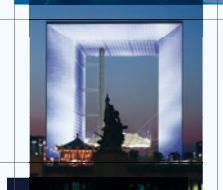
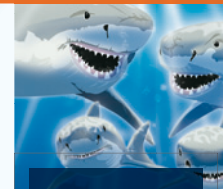


Halogen-Metaldampflampen für Entertainment, Architainment, Projektions- und Lichtleiteranwendungen / Metal halide lamps for entertainment, architainment, projection and light-guide applications

OSRAM	Socket / Base	Lichtstrom / Luminous flux (lm)	Farbtemp. / Color temp. (K)	Elektrodenabstand / Electrode gap (cold) (mm)	Mittlere Lebensdauer / Average life (h)	Brennstellung / Burning position	Heißwiederzündung / Hot restart	Radium	Philips	GE	Ushio	SLI	Koto
<b>HMI® Halogen-Metaldampflampen / HMI® metal halide lamps</b>								<b>entspricht / corresponding to:</b>					
<i>Einseitig gesockelt / Single-ended</i>													
HMI 200 W / SE	GZY 9.5	16,000	6,000	5	200	beliebig / any	ja / yes	RSI 200 W / SE	MSR 200 W HR	CSR 200 / SE / HR		BA 200 W SE HR	DIS - 2 H
HMI 250 W / SE	FaX 1.5	16,200	6,000	5	250	p45	ja / yes	RSI 250 W / SE					
HMI 400 W / SE	GZZ 9.5	33,000	6,000	6	650	beliebig / any	ja / yes	RSI 400 W / SE	MSR 400 W HR			BA 400 SE HR	
HMI 575 W / SEL XS	G 22	49,000	6,000	7	1000	beliebig / any	ja / yes	RSI 575 W / SEL	MSR 575 W HR				
HMI 700 W / SE XS	G 22	56,000	6,000	7	750	beliebig / any	ja / yes						
HMI 1200 W / SEL XS	G 38	110,000	6,000	10	1000	beliebig / any	ja / yes	RSI 1200 W / SEL	MSR 1200 W HR				
HMI 2500 W / SE XS	G 38	240,000	6,000	14	500	beliebig / any	ja / yes	RSI 2500 W / SE	MSR 2500 W HR	CSR 2500 / SE / HR	USR - 2500	BA 2500 SE HR	DIS - 25 H
HMI 4000 W / SE XS	G 38	380,000	6,000	20	500	beliebig / any	ja / yes	RSI 4000 W / SE	MSR 4000 W HR	CSR 4000 / SE / HR	USR - 4000		DIS - 40 H
HMI 6000 W / SE XS	G 38	600,000	6,000	23	500	s135	ja / yes		MSR 6000 W HR	CSR 6000 / SE / HR			DIS - 60 H
HMI 12000 W / SE XS	G 38	1,150,000	6,000	28	300	s135	ja / yes		MSR 12000 W HR	CSR 12000 / SE / HR			DIS - 120 H
HMI 12000 W / SE / GX51 XS	GX 51	1,150,000	6,000	28	300	s135	ja / yes		MSR 18000 W HR	CSR 18000 / SE / HR			
HMI 18000 W / SE / GX51 XS	GX 51	1,600,000	6,000	44	300	s135	ja / yes						
<i>Zweiseitig gesockelt / Double-ended</i>													
HMI 575 W / DXS	SFc 10-4	49,000	6,000	7	1,000	beliebig / any	ja / yes	RSI 575 W / GS	MSI 575 W	CSR 575 / DE	UMI - 575 / GS	BA 575 W DE	DI - 6
HMI 1200 W / DXS	SFc 15.5-6	110,000	6,000	10	1,000	beliebig / any	ja / yes	RSI 1200 W / GS	MSI 1200 W	CSR 1200 / DE	UMI - 1200 / GS	BA 1200 W DE / S	DI - 12
HMI 2500 W / DXS <sup>10)</sup>	SFa 21-12	240,000	6,000	14	500	p30	ja / yes	RSI 2500 W	MSI 2500 W	CSR 2500 / DE	UMI - 2500 / GS	BA 2500 W DE	DI - 25
HMI 2500 W / S	SFa 21-12 <sup>2)</sup>	240,000	6,000	14	500	p30	ja / yes						DI - 25 / S
HMI 4000 W / DXS	SFa 21-12	380,000	6,000	34	500	p15	ja / yes	RSI 4000 W	MSI 4000 W	CSR 4000 / DE	UMI - 4000	BA 4000 W DE	DI - 40
HMI 6000 W / DXS	S 25.5 x 60	570,000	6,000	21	500	p15	ja / yes	RSI 6000 W	MSI 6000 W	CSR 6000 / DE	UMI - 6000	BA 6000 W DE	DI - 60
HMI 12000 W / DXS	S 30 x 70	1,150,000	6,000	25	500	p15	ja / yes	RSI 12000 W / GS	MSI 12000 W	CSR 12000 / DE	UMI - 12000	BA 12000 W DE	DI - 120 HV
HMI 18000 W / DXS	S 30 x 70	1,700,000	6,000	44	300	p15	ja / yes			CSR 18000 / DE	UMI - 18000		DI - 180
HMI 24000 W / DXS	S 30 x 70	2,300,000	6,000	50	375	p15	ja / yes						
<b>HTI® mit Kaltlichtreflektor / HTI® with cold light reflector</b>													
HTI 250 W / 32	Contact pins <sup>2)</sup>	--	5,600	2.5	250	p20	ja / yes						
HTI 250 W / 32 C	Cable <sup>2)</sup>	--	5,600	2.5	250	p20	ja / yes						
HTI 250 W / 22	Contact pins <sup>2)</sup>	--	5,600	2.5	250	p20	ja / yes						
HTI 250 W / 22 C	Cable <sup>2)</sup>	--	5,600	2.5	250	p20	ja / yes						
HTI 400 W / 24	Cable <sup>2)</sup>	--	5,600	4	250	p20	ja / yes				~ UMR 400		
HTI 403 W / 24	Cable <sup>2)</sup>	--	5,600	4	750	p20	ja / yes						
HTI 404 W / 24	Cable <sup>2)</sup>	--	5,600	3	500	p20	ja / yes						
<b>HTI®, HSR®, HSD® Halogen-Metaldampflampen / HTI®, HSR®, HSD® metal halide lamps</b>													
<i>HTI® einseitig gesockelt / HTI® single-ended</i>													
HTI S 35 / 12	P 32d-2 <sup>2)</sup>	3,200	4,300	4.2	3,000	p10	ja / yes		MPXL - DL 35				
HTI 150 W	GY 9.5 <sup>2)</sup>	9,500	6,900	5	750	beliebig / any <sup>5)</sup>	nein / no						
HTI 152 W	GY 9.5 <sup>2)</sup>	10,000	5,000	6.8	2,000	beliebig / any <sup>5)</sup>	nein / no			~ CSS 150 <sup>9)</sup>			
HTI 250 W / SE	FaX 1.5 <sup>2)</sup>	16,000	4,900	2.5	250	p45 <sup>6)</sup>	ja / yes						
HTI 400 W / SE	FaX 1.5 <sup>2)</sup>	28,000	4,800	4	250	p45 <sup>6)</sup>	ja / yes						
HTI 403 W / SE	FaX 1.5 <sup>2)</sup>	28,000	4,800	4	750	p45 <sup>6)</sup>	ja / yes						
HTI 404 W / SE	FaX 1.5 <sup>2)</sup>	28,000	4,800	3	500	p45 <sup>6)</sup>	ja / yes						
HTI 405 W / SE	GY 9.5 <sup>2)</sup>	28,000	4,800	3	500	p45 <sup>6)</sup>	nein / no		MSR 400 SA	CSR 400 / SA			
HTI 600 W / SE	FaX 1.5 <sup>2)</sup>	48,000	5,300	5.5	300	p45 <sup>6)</sup>	ja / yes					BA 600 SE SA	
HTI 700 W / SE / 75	FaX 1.5 <sup>2)</sup>	59,000	7,500	4	750	beliebig / any	ja / yes						
HTI 705 W / SE	GY 9.5 <sup>2)</sup>	59,000	5,500	4	500	p45 <sup>6)</sup>	nein / no		MSR 700 SA	CSR 700 SA		BA 700 SE SA	
<i>HTI® einseitig gesockelt / HTI® single-ended</i>													
HTI 1200 W / SE	GY 22 <sup>2)</sup>	99,000	5,400	7	750	s135 <sup>6)</sup>	ja / yes		MSR 1200 SA	CSR 1200 SA			
HTI 2500 W / SE	GY 22+cable <sup>8)</sup>	240,000	6,000	14	600	s135	ja / yes						

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# Metal halide lamps

Halogen-Metaldampflampen für Entertainment, Architainment, Projektions- und Lichtleiteranwendungen / Metal halide lamps for entertainment, architainment, projection and light-guide applications

SEE THE WORLD IN A NEW LIGHT

**OSRAM**

OSRAM	Socket / Base	Lichtstrom / Luminous flux (lm)	Farbtemp. / Color temp. (K)	Elektroden-abstand / Electrode gap (cold) (mm)	Mittlere Lebensdauer / Average life (h)	Brennstellung / Burning position	Heißwieder-zündung / Hot restart	Radium	Philips	GE	Ushio	SLI	Koto
<b>HTI®, HSR®, HSD® Halogen-Metaldampflampen/HTI®, HSR®, HSD® metal halide lamps</b>								<b>entspricht / corresponding to:</b>					
<i>SharXS® HTI®, zweiseitig gesockelt/SharXS® HTI®, double-ended</i>													
SharXS HTI 200 W / D3 / 70	Pre-focus SFc10-4	13,000	7,000	3	3,000	beliebig / any							
SharXS HTI 400 W / D3 / 75	Pre-focus SFc10-4	26,000	7,500	3	1,000	beliebig / any			MSR 400 W SA / 2 DE	CSR 400 DE / S			
SharXS HTI 575 W / D4 / 75	Pre-focus SFc10-4	46,000	7,500	4	750	beliebig / any							
SharXS HTI 700 W / D4 / 60	Pre-focus SFc10-4	59,000	6,000	4	750	beliebig / any			MSR 700 W SA / DE	CSR 700 DE / S		BA 700 DE / S	
SharXS HTI 700 W / D4 / 75	Pre-focus SFc10-4	59,000	7,500	4	750	beliebig / any			MSR 700 W SA / 2 / DE	CSR 700 DE / S / 2			
SharXS HTI 1200 W / D7 / 60	Pre-focus SFc10-4	110,000	6,000	7	750	beliebig / any			MSR 1200 W SA / DE	CSR 1200 DE / S		BA 1200 DE / S	
SharXS HTI 1200 W / D7 / 75	Pre-focus SFc10-4	110,000	7,500	7	750	beliebig / any			MSR 1200 SA / 2 / DE	CSR 1200 DE / S / 2			
SharXS HTI 1500 W / D7 / 60	Pre-focus SFc10-4	155,000	6,000	7	750	beliebig / any			MSR 1500 W SA / DE	CSR 1500 DE / S			
<i>Baby SharXS® HTI®</i>													
Baby SharXS HTI 250 W / D5 / 80	SFc10-4	18,000	8,000		3000	beliebig / any							
Baby SharXS HTI 300 W / D5 / 57	SFc10-4	20,000	5,700		3000	beliebig / any							
Baby SharXS HTI 300 W / D5 / 65	SFc10-4	22,000	6,500		750	beliebig / any							
Baby SharXS HTI 400 W / D5 / 60	SFc10-4	33,000	6,000		750	beliebig / any							
Baby SharXS HTI 575 W / D5 / 56	SFc10-4	43,000	5,600		500	beliebig / any							
Baby SharXS HTI 575 W / D5 / 75	SFc10-4	43,000	7,500		750	beliebig / any			MSR 575 W SA / 2 / DE	CSR 575 DE			
<i>HTI® zweiseitig gesockelt/HTI® double-ended</i>													
HTI 2500W/DEL	special with cable	270,000	6,000	25	2,000	p45	ja / yes		MNH 2500W SA				
<i>HSR® mit Außenkolben/HSR® with outer bulb</i>													
HSR 400/60	GX 9.5	33,000	6,000	5	1,000	beliebig / any	nein / no	RSR 400	MSR 400 W			BA 400 SE NHR	
HSR 575/60	GX 9.5	49,000	6,000	7	1,000	beliebig / any	nein / no	RSR 575 / 2	MSR 575 W			BA 575 SE NHR	
HSR 575/72	GX 9.5	49,000	7,200	7	1,000	beliebig / any	nein / no	RSR 575 / 72	MSR 575 W / 2	CSR 575 / 2 / SE			
HSR 700/60	G 22	58,000	6,000	8	1,000	beliebig / any	nein / no	RSR 700	MSR 700 / 2	CSR 700 / 2 / SE		BA 700 SE NHR	DIS - 7
HSR 1200/60	G 22	110,000	6,000	10	1,000	beliebig / any	nein / no	RSR 1200 / 2	MSR 1200 / 2	CSR 1200 / 2 / SE		BA 1200 SE NHR	DIS - 12
<i>HSD® 4ArXS Quarz mit Außenkolben/HSD® 4ArXS quartz with outer bulb</i>													
4ArXS HSD 150W/70	G 12	12,000	7,000	5	3,000	beliebig / any	nein / no		MSD 150 / 2			BA 150 SE D	
4ArXS HSD 150W/UL/75	G 12	11,000	7,000	5.5	6,000	beliebig / any	nein / no						
4ArXS HSD 200W/60	GY 9.5	13,000	6,000	5	2,000	beliebig / any	nein / no	RSD 200	MSD 200			BA 200 SE D	
4ArXS HSD 250W/60	GY 9.5	17,000	6,000	5	2,000	beliebig / any	nein / no	RSD 250	MSD 250			BA 250 SE D	
4ArXS HSD 250W/UL/75	GY 9.5	15,000	7,500	5	6,000	beliebig / any	nein / no						
4ArXS HSD 250W/80	GY 9.5	17,000	8,000	7	3,000	beliebig / any	nein / no	RSD 250 / 2	MSD 250 / 2	CSD 250 / 2 / SE		BA 250 / 2 SE D	
4ArXS HSD 575W / 60	GY 9.5	45,000	6,000	5	3,000	beliebig / any	nein / no	RSD 575 / 60	MSD 575			BA 575 SE D	
4ArXS HSD 575W / 72	GX 9.5	45,000	7,200	5	3,000	beliebig / any	nein / no	RSD 575 / 72					
4ArXS HSD 575W/UL/75	GX 9.5	43,000	7,500	7	6,000	beliebig / any	nein / no						
4ArXS HSD 1200W/60 <sup>1)</sup>	G 22	105,000	6,000	7	3,000	beliebig / any	nein / no	RSD 1200 / 60 <sup>1)</sup>	MSD 1200				
<i>Lok-it!®</i>													
HTI 1500 W/60/P50	P50	135,000	6,000	5	750	beliebig / any	nein / no		(MSR 1200W FastFit)				
HTI 1500 W/60/P47	P47	135,000	6,000	5	750	beliebig / any	ja / yes						
HMI 575 W/60/P47	P47	49,000	6,000	7	1,000	beliebig / any	ja / yes						
HCD 250 W/42/P47	P47	27,000	4,200	7	8,000	beliebig / any	ja / yes						

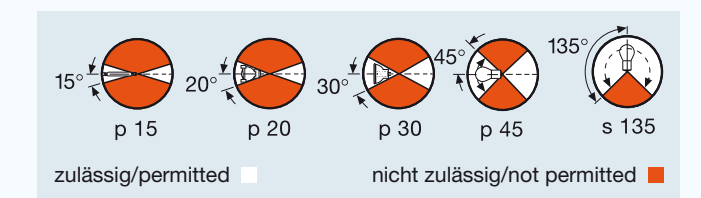
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<http://www.osram.de> oder/or <http://www.osram.com>

Für weitere Informationen wenden Sie sich bitte an/  
For further information please contact:

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 Nonnendammallee 44–61 info@sharxs.com  
 13625 Berlin / Germany

**Brennstellungen/Burning positions:**



- <sup>1)</sup> Lieferbar auf Anfrage/Available on request
- <sup>2)</sup> Forcierte Kühlung/Forced cooling necessary
- <sup>3)</sup> Brenner waagrecht/Discharge tube horizontal
- <sup>4)</sup> Pumpstengel oben/Pumping tip upwards
- <sup>5)</sup> Lichtbogen horizontal/Horizontal arc
- <sup>6)</sup> Strombügel unten/Current bar downwards
- <sup>7)</sup> Spezialsockel, Zündspannung nur an dünnerem Stift/  
Special base, ignition voltage must be applied to the thin pin
- <sup>8)</sup> Achtung: Kontaktstifte sind kurzgeschlossen,  
Anschluss der sockelfernen Elektrode über Kabel/  
Attention: contact pins on the base are short-circuited,  
electrode furthest from base must be connected via cable
- <sup>9)</sup> --ungefähr gleich/Approximately corresponding
- <sup>10)</sup> Früher GS/Former GS



**Nur für den internen Gebrauch/For internal use only!**