



Automotive Lamps



Halogen Headlight Lamps

European System..... 109



Halogen Headlight Lamps

N. American System 110



Halogen Headlight Lamps

For motorcycles 110



Automobile Lamps

European System - Side/Indicator/
Brake/Tail/Flasher 111



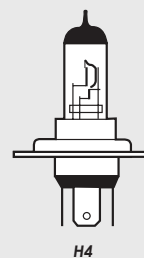
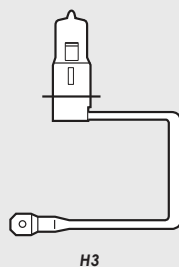
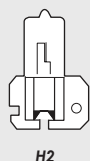
Automobile Lamps

N. American System - Side/Indicator/
Brake/Tail/Flasher..... 112

Halogen Headlight Lamps European System



Colour Temperatures : 3800/4200/5000 K

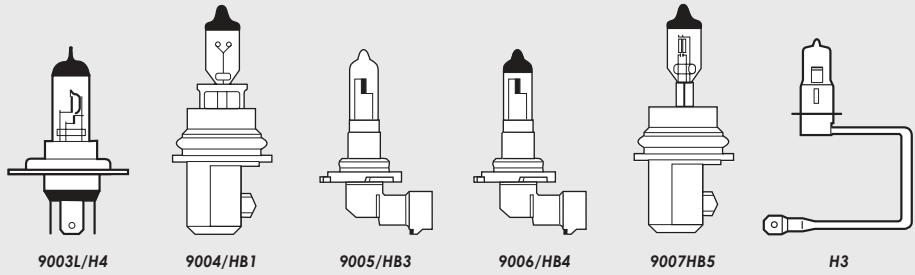


British No.	Model/Series	Voltage (V)	Wattage (W)	Base	ECE Approval
465	H1	6	55	P14.5s	-
448	H1	12	55	P14.5s	E
481	H1	12	100	P14.5s	-
466	H1	24	70	P14.5s	E
481	H1	24	100	P14.5s	-
494	H1	24	130	P14.5s	-
479	H2	12	55	X511	-
482	H2	12	100	X511	-
480	H2	24	70	X511	-
b492	H2	24	100	X511	-
455	H3	6	55	PK22s	-
453	H3	12	55	PK22s	E
483	H3	12	100	PK22s	-
460	H3	24	70	PK22s	E
493	H3	24	100	PK22s	-
	H4	6	35/35	P43t	-
	H4	12	45/45	P43t	-
472	H4	12	60/55	P43t	E
473	H4	12	100/55	P43t	-
484	H4	12	100/80	P43t	-
	H4	12	100/90	P43t	-
475	H4	24	75/70	P43t	E
475S	H4	24	100/80	P43t	-
	H4	24	100/90	P43t	-
HB6	H4	6	60/55	P45t	-
HB12	H4	12	60/55	P45t	-
485	H4	12	100/80	P45t	-
	H4	12	100/90	P45t	-
HB24	H4	24	75/70	P45t	-
HB24S	H4	24	100/90	P45t	-
447	H7	12	55	PX26d	E
446	H7	12	100	PX26d	-
467	H7	24	70	PX26d	E
468	H7	24	100	PX26d	-

Halogen Headlight Lamps N. American System



Colour Temperatures : 3800/4200/5000 K

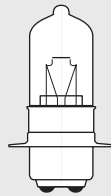


Lamp Code	SAE Category	Voltage (V)	Wattage (W)	Base
9003L	HB2/H4	12	60/55	P43t
	H4	12	55/60	P43t
9004	HB1	12.8	65/45	P29t
9005	HB3	12.8	60	P20d
9006	HB4	12.8	55	P22d
9007	HB5	12.8	65/55	PX29t
	H3	12	35	PK22s
	H3	12	55	PK22s

Halogen Headlight Lamps for Motorcycles



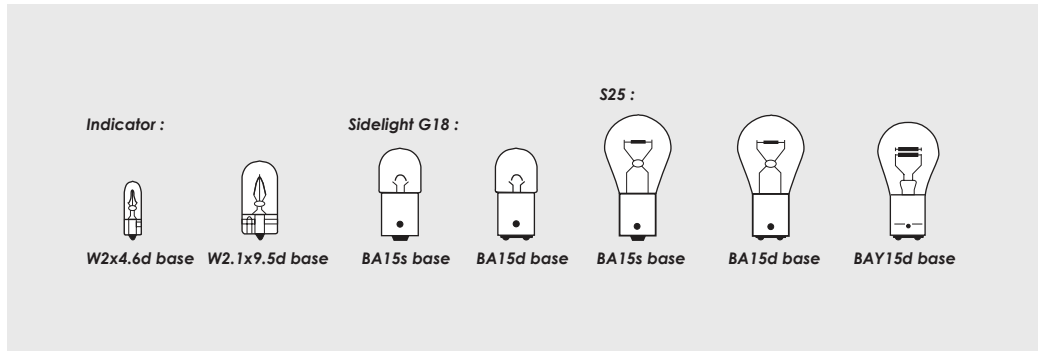
Colour Temperatures : 3800/4200/5000 K
Other wattages and bases available on request



Lamp Code	Series	Voltage (V)	Wattage (W)	Base
H6M(HS) 6V 18/18W	HS	6	18/18	P15D-25-1
H6M(HS) 12V 20/20W	HS	12	20/20	P15D-25-1
H6M(HS) 12V 25/25W	HS	12	25/25	P15D-25-1
H6M(HS) 12V 30/30W	HS	12	30/30	P15D-25-1
H6M(HS) 12V 35/35W	HS	12	35/35	P15D-25-1
H6M(HV) 12V 25/25W	HV	12	25/25	P15D-25-3
H6M(HV) 12V 30/30W	HV	12	30/30	P15D-25-3
H6M(HV) 12V 35/35W	HV	12	35/35	P15D-25-3
H6M(HL) 12V 30/30W	HL	12	30/30	P15D-30
H6M(HL) 12V 35/35W	HL	12	35/35	P15D-30

Automobile Lamps – European System

Side / Indicator / Brake / Tail / Flasher

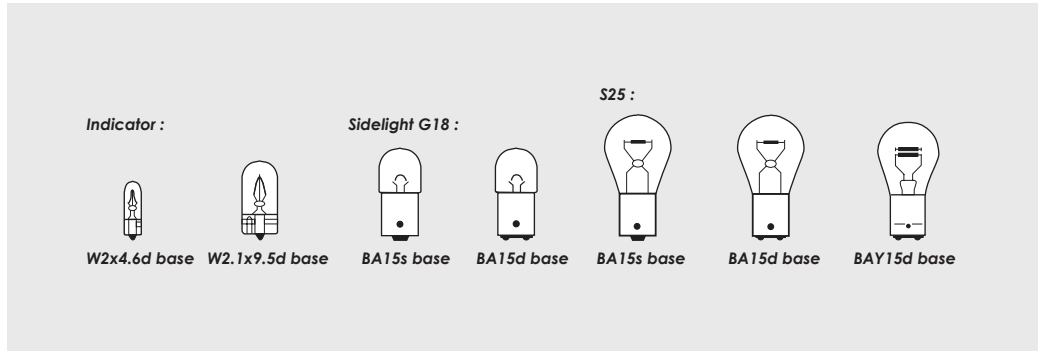


Lamp Code	SAE Category	Voltage (V)	Wattage (W)	Base
Indicator	T5	6, 12, 24	1 – 5	W2x4.6d
Indicator	T10	6, 12, 24	2 – 5	W2.1x9.5d
Sidelight	G18	6, 12, 24	5 – 15	BA15s
Sidelight	G18	6, 12, 24	5 – 15	BA15d

Lamp Code	Series	Voltage (V)	Wattage/CP (W)	Base
317	S25	6	21W	BA15s
336	S25	12	15W	BA15s
382E	S25	12	21W	BA15s
240	S25	24	15W	BA15s
337	S25	24	18W	BA15s
241E	S25	24	21W	BA15s
339	S25	24	26W	BA15s
345	S25	28	28W	BA15s
A4598	S25	48	25W	BA15s
319	S25	6	21W	BA15d
335E	S25	12	21W	BA15d
348	S25	24	12W	BA15d
338	S25	24	18W	BA15d
346E	S25	24	21W	BA15d
383	S25	6	18/5W	BA15d
381	S25	12	21/5W	BA15d
384	S25	6	21/5CP	BAY15d
380E	S25	12	21/5CP	BAY15d
294	S25	24	21/5CP	BAY15d
334	S25	24	24/6CP	BAY15d

Automobile Lamps – N. American System

Side / Indicator / Brake / Tail / Flasher



Lamp Code	Bulb size	Voltage (V)	Wattage (W)	Base
Indicator	T1.75	6, 12, 24	1 – 5	W2x4.6d
Indicator	T3.25	6, 12, 24	2 – 5	W2.1x9.5d
Sidelight	G6	6, 12, 24	5 – 15	BA15s
Sidelight	G6	6, 12, 24	5 – 15	BA15d

Lamp Code	Bulb size	Voltage (V)	Wattage/CP (W)	Base
87	S8	6	15CP	BA15s
1129	S8	6	21CP	BA15s
93	S8	12	15CP	BA15s
1141	S8	12	21CP	BA15s
1073	S8	12	32CP	BA15s
1156	S8	12	32CP	BA15s
305	S8	24	15CP	BA15s
1203	S8	24	21CP	BA15s
94	S8	12	15CP	BA15s
1142	S8	12	21CP	BA15d
1076	S8	12	32CP	BA15d
1158	S8	6	21/3CP	BA15d
1176	S8	12	21/6CP	BA15d
1154	S8	6	21/3CP	BAY15d
1016	S8	12	21/6CP	BAY15d
198	S8	12	32/3CP	BAY15d
1034	S8	12	32/3CP	BAY15d
1157	S8	12	32/3CP	BAY15d
2057	S8	12	32/3CP	BAY15d