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CS Lighting, Inc.

SSTV Halogen Lamps

'Top China' for SSTV/OPTIC & Entertainment Lighting



HALOGEN

A forward.

Although more advance technology adopted on lamp(bulbs)HALOGEN, first generation series developed to use in SSTV holds strong position in this field thanks to its stable color,different watts from tiny power to ten thousand watts, covering almost every aspect where the light will be used.

Like all incandescent light bulbs,a halogen lamp produces acontinuous spectrum of light, from near ultraviolet to deep into the infrared. Since the lamp filament can operate at a higher temperature than no-halogen lamp, the spectrum is shifted toward blue,producing light with a higher effective color temperature.

Safety

Because the halogen lamp operates at very high temperature,it can pose fire and burn hazards.It should be protected by a grid,especially for 1Kw or above to prevent ignition of flammableobjects in contact with the lamp.

Handling precautions

Any surface contamination,notable fingerprints, can damage the quartz envelope when it is heated. It's stongly recommended that the lamps should be handled without touching the clear quartz, either by using a clean paper towel.



Always lead the way to illumination of the world

Alternative codes		
LIF	ANSI	OSRAM
A1/244	-	64680
M40	-	64672
T18	GCV	64684
CP23	-	64721
CP39	FKH	64720
CP89	FRL	64717
T27	GCT	64718
T12	-	64719
A1/245	-	64730
CP70	FVA	64745
T19	FWP	64744
CP71	FKJ	64747
CP90	-	64754
T29	FWS	64752
CP93	-	64756
CP92	-	64777
CP75	-	64787
CP72	-	64788
CP91	-	64796
CP81	FKW	-
CP82	FRG	-
CP89	FRK	54631
T11	-	-
-	EGR	64726
CP40	EGT	-
CP92	-	-
CP79	-	-
T28	-	-
CP51	FKM	64724
-	-	-
CP52	FKN	64749
CP106	-	64757
CP73	FKK	64789
CP94	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	BTM	-
-	BTL	-
-	BTP	-
-	BTR	-
-	EGJ	54654
-	CYV	64750
-	CXZ	64762
CP41	CYX	64790

Dia. mm	Fila.	Power W	Tension V	Luminous Flux lm	avg.life hrs	Color Temp. K	Overall length mm	LCL mm	Base
23	BP	500	230	12500	50	3200	75	36.5	GY9.5
23	BP	500	230	10000	750	2900	85	46.5	GY9.5
23	BP	500	230	11000	300	3000	90	46.5	GY9.5
26	BP	650	230	16000	100	3100	110	55	GX9.5
26	BP	650	230	16000	100	3100	140	63.5	G22
23	BP	650	230	15500	150	3100	90	46.5	GY9.5
23	BP	650	230	14000	300	3000	90	46.5	GY9.5
28	BP	650	230	12000	750	2900	110	55	GX9.5
23	BP	800	230	20000	50	3200	87	44.5	GY9.5
26	BP	1000	230	25000	200	3100	110	55	GX9.5
35	BP	1000	230	20000	750	2900	110	55	GX9.5
26	BP	1000	230	25000	200	3100	140	63.5	G22
28	BP	1200	230	30000	200	3200	125	67	GX9.5
35	BP	1200	230	25000	400	3000	125	67	GX9.5
28	BP	1200	230	30000	200	3200	135	63.5	G22
40	BP	2000	230	50000	300	3100	175	90	G22
40	BP	2000	230	50000	300	3100	160	75	G22
40	BP	2000	230	55000	300	3100	145	70	GY16
40	BP	2500	230	60000	200	3100	175	90	G22
23	MP	300	120	6900	50	3200	90	46	GY9.5
23	MP	500	120	12000	150	3100	90	46	GY9.5
23	MP	650	120	15000	200	3100	90	46	GY9.5
28	MP	1000	120	22000	750	3000	110	55	GX9.5
26	MP	750	120	18500	200	3200	140	63.5	G22
28	CC8	1000	120	24000	500	3050	140	63.5	G22
40	BP	2000	120	50000	400	3100	175	90	G22
40	BP	2000	120	50000	400	3100	145	70	GY16
20	BP	500	230	11000	200	3100	130	55.5	P28S
23	BP	650	230	16000	100	3100	130	55.5	P28S
23	BP	750	230	16500	150	3100	130	55.5	P28S
26	BP	1000	230	25000	200	3100	130	55.5	P28S
35	BP	1000	230	25000	400	3100	210	127	G38
35	BP	2000	230	50000	300	3100	210	127	G38
40	BP	2500	230	60000	300	3100	210	127	G38
28	BP	1000	230	23000	200	3100	130	80	G15
40	BP	2000	230	52000	200	3100	160	95	G15
35	BP	2000	230	52000	200	3100	170	105	G15
55	BP	3000	230	75000	200	3100	240	147	G25
20	CC8	500	120	13000	150	3100	130	55.5	P28S
20	CC8	500	120	11000	500	3000	130	55.5	P28S
23	CC8	750	120	18000	200	3100	130	55.5	P28S
26	CC8	1000	120	26000	200	3200	130	55.5	P28S
20	CC8	1000	120	24000	200	3100	146	89	P28S
26	BP	1000	120	28000	200	3200	130	55.5	G38
35	BP	1500	120	36000	300	3100	203	127	G38
40	BP	2000	120	52000	200	3100	210	127	G38

Alternative codes			Dia.	Fila.	Power	Tension	Luminous Flux	avg.life	Color Temp.	Overall length	LCL	Base
LIF	ANSI	OSRAM	mm		W	V	lm	hrs	K	mm	mm	
-	-	64501	13	U	150	120	4200	25	3200	55	30	GX6.35
-	-	64502	13	U	150	230	3600	25	3200	55	30	GX6.35
-	-	64514	18.5	U	300	120	7000	75	3200	57.5	27	GX6.35
-	-	64516	18.5	U	300	230	6500	50	3200	57.5	27	GX6.35
-	EYB	54446	11.5	CC8	360	82	10000	75	3200	57.2	31.8	G5.3
-	DYS	93531	22.5	CC6	600	120	16000	75	3200	64	36.5	GZ9.5
-	DYR	64686	23	2CC6	650	230	15000	50	3100	64	36.5	GZ9.5
-	FSL	-	15.5	CC6	300	230	5200	100	3000	80	46.5	GY9.5
CP82	FRJ	-	18.5	MP	500	230	11000	75	3050	80	46.5	GY9.5
A1/220	BRL	64610	11.5	C6	50	12	1400	50	3200	44	30	G6.35
A1/215	FCR	64625	1.5	C6	100	12	2800	50	3250	44	30	GY6.35
A1/261	FDT	64628	13	C6	100	12	2900	50	3250	57	27	GZ9.5
A1/234	BRJ	64633	11.5	C6	150	15	4500	50	3300	44	30	G6.35
A1/216	FCS	64640	13.5	C6	150	24	4500	50	3300	50	32	G6.35
A1/262	FDS	64643	15	C6	150	24	4300	100	3200	57	34.1	GZ9.5
A1/233	EHJ	64655	13.5	C6	250	24	9000	50	3300	55	33	G6.35
M33	EVC	64657	13.5	C6	250	24	7500	300	3100	55	33	G6.35
-	FLW	-	13.5	C6	300	24	10500	50	3350	55	33	G6.35
A1/239	EVD	64633	16	C6	400	36	15000	50	3300	60	36	G6.35
-	-	64664	16	C6	400	36	13500	150	3100	60	36	G6.35
HPL	-	93725	20	-	575	115	15000	200	3200	106	60.3	G9.5
HPL	-	93728	20	-	575	230	13500	200	3100	106	60.3	G9.5
HPL	-	54602	20	-	750	115	20000	200	3200	106	60.3	G9.5
HPL	-	-	20	-	75	230	18000	200	3100	106	60.3	G9.5
-	FLK	-	20	CC8	575	115	15000	200	3200	101	60.5	G9.5
-	GKV	64716	20	BP	600	230	13000	150	3100	101	60.5	G9.5
-	-	-	23	BP	800	230	19000	150	3100	101	60.5	G9.5
-	FEL	64743	20	CC8	1000	120	25000	200	3200	101	60.5	G9.5
-	FEP	93734	20	CC8	1000	230	23000	200	3100	101	60.5	G9.5
P2/13	DXX	64571	15	CC8	800	230	20000	75	3200	74.9	20	R7s
P1/12	-	64580	10	C8	1000	230	33000	15	3300	121.7	85	R7s
P2/7	EKM	64741	10	C8	1000	230	25000	200	3200	185.7	125	R7s
P2/12	-	64751	12	C8	1250	230	33500	200	3200	185.7	125	R7s
P2/6	FAD	64725	12	CC8	650	120	17000	100	3250	74.9	25	R7s
-	EJG	64561	10	C8	750	120	19800	400	3200	114.2	54	R7s
-	DXW	64577	14	CC8	1000	120	27000	150	3200	92.3	19	R7s
P2/28	FCM	64578	12	C8	1000	120	27000	400	3200	114.2	74	R7s
-	-	-	14	C8	2000	230	50000	200	3200	240	210	SFC10
P2/27	FEX	64781	26	CC8	2000	230	50000	300	3200	138.1	35	RX7s
P/27	FEY	64592	26	CC8	2000	120	54000	200	3250	138.1	25	RX7s

Alternative codes			Bulb	Fila.	Power	Tension	Dia.	avg.life	Color Temp.	Application	a	Base
LIF	ANSI	OSRAM			W	V	mm	hrs	K		mm	
-	-	64617	MR11	C6	75	12	35	25	3050	Microfilm	26	G5.3-4.8
A1/51	-	64624	MR11	C6	100	12	35	25	3050	Microfilm	26	G5.3-4.8
-	EXY	93510	MR13	CC8	250	82	42	200	3200	Slide projection	152.5	GX5.3
-	EXR	93515	MR13	CC8	300	82	42	35	3350	Slide projection	152.5	GX5.3
-	FHS	93520	MR13	CC8	300	82	42	70	3300	Slide projection	152.5	GX5.3
-	EFM	64607	MR16	C8	50	8	50.67	50	3200	8mm projection	32	GZ6.35
-	EFN	64615	MR16	C8	75	12	50.67	50	3200	8mm projection	32	GZ6.35
-	EFP	64627	MR16	C8	100	12	50.67	50	3250	8mm projection	32	GZ6.35
-	EPX	64619	MR16	C8	90	14.5	50.67	500	3100	Microfilm	165	GX5.3
-	EFR	64634	MR16	C8	150	15	50.67	50	3300	8mm projection	32	GZ6.35
-	DDM	54737	MR16	CC6	80	19	50.67	50	3250	Slide projection	155	GX5.3
-	DDL	54660	MR16	CC6	150	20	50.67	500	3100	Microfilm	200	GX5.3
-	EJV	93637	MR16	CC6	150	21	50.67	40	3300	Microfilm	45	GX5.3
-	EKE	93638	MR16	CC6	150	21	50.67	200	3200	8mm projection	45	GX5.3
-	EJL	54730	MR16	CC6	200	24	50.67	50	3300	color printer	32	GX5.3
-	ELC	64653	MR16	CC6	250	24	50.67	50	3300	color printer	30	GX5.3
-	ELC/5H	-	MR16	CC6	250	24	50.67	500	3100	color printer	30	GX5.3
-	ENX	93525	MR16	CC8	360	82	50.67	75	3300	OH projection	300	GY5.3
-	FXL	93526	MR16	CC8	410	82	50.67	50	3300	OH projection	300	GY5.3
-	ENH	93506	MR16	CC8	250	120	50.67	175	3200	Slide projection	155	GY5.3
-	ELH	93518	MR16	CC8	300	120	50.67	35	3300	Slide projection	155	GY5.3
-	ENG	59957	MR16	CC8	300	120	50.67	15	3400	Slide projection	155	GY5.3
Alternative codes			Dia.	Fila.	Power	Frequency	Restart	avg.life	Color Temp.	Overall length	a	Base
PHILIPS	ANSI	OSRAM	mm		W	Hz		million	K	mm	mm	
-	-	-	8	-	50	5	instant	0.3				-
-	-	-	10	-	500	5	instant	0.3				-
-	-	-	10	-	1000	5	instant	1				-
XOP7 OF	-	-	10	-	750	5	instant	1				cap15.8/14.7
XOP15 OF	-	-	10	-	1500	5	instant	1				cap15.8/14.7

Alternative codes		Beam Type	Beam angle	Power W	Tension V	Peak intensity cd	avg.life hrs	Color Temp. K	Overall length mm	a mm	Base
PAR64											
CP60	EXC	VNSP	12° /9°	1000	230	320000	300	3200	204	152.4	GX16d
CP61	EXD	NSP	14° /10°	1000	230	270000	300	3200	204	152.4	GX16d
CP62	EXE	MFL	24° /11°	1000	230	125000	300	3200	204	152.4	GX16d
-	EXG	WFL	-	1000	230	40000	300	3200	204	152.4	GX16d
CP86	-	VNSP	12° /9°	500	230	240000	300	3200	204	152.4	GX16d
CP87	-	NSP	14° /10°	500	230	140000	300	3200	204	152.4	GX16d
CP88	-	MFL	24° /11°	500	230	65000	300	3200	204	152.4	GX16d
-	FFN	VNSP	12° /9°	1000	120	400000	300	3200	204	152.4	GX16d
-	FFP	NSP	14° /10°	1000	120	330000	300	3200	204	152.4	GX16d
-	FFR	MFL	24° /11°	1000	120	125000	300	3200	204	152.4	GX16d
-	FFS	WFL	-	1000	120	40000	300	3200	204	152.4	GX16d
GE:4552	-	VNSP	-	250	28	500000	25	-	204	95	Screw
PAR56											
-	-	VNSP	-	300	230	68000	1000	2800	178	127	Mog End Pr
-	-	NSP	-	300	230	-	1000	2800	178	127	Mog End Pr
-	-	MFL	-	300	230	-	1000	2800	178	127	Mog End Pr
-	-	WFL	-	300	230	-	1000	2800	178	127	Mog End Pr
-	-	MFL	-	300	12	6000lm	1000	2800	178	114	Screw
PAR36											
GE:4515	-	VNSP	-	30	6.4	55000	100	3200	114	70	Screw
GE:4405	-	VNSP	-	30	12.8	50000	100	3200	114	70	Screw
GE:4505	-	VNSP	-	50	28	45000	400	3200	114	70	Screw
GE:4509	-	VNSP	-	100	13	110000	25	3200	114	70	Screw
GE:DWE	-	WFL	-	650	120	24000	100	3200	114	70	Screw
-	-	Flood	White	80	230	1500	1000	2650	124	136	E27
-	-	Flood	Blue	80	230	-	1000	-	124	136	E27
-	-	Flood	Green	80	230	-	1000	-	124	136	E27
-	-	Flood	Red	80	230	-	1000	-	124	136	E27
-	-	Flood	Yellow	80	230	-	1000	-	124	136	E27
-	-	Flood	White	120	230	2300	1000	2650	124	136	E27
-	-	Flood	Blue	120	230	-	1000	-	124	136	E27
-	-	Flood	Green	120	230	-	1000	-	124	136	E27
-	-	Flood	Red	120	230	-	1000	-	124	136	E27
-	-	Flood	Yellow	120	230	-	1000	-	124	136	E27
-	-	Flood	White	150	230	2450	1000	2650	124	136	E27
-	-	Flood	Blue	150	230	-	1000	-	124	136	E27
-	-	Flood	Green	150	230	-	1000	-	124	136	E27
-	-	Flood	Red	150	230	-	1000	-	124	136	E27
-	-	Flood	Yellow	150	230	-	1000	-	124	136	E27