

GE Description	GE Order Code	Osram Description	Philips Description
CSR152/SE	22862	HTI152W	
CSD250/2/SE	27817	HSD250/80	MSD250/2
CSR575/2/T/SE	49492		
CSR575/2/SE	15378	HSR575/72	MSR575/2
CSR700/2/SE	49491		MSR700/2
CSR1200/2/SE	49490		MSR1200/2
CSR700/SA	15380	HTI705W/SE	MSR700/SA
CSR700/SA/72	45234		
CSR1200/SA	21849	HTI1200W/SE	MSR1200/SA
CSR2000SA	21801	HTI1800W/SE	MSR2000/SA
CSR125/SE/HR	48461		MSR125/HR
CSR200/SE/HR	48462	HMI200W/SE	MSR200/HR
CSR400/SE/HR	21853	HMI400W/SE	MSR400/HR
CSR400/SE/HR/75	45238		
CSR575/SE/HR	48463	HMI575W/SE	MSR575/HR
CSR575/SE/HR/UV-C	40460		
CSR800/SE/HR/UV-C	22495		
CSR1200/SE/HR	48464	HMI1200W/SE	MSR1200/HR
CSR1200/SE/HR/UV-C	27764		
CSR2500/SE/HR	48465	HMI2500W/SE	MSR2500/HR
CSR2500/SE/HR/UV-C	40482		
CSR4000/SE/HR	48466	HMI4000W/SE	MSR4000/HR
CSR4000/SE/HR/UV-C	27765		
CSR6000/SE/HR	48467	HMI6000W/SE	MSR6000/HR
CSR6000/SE/HT/UV-C	40492		
CSR12000/SE/HR	48468	HMI12000W/SE	MSR12000/HR
CSR18000/SE/HR	22946	HMI18000W/SE	
Double Ended			
CSR200/DE	48450		
CSR400/S/DE/75	22478	HTI400W/D3/75	MSR400SA/DE
CSR400/S/DE/90	45232		
CSR575/S/DE/70	70979	HMI575W/GS	MSI575
CSR575/SS/DE/75	45231	HMI575W/D5/75	
CSR700/S/DE/60	22493	HTI700W/D4/60	MSR700SA/DE
CSR700/S/DE/75	41357	HTI700W/D4/75	MSR700SA/2/DE
CSR1200/S/DE/72	41361	HTI1200W/D7/75	MSR1200SA/2/DE
CSR1200/S/DE/60	22494	HMI1200W/D7/60	MSR1200SA/DE
CSR1200/DE	48453	HMI1200W/GS	MSI1200
CSR2500/DE	48454	HMI2500W/GS	
CSR4000/DE	48455	HMI4000W	
CSR6000/DE	48456	HMI6000W	
CSR12000/DE	48457	HMI12000W/XS	
CSR18000/DE	48459	HMI18000W/XS	
CSR18000/S/DE	48460		

This table provides a comparison of order information for users converting to GE products.

GE Consumer & Industrial Lighting

CSR/CSD Metal Halide


For your best lighting performance



Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.

For additional product and application information, please consult GE's Website: www.gelighting.com

© General Electric Company 2007

 "General Electric" and "Showbiz" are registered trademarks of the General Electric Company.



imagination at work

Discharge lamps for the world of entertainment

GE's metal halide lamps can be used in a variety of applications including TV & film, stage, concerts, photographic, large screen presentation and color simulation. GE is committed to delivering high performance, reliable products with unique and innovative technologies. The strength of the GE brand and service compliments the high quality range of lamps. The CSR/CSD range of lamps has been developed in both single ended and double-ended configurations to meet various fixture requirements. GE has cold restrike versions for moving lights and hot restrike versions to ensure that, when time matters, there is no delay while lighting units cool.

CSR short double ended

The CSR short double ended range has been further extended to give end users and OEMs a higher color temperature choice. The CSR400/S/DE is available in 7500 and 9000 degrees Kelvin and the CSR 1200/S/DE in 6000 and 7200 degrees Kelvin. These are robustly designed lamps that withstand temperatures as high as 500 degrees Celsius while ensuring constant performance over the life of the lamp. With arc gaps ranging from 3mm to 7mm and uniform dimensions, these lamps enable top operating performance, better optical control, color stability, and superior lumen maintenance.

CSR UV control

The GE UV control line of lamps are one of the newest additions to the GE hot re-strike line of entertainment lamps. These are GE exclusive and offer a 5600 Kelvin color temperature with greater than 85% reduction of total UV emissions with 95% reduction of UVB and UVC. The lamps have a blue base to distinguish from the standard lamps.

CSR/SA lamps

The CSR700/SA, CSR1200/SA, and CSR2000/SA lamps are specially designed to allow maximum seal temperatures of 500 degrees Celsius. These highly versatile lamps are designed to minimize quartz devitrification over the life of the lamp to ensure optimum optical performance. The CSR 700/SA is now available in 7200 degrees Kelvin in addition to the current 5600 degrees Kelvin.

CSD250/2

GE's newly redesigned CSD250/2 provides whiter, brighter light for the moving head fixture industry. This 3000 hour long life lamp with a color temperature of 9000 degrees Kelvin, is suitable for use in studio, concert, nightclub, and architectural applications.

High temperature seals

GE's chromised seal process on many of its entertainment lighting products ensures maximum life performance. Our seals will withstand up to 500 degrees Celsius in many applications to provide fixture manufacturers with flexible options for fixture designs.

Color control

The chemical system of GE CSR lamps enables the lamp color temperature to remain very stable offering superb color stability for the entire life of the lamp.

Lumen maintenance

The consistent chemical bulb wall cleaning design of every CSR lamp creates excellent lumen maintenance performance for the life of the lamp. As a result, 90% of the initial lumen output remains present at the end of the useful lifespan.



UV control

Single ended cold start



Compact, single ended metal halide cold start lamps for a variety of applications requiring high luminance, reliability and excellent color characteristics.

- Excellent color rendering Ra from 70-85+ and high CCT (7200-9000K) with superior color stability
- Universal burn position
- Dimmable with stable color
- High efficiency with excellent lumen maintenance

APPLICATIONS

Stage, concert, sporting events, and entertainment venues using intelligent and moving lights.

CSR CSA



Metal halide short arc lamps. The special chromised seal protection allows an increased maximum operating temperature at the base of 500 °C for added reliability and consistent performance.

- Ra 75+
- 5600-7200K
- Dimmable with stable color
- High efficiency with excellent lumen maintenance

APPLICATIONS

Moving head & intelligent lighting systems, concerts and stage.

Single ended hot restrike



Compact, single ended metal halide hot restrike lamps for a variety of applications requiring high luminance, reliability and excellent color characteristics.

- Excellent color rendering, Ra>90, and high CCT (5600-6000K) with superior color stability
- Universal burn position with hot restrike capability
- Dimmable with stable color
- High efficiency with excellent lumen maintenance

APPLICATIONS

Indoor and outdoor TV and film production, stage, concerts, sporting events, photographic studios, overhead and large screen projection and color simulation.

Double ended hot restrike



Double ended compact source rare earth metal halide hot restrike lamps from GE can be used in a variety of applications requiring high luminance, reliability and excellent color characteristics.

- Industry Standard outline with hot restrike capability
- Excellent color rendering Ra>90 and high CCT (6000K-9000K) with superior color stability
- Dimmable with stable color
- High efficiency with excellent lumen maintenance

APPLICATIONS

Indoor and outdoor TV and film production, stage, concerts, sporting events, photographic studios, overhead and large screen projection and color simulation.

Type	Rated Power	Bulb	Base	Lumens	Burning Position	Efficacy	Color Temp.	CRI	Rated Voltage	Rated Life	Dimension A	Dimension B	Dimension C	Figure No.	Pack Qty.	Order Code
	W			lm		lm/W	K	Ra	V	Hrs	mm	mm	mm			
Single Ended																
Cold Start																
CSD250/2/SE	250	T7	GY9.5	18000	Any	72	9000	70+	94	3000	108	55	5	2	10	27817
CSR575/2/T/SE	575	T9	GX9.5	42000	Any	85	7200	80+	97	1000	125	65	7	2	10	49492
CSR575/2/SE	575	T9	GX9.5	46000	Any	85	7200	80+	97	1000	125	65	7	2	10	15378
CSR700/2/SE	700	T9	G22	55000	Any	79	7200	80+	70	1000	155	75	8	2	10	49491
CSR1200/2/SE	1200	T12	G22/30X53	110000	Any	92	7200	85+	100	800	175	85	10	2	6	49490
SA																
CSR700/SA	700	G7	GY9.5	58000	Any	82	5600	75+	70	500	85	39	4	6	10	15380
CSR700/SA/72	700	G7	GY9.5	58000	Any	82	7200	70+	70	500	85	39	4	6	10	45234
CSR1200/SA	1200	G9	GY22	96000	Any	83	5600	80+	100	750	135	59	7	6	6	21849
CSR2000SA	1800	G9	GY22	155000	Any	86	6000	80+	100	750	135	59	7	6	6	21801
Hot Restrike																
CSR125/SE/HR	125	T5	GZX9.5	9400	Any	75	5600	90+	80	200	75	39	4	1	10	48461
CSR200/SE/HR	200	T6	GZY9.5	15000	Any	75	5600	90+	70	200	80	39	5	1	10	48462
CSR400/SE/HR	400	T6	GZZ9.5	32000	Any	80	6000	90+	70	750	110	60	6	1	10	21853
CSR400/SE/HR/75	400	T7	GZZ9.5	28000	Any	70	7500	70+	90	1500	110	60	6	1	10	45238
CSR575/SE/HR	575	T9	G22	48000	Any	83	6000	90+	95	750	145	70	7	1	10	48463
CSR575/SE/HR/UV-C	575	T9	G22	48000	Any	83	5600	90+	95	750	145	70	7	1	10	40460
CSR800/SE/HR/UV-C	800	T9	G22	64000	Any	80	5800	90+	95	750	145	70	7	1	10	22495
CSR1200/SE/HR	1200	T13	G38	110000	Any	92	6000	90+	100	750	200	107	10	1	6	48464
CSR1200/SE/HR/UV-C	1200	T13	G38	110000	Any	92	5600	90+	100	750	200	107	10	1	6	27764
CSR2500/SE/HR	2500	T20	G38	220000	Any	88	6000	90+	115	500	240	127	14	1	6	48465
CSR2500/SE/HR/UV-C	2500	T20	G38	220000	Any	88	5600	90+	115	500	240	127	14	1	6	40482
CSR4000/SE/HR	4000	T24	G38	380000	Any	95	6000	90+	200	500	250	142	24	1	6	48466
CSR4000/SE/HR/UV-C	4000	T24	G38	380000	Any	95	5600	90+	200	500	250	142	24	1	6	27765
CSR6000/SE/HR	6000	T26	G38	540000	Any	90	6000	90+	130	300	360	210	26	1	6	48467
CSR6000/SE/HR/UV-C	6000	T26	G38	540000	Any	90	5600	90+	130	300	360	210	26	1	6	40492
CSR12000/SE/HR	12000	T32	G38	1100000	Any	92	6000	90+	160	250	450	255	28	1	4	48468
CSR18000/SE/HR	18000	T32	G51	1650000	Any	92	6000	90+	225	250	460	260	35	1	1	22496
Double Ended																
CSR200/DE	200	T4.4	X515	16000	H15	80	6000	90+	80	300	75	14	8	4	10	48450
CSR400/S/DE/75	400	T6.5	SFc 10-4 SI/M4	26000	Any	65	7500	80+	49	750	135	18	3	4	10	22478
CSR400/S/DE/90	400	T6.5	SFc 10-4 SI/M4	26000	Any	60	9000	65+	49	750	138	18	3	4	10	45232
CSR575/S/DE/70	575	T6.5	SFc 10-4 SI/M4	40000	Any	70	7000	75+	95	750	138	21	7	4	10	70979
CSR575/SS/DE/75	575	T6.5	SFc 10-4 SI/M4	44000	Any	76	7500	70+	100	500	92	14	5	4	10	45231
CSR700/S/DE	700	T6.5	SFc 10-4 SI/M4	59000	Any	84	6000	85+	70	750	135	18	4	4	10	22493
CSR700/S/DE/75	700	T6.5	SFc 10-4 SI/M4	59000	Any	84	7500	75+	70	750	138	18	4	4	10	41357
CSR1200/S/DE/60	1200	T6.5	SFc 10-4 SI/M4	110000	H15	92	6000	90+	100	750	135	18	7	4	10	22494
CSR/1200/S/DE/72	1200	T6.5	SFc 10-4 SI/M4	110000	Any	83	7200	75+	100	750	138	18	7	4	10	41361
CSR1200/DE	1200	T8.5	SFc 15.5-6 SI/M6	110000	Any	92	6000	90+	100	750	220	27	10	3	6	48453
CSR2500/DE	2500	T9.5	Sfa 21-12	240000	Any	96	6000	90+	115	500	355	30	14	4	6	48454
CSR4000/DE	4000	T12	Sfa 21-12	410000	H15	103	6000	90+	200	500	405	38	34	4	6	48455
CSR6000/DE	6000	T16	25x51 Cyl 165mm	570000	H15	95	6000	90+	125	300	450	52	24	5	6	48456
CSR12000/DE	12000	T22.5	30x70 Cyl 165mm	1100000	H15	92	6000	90+	160	300	514	72	32	5	4	48457
CSR18000/DE	18000	T28	30x70 Cyl 165mm	1650000	H15	92	6000	90+	225	300	500	88	45	5	4	48459
CSR18000/S/DE	18000	T28	30x70 Cyl 165mm	1650000	H15	92	6000	90+	225	300	470	88	45	5	4	48460

