

## MSR Entertainment MSR Hot Restrike



### MSR Hot Restrike –instant daylight at any time

Thanks to an optimized color temperature and a high color rendering index, the MSR Hot Restrike creates perfect 'daylight' in any condition. Also, the single ended lamp design enables hot re-ignition, which ensures daylight lighting and superb color rendition is always instantly available. They also incorporate the innovative P3 technology, developed by Philips, which allows use at higher temperatures and therefore extends lifetime and consistency of high-quality light output.

### Product Features

- Philips Pinch Protection
- MSR filling
- Optimal discharge tubes geometry
- High efficacy
- Single ended lamp concept
- Hot Restrike capability

### Product Benefits

- Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time
- Perfect daylight color due to 6,000 K temperature with excellent color characteristics required for the set
- No arc movement

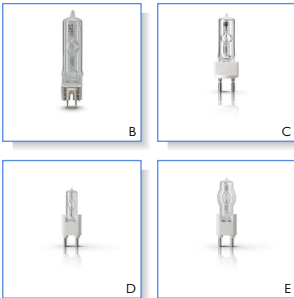
- High lumen output
- High beam intensity
- Hot re-ignition is possible ensuring the availability of the light at any time

### Application

- Indoor and outdoor filming
- Theaters
- Professional photography
- Solar simulation

### System

- Can be operated on an electronic power supply or a magnetic ballast-ignitor combination
- Hot re-ignition is possible with a high voltage peak of 25-55 kV



**Philips Pinch Protection technology**

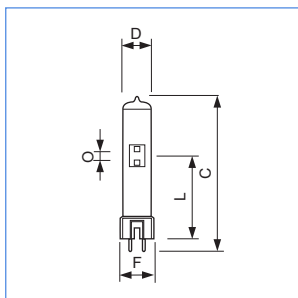
- **Reliability**, through longer lifetime and fewer early failures.
- **Quality**, through excellent storage characteristics and consistent performance over time.
- **Compactness**, allowing more compact design of fixtures and burning positions.

For 2500W and higher

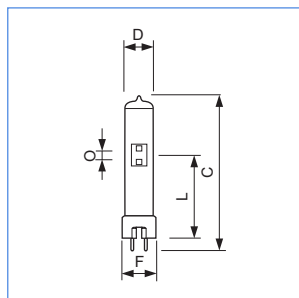
Type	Wattage	Additional Information	Packing type	Packing configuration	Colour Temperature (K)	Colour Rendering Index (R <sub>a</sub> )	Operating Position	Dim. no.	Photo letter	Ordering number
MSR	125W		ICT	40	6,000	92	any	1	B	872790092248600
MSR	125W		ICT	4	6,000	92	any	1	B	871150019496145
MSR	200W		ICT	40	6,000	92	any	2	B	872790092416900
MSR	200W		ICT	4	6,000	92	any	2	B	871150019237045
MSR	250W		ICT	40	6,000	90	any	3	B	872790091749900
MSR	250W		ICT	4	6,000	90	any	3	B	871150020978845
MSR	400W		ICT	4	6,000	92	any	4	B	871829122796000
MSR	400W		ICT	40	6,000	92	any	4	B	872790091458000
MSR	400W		ICT	4	6,000	92	any	4	B	871150019424445
MSR	400W		UNP	128	6,000	92	any	4	B	871150020758639
MSR	575W		ICT	4	6,000	90	any	5	C	871829122105000
MSR	575W		ICT	8	6,000	90	any	5	C	872790091640900
MSR	575W	UV-block	ICT	4	6,000	90	any	5	C	872790083468000
MSR	575W	UV-block	ICT	8	6,000	90	any	5	C	872790091650800
MSR	575W		ICT	4	6,000	90	any	5	C	871150019024645
MSR	1200W		ICT	2	6,000	95	any	6	D	872790092606400
MSR	1200W		ICT	4	6,000	95	any	6	D	871150019186145
MSR	2500W		ICT	2	6,080	90	any	7	E	872790092608800
MSR	2500W		ICT	4	6,080	90	any	8		871150066357345
MSR	2500W		ICT	2	6,080	90	any	8		872790092678100
MSR	2500W		ICT	2	6,000	95	any	7	E	872790092604000
MSR	2500W		ICT	4	6,000	95	any	7	E	871150019189245
MSR	2500W		ICT	4	6,080	90	any	7	E	871150020921445
MSR	4000W		ICT	1	7,270	91	any	9	E	872790092676700
MSR	4000W		ICT	1	6,003	91	any	9	E	872790092674300
MSR	4000W		ICT	1	6,000	91	any	10		872790092672900
MSR	4000W		UNP	1	7,270	91	any	9	E	871150019466400
MSR	4000W		UNP	1	6,003	91	any	9	E	871150020683100
MSR	6000W		UNP	1	6,000	95	any	11	A	872790087222400
MSR	6000W		UNP	1	6,000	95	any	11	A	871150020093800
MSR	6000W		UNP	1			any	12		871150021266500
MSR	12000W		UNP	1	6,000	95	any	13	A	872790087235400
MSR	12000W		UNP	1	6,000	95	any	13	A	871150020257400
MSR	18000W		UNP	1	6,000	90	any	14	A	871150021291700

4-2008010

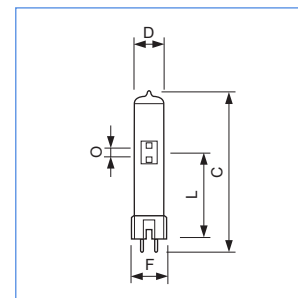
## MSR Entertainment MSR Hot Restrike



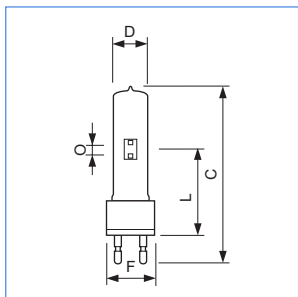
Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
1	77	17	23.5	39	4



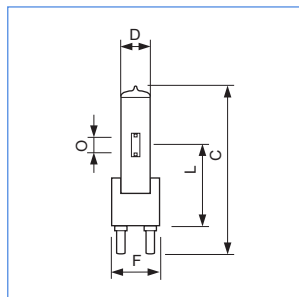
Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
2	80	20	23.5	39	5
3	110	23	23.5	59	5



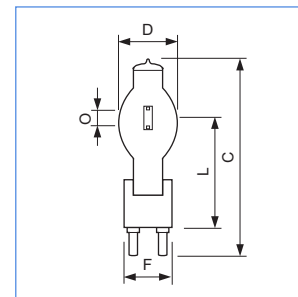
Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
4	110	23	23.5	60	6



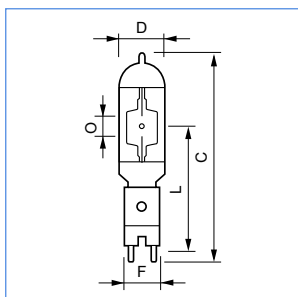
Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
5	145	30	42	70	7



Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
6	200	40	65	107	10



Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
7	240	60	65	127	14
8	240	60	65	127	14
9	255	77	65	142	20
10	255	77	65	142	20



Dim. no.	C max.	D max.	F nom.	L nom.	O nom.
11	375	74	62	210	23
12					
13	460	103	71	255	30
14	490	103	78	260	44

### Additional technical data

Product name	Cap-Base	Luminous Flux Lamp EM	Luminous Efficacy Lamp EM	Life to 50% failures EM (h)	Lamp Current (A)
		(lm)	(lm/W)		
MSR 4000 HR/J	G38	370000	93	500	25.00
MSR 2500 HR/J	G38	228000	91	500	25.60
MSR 575 HR UV-block	G22	46000	81	1000	6.95
MSR 4000 HR/J/F	G38	370000	93	500	25.00
MSR 575 HR	G22	49000	85	1000	6.95
MSR 400 HR	GZZ9.5	32000	80	1000	6.90
MSR 2500 HR/J/F	G38	228000	91	500	25.60
MSR 6000 HR	GY38	570000	95	300	55.00
MSR 12000 HR	GY38	1120000	93	300	84.00
MSR 200 HR	GZY9.5	15000	75	200	3.30
MSR 125 HR	GZX9.5	9400	75	200	1.90
MSR 250 HR	GZY9.5	20000	80	750	2.60
MSR 4000 HR	G38	380000	95	500	27.50
MSR 1200 HR	G38	110000	91	1000	13.80
MSR 2500 HR	G38	240000	96	500	25.60
MSR 6000 HR/F	GY38	-	-	-	-
MSR 18000 HR	GX51	1650000	92	300	77.60

MSR Entertainment  
MSR Hot Restrike

Product name	Ignition Supply Voltage (V [min.])	Bulb Temperature (°C [max.])	Pinch Temperature (°C [max.])	Dimmable
MSR 4000 HR/J	342	700	450	no
MSR 2500 HR/J	198	700	450	no
MSR 575 HR UV-block	198	700	350	yes
MSR 4000 HR/J/F	342	700	450	no
MSR 575 HR	207	700	350	yes
MSR 400 HR	207	700	350	yes
MSR 2500 HR/J/F	198	700	450	yes
MSR 6000 HR	207	700	400	yes
MSR 12000 HR	360	700	400	no
MSR 200 HR	207	700	350	yes
MSR 125 HR	207	700	350	yes
MSR 250 HR	198	650	350	no
MSR 4000 HR	342	700	450	yes
MSR 1200 HR	207	700	350	yes
MSR 2500 HR	207	700	450	yes
MSR 6000 HR/F	-	-	-	no
MSR 18000 HR	360	700	450	yes

## Logistic data

Product name	Packing type	Packing type description	Packs per outer box	Packing configuration
MSR 4000 HR/J	ICT	1 Carton	1	1
MSR 2500 HR/J	ICT	1 Carton	2	2
MSR 575 HR UV-block	ICT	1 Carton	8	8
MSR 575 HR UV-block	ICT	1 Carton	4	4
MSR 4000 HR/J/F	ICT	1 Carton	1	1
MSR 575 HR	ICT	1 Carton	4	4
MSR 575 HR	ICT	1 Carton	8	8
MSR 400 HR	ICT	1 Carton	4	4
MSR 2500 HR/J/F	ICT	1 Carton	2	2
MSR 2500W HR/J/F IDODF	ICT	1 Carton	4	4
MSR 6000 HR	UNP	Unpacked	1	1
MSR 12000 HR	UNP	Unpacked	1	1
MSR 200 HR	ICT	1 Carton	40	40
MSR 125 HR	ICT	1 Carton	4	4
MSR 200 HR	ICT	1 Carton	4	4
MSR 400 HR	ICT	1 Carton	40	40
MSR 250 HR	ICT	1 Carton	4	4
MSR 4000 HR	ICT	1 Carton	1	1
MSR 250 HR	ICT	1 Carton	40	40
MSR 400 HR	ICT	1 Carton	4	4
MSR 400 HR	UNP	Unpacked	128	128
MSR 125 HR	ICT	1 Carton	40	40
MSR 575 HR	ICT	1 Carton	4	4
MSR 1200 HR	ICT	1 Carton	2	2
MSR 1200 HR	ICT	1 Carton	4	4
MSR 2500 HR	ICT	1 Carton	2	2
MSR 2500 HR	ICT	1 Carton	4	4
MSR 6000 HR	UNP	Unpacked	1	1
MSR 4000 HR	UNP	Unpacked	1	1
MSR 12000 HR	UNP	Unpacked	1	1
MSR 2500 HR/J	ICT	1 Carton	4	4
MSR 4000 HR/J	UNP	Unpacked	1	1
MSR 6000 HR/F	UNP	Unpacked	1	1
MSR 18000 HR	UNP	Unpacked	1	1

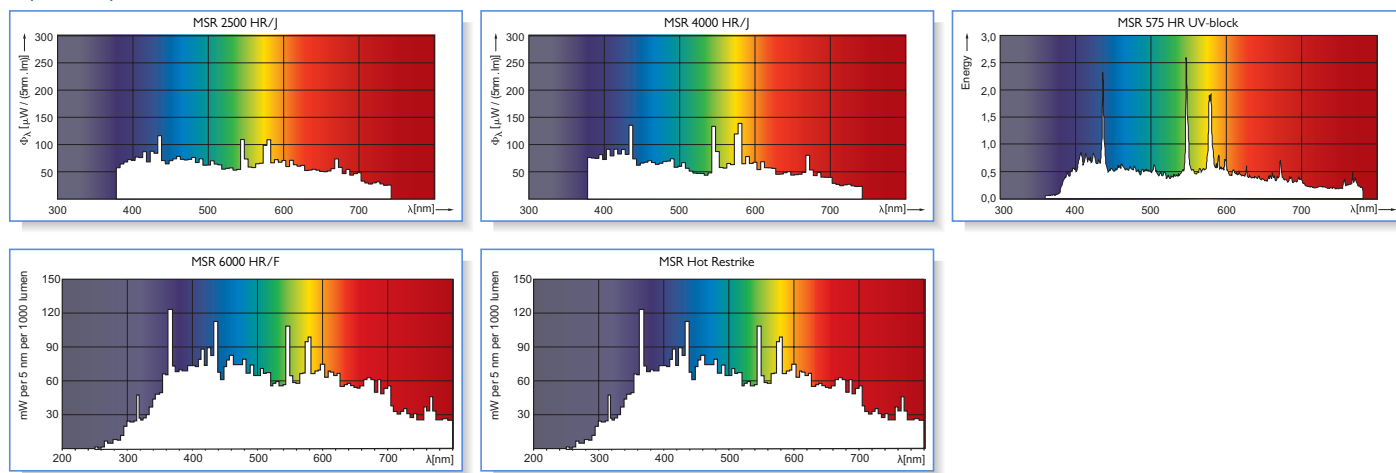
Product name	Quantity per pack	Packing length (mm)	Packing width (mm)	Packing height (mm)	Gross weight per piece (g)	Net weight per piece (g)
MSR 4000 HR/J	1	400	250	182	867	356
MSR 2500 HR/J	1	400	250	182	604	305
MSR 575 HR UV-block	1	400	250	182	189	100
MSR 575 HR UV-block	1	428	122	237	232	100
MSR 4000 HR/J/F	1	400	250	182	876	365
MSR 575 HR	1	224	169	213	206	100
MSR 575 HR	1	400	250	182	189	100
MSR 400 HR	1	218	135	138	116	34
MSR 2500 HR/J/F	1	400	250	182	604	305
MSR 2500W HR/J/F IDODF	1	468	142	307	504	305
MSR 6000 HR	1	600	360	320	4980	720
MSR 12000 HR	1	710	390	370	6800	1300
MSR 200 HR	1	400	250	182	59	20
MSR 125 HR	1	156	79	117	55	20
MSR 200 HR	1	156	79	117	55	20
MSR 400 HR	1	400	250	182	67	34
MSR 250 HR	1	228	92	162	83	30
MSR 4000 HR	1	400	250	182	867	356
MSR 250 HR	1	400	250	182	63	30

More data see next page

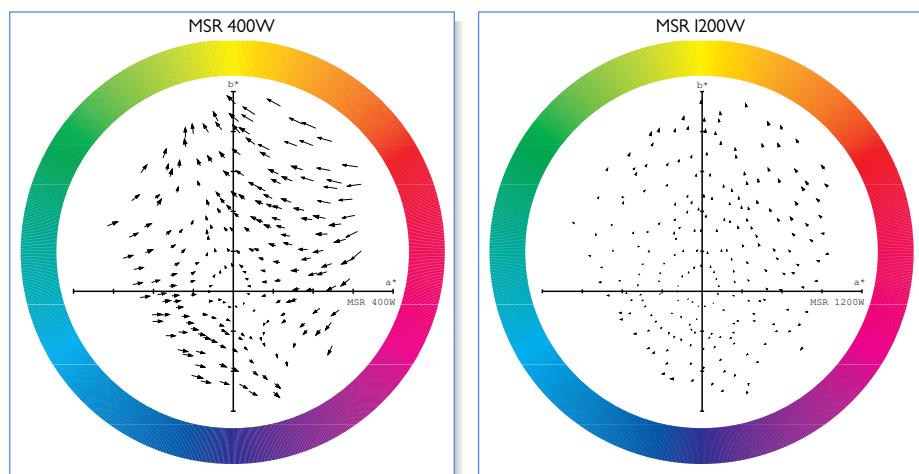
## MSR Entertainment MSR Hot Restrike

Product name	Quantity per pack	Packing length (mm)	Packing width (mm)	Packing height (mm)	Gross weight per piece (g)	Net weight per piece (g)
MSR 400 HR	1	228	92	162	86	34
MSR 400 HR	1	560	360	170	45	34
MSR 125 HR	1	400	250	182	62	18
MSR 575 HR	1	428	122	237	187	100
MSR 1200 HR	1	400	250	182	574	275
MSR 1200 HR	1	468	142	307	471	275
MSR 2500 HR	1	400	250	182	604	305
MSR 2500 HR	1	468	142	307	501	305
MSR 6000 HR	1	560	250	255	1905	749
MSR 4000 HR	1	185	165	360	658	356
MSR 12000 HR	1	740	235	235	2700	1250
MSR 2500 HR/J	1	468	142	307	506	305
MSR 4000 HR/J	1	185	165	360	658	356
MSR 6000 HR/F	1	560	250	255	1905	749
MSR 18000 HR	1	740	235	230	3260	1800

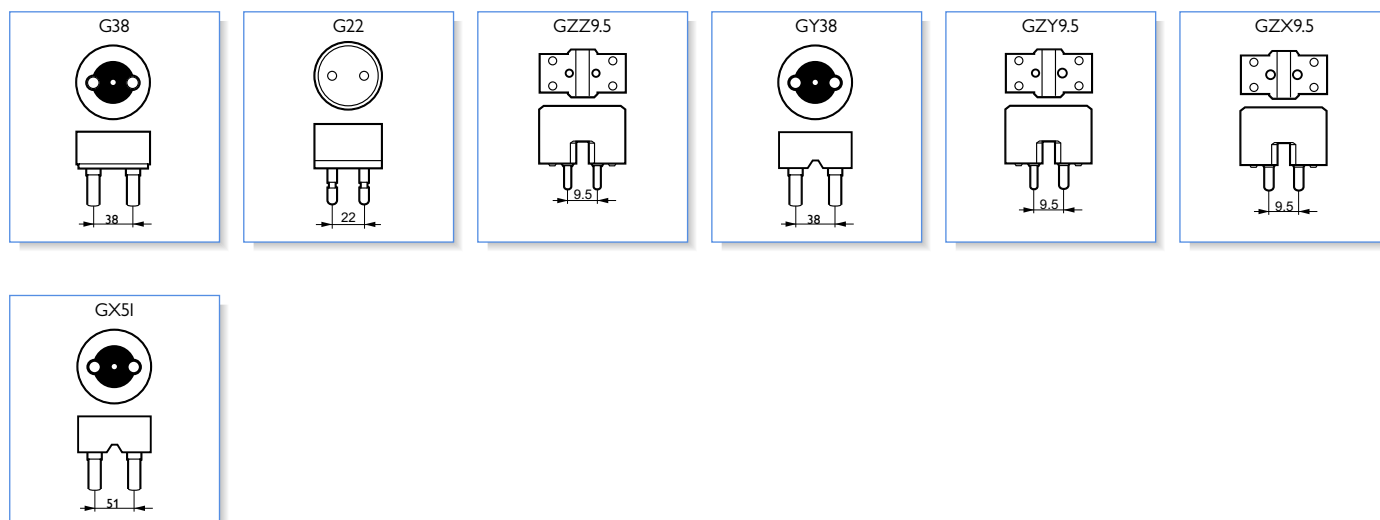
### Spectral power distribution



### CRV diagrams



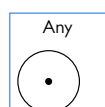
## Cap/base



## Additional extended technical data

Product name	Chromaticity Coordinate X	Chromaticity Coordinate Y	Main Application	System Description
MSR 4000 HR/J	323	318	Film/Studio	Hot Restrike/Japan
MSR 2500 HR/J	322	314	Indoor & Outdoor filming	Hot Restrike/Japan
MSR 575 HR UV-block	324	329	Studio/Theatre	Hot restrike
MSR 4000 HR/J/F	323	318	Indoor & Outdoor filming	HR/J/F
MSR 575 HR	323	328	Studio/Theatre	Hot restrike
MSR 400 HR	323	328	Studio/Theatre	Hot restrike
MSR 2500 HR/J/F	322	314	Indoor & Outdoor filming	HR/J/F
MSR 6000 HR	323	328	Indoor & Outdoor filming	Hot restrike
MSR 12000 HR	321	320	Indoor & Outdoor filming	Hot restrike
MSR 200 HR	323	323	Studio/Theatre	Hot restrike
MSR 125 HR	332	326	Studio/Theatre	Hot restrike
MSR 250 HR	309	320	TV/Film/Studio	Hot restrike
MSR 4000 HR	304	310	Indoor & Outdoor filming	Hot restrike
MSR 1200 HR	323	328	Studio/Theatre	Hot restrike
MSR 2500 HR	323	328	Indoor & Outdoor filming	Hot restrike
MSR 6000 HR/F	-	-	Indoor & Outdoor filming	HR/F
MSR 18000 HR	323	328	Indoor & Outdoor filming	Hot restrike

## Burning position



## Distributor:



Phone: 407-857-8770  
Fax: 407-857-8771  
Email: sales@techni-lux.com