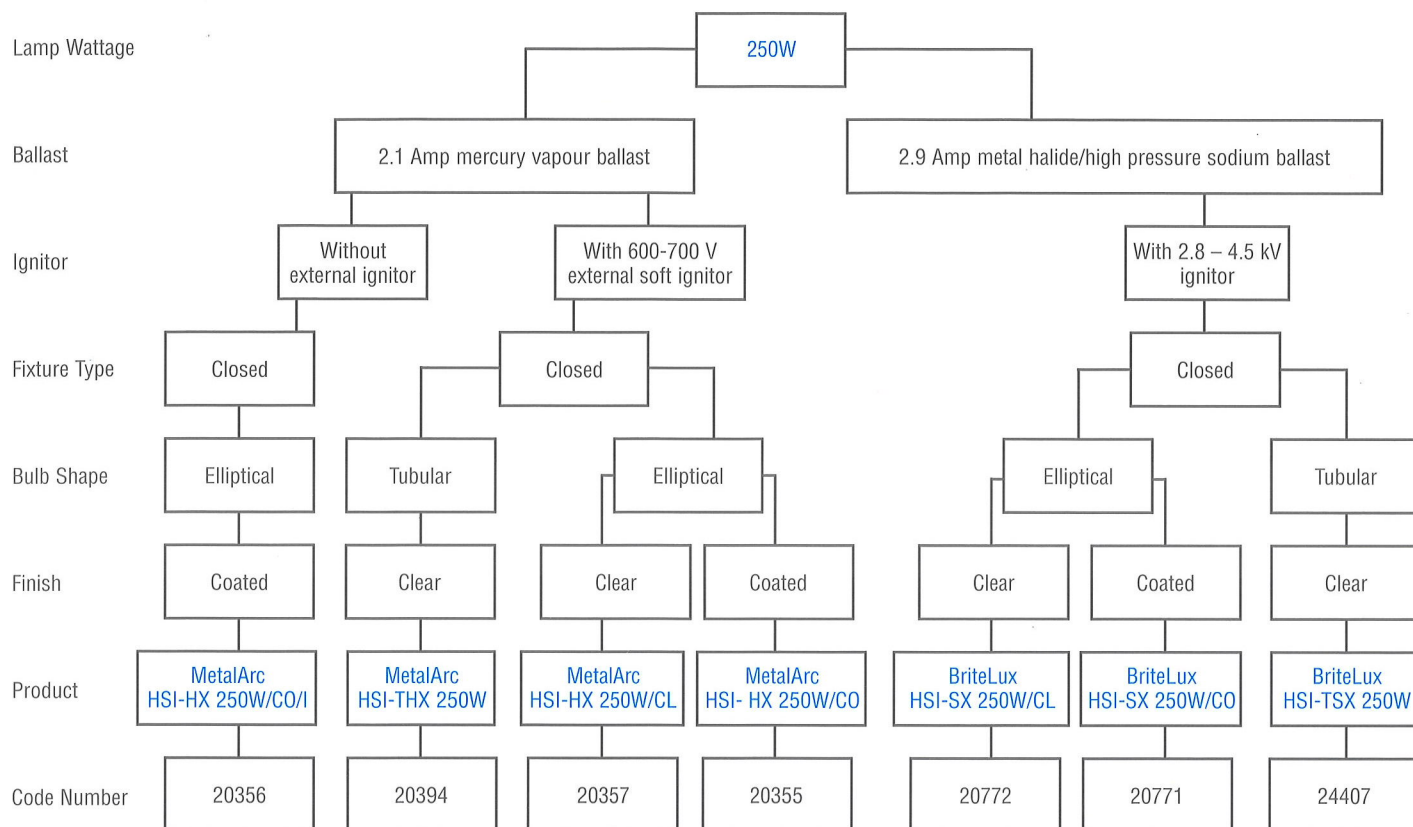


FORCE IS A MORE PRODUCTIVE WORKFORCE.
GIVE THEM BOTH - COST-EFFECTIVELY -
S.

HIGH PRESSURE SODIUM LIGHTING SYSTEMS CAN BE CHANGED,
QUICKLY AND EASILY, TO SYLVANIA BRITELUX LAMPS. IT'S AS EASY
AS CHANGING A LIGHT BULB, BECAUSE THAT'S ALL YOU HAVE TO DO.



Product Application Guide



Sylvania is continuously working to improve the performance of its products and therefore reserves the right to change data and specification without notice. Data for guidance only.

HSI MetalArc & BriteLux 250W/400W Product Data

Item Description	Code No.	Packing Quantity	Lamp Wattage W	Lamp Voltage V	Lamp Current A	Cap	Max. Dimensions L mm D mm	
METALARC								
HSI-THX 250W	20394	12	245	130	2.1	E40	257	48
HSI-HX 250W/CL	20357	12	245	130	2.1	E40	227	91
HSI-HX 250W/CO	20355	12	245	130	2.1	E40	227	91
HSI-HX 250W/CO/I	20356	12	245	130	2.1	E40	227	91
HSI-THX 400W	20546	12	400	130	3.4	E40	270	48
HSI-HX 400W/CL	20353	12	400	130	3.4	E40	292	122
HSI-HX 400W/CO	20350	12	400	130	3.4	E40	292	122
HSI-HX 400W/CO/I	20351	12	400	130	3.4	E40	292	122
BRITELUX								
HSI-TSX 250W	24407	12	265	100	2.9	E40	260	48
HSI-SX 250W/CL	20772	12	265	105	2.9	E40	227	91
HSI-SX 250W/CO	20771	12	265	105	2.9	E40	227	91
HSI-TSX 400W	24409	12	425	105	4.4	E40	270	48
HSI-SX 400W/CL/P	20774	6	425	120	4.4	E40	292	122
HSI-SX 400W/CO/P	20773	6	425	120	4.4	E40	292	122

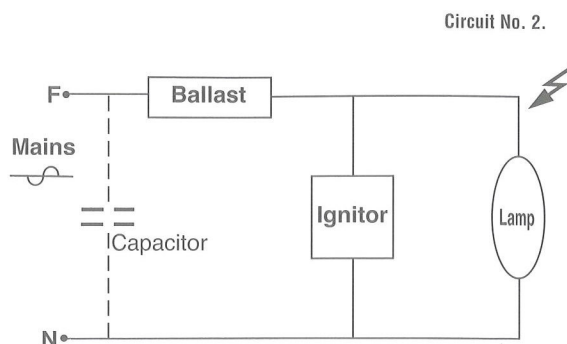
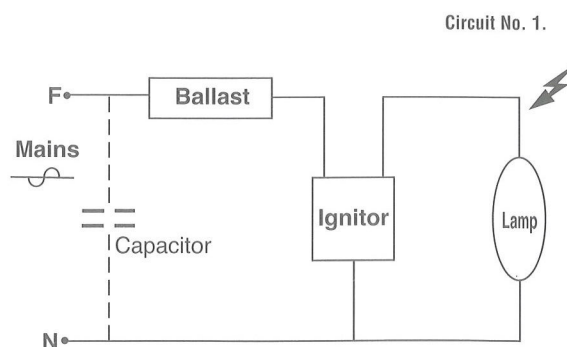
Classification of abbreviations

HSI: Sylvania metal halide group abbreviation
 T: Tubular
 CL: Clear
 CO: Coated
 HX: Mercury ballast compatible (MetalArc)
 SX: Sodium control gear compatible (BriteLux)
 P: Protected, lamps can be used in open fixtures
 I: Internal ignitor

Recommendations for use

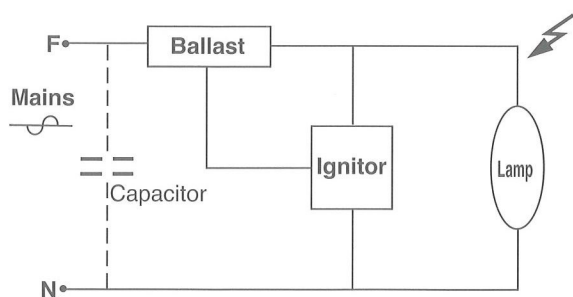
- * The lumen values of universal burning lamps are measured after 100 hr.
 - base up for elliptical lamps
 - horizontal for tubular lamps
- * Burning position:
 - Horizontal +/- 20°
 - Base up +/- 15°
- * Ballast types:
 - S: high pressure sodium
 - M: metal halide
 - H: mercury vapour
 - E: electronic
- * It is recommended to use thermal protected ballasts
- * Dimming is possible only with approved electronic ballasts
- * When exceeding a predetermined exposure time or illumination level, a UV filter should be used.

Compatible Circuits

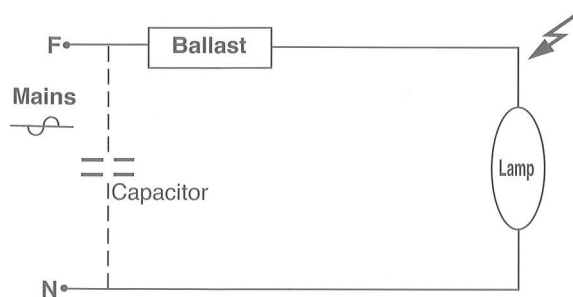


Bulb Finish	Colour Temp. K	Light Output lm	Colour Rendering Class	Circuit No.	Ballast Type	Capacitor μ F.	Ignitor Pulse Height (kV)	Burning Position
Clear	4,500	20,000	2B	2	H/E	18	0.6–0.7	Horizontal
Clear	4,500	23,000	2B	2	H/E	18	0.6–0.7	Base Up
Coated	3,800	21,000	2B	2	H/E	18	0.6–0.7	Base Up
Coated	3,800	21,000	2B	4	H	18	Internal	Base Up
Clear	4,200	36,000	2B	1/2	H/M/E	28	0.6–0.7	Horizontal
Clear	4,500	37,000	2B	2/1	H/M/E	28	0.6–0.7	Base Up
Coated	4,200	35,200	2B	2/1	H/M/E	28	0.6–0.7	Base Up
Coated	4,200	35,200	2B	4	H/M	28	Internal	Base Up
Clear	4,500	21,000	2A	1/2/3	S/E/M	40	2.8–4.5	Universal
Clear	4,500	23,500	2A	1/2/3	S/E/M	40	2.8–4.5	Universal
Coated	3,800	22,000	2A	1/2/3	S/E/M	40	2.8–4.5	Universal
Clear	4,200	40,000	2A	1/2/3	S/E	45	2.8–4.5	Universal
Clear	4,500	42,000	2A	1/2/3	S/E	45	2.8–4.5	Universal
Coated	4,200	40,000	2A	1/2/3	S/E	45	2.8–4.5	Universal

Circuit No. 3.



Circuit No. 4.



Spectral Power Distribution Curve

HSI MetalArc and BriteLux 250W & 400W

