

Table of lamps

High-pressure sodium lamps (HS lamps) 35 to 250 W

Lamps					Operating devices			
Output	Current	Manufacturer	Designation	Base	Superimposed ignition system		Pulse ignition system	
W	A				Ignitors Type	Ballasts Type	Ignitors Type	Ballasts Type
35	0,48	Philips	SDW-T 35	PG12-1	Control unit	NaH 35II		
	0,49	Sylvania	SHP 35	E27	Z 70	NaHJ 35, VNaHJ 35G (Ignitor integrated)		
	0,50	Radium	RNP-E 35	E27				
50	0,75	Philips	SON-T Plus 50	E27	Z 70	NaH 50, NaHJ 70/50		
	0,76	GE	LU 50	E27				
	0,76	Narva	NA 50	E27				
	0,76	Philips	SON 50	E27				
	0,76	Sylvania	SHP 50*	E27				
	0,77	Osram	NAV 50	E27				
	0,77	Radium	RNP 50	E27				
	0,76	Philips	SDW-T 50	PG12-1	Control unit	NaH 50II	—	—
70	1,32	Iwasaki	NHT 50 SDX	E27	Z 50/100 V	NaHX 50 (SPT 70)	—	—
	0,97	Philips	SON-T Plus 70	E27	Z 70, Z 150, Z 250, Z 400	NaH 70, NaHJ 70, NaHJ 70/50, NaHJ 100/70, VNaHJ 70G (Ignitor integrated)	PZS 1000	NaH 70P, VNaH 70PG (Pulse ignitor integrated)
	0,98	GE	LU 70	E27				
	0,98	Philips	SON 70	E27				
	0,98	Sylvania	SHP 70*	E27				
	1,00	Narva	NA 70	E27				
	1,00	Osram	NAV 70	E27, RX7s				
	1,00	Radium	RNP 70	E27				
1,05	Iwasaki	NHT 70 SDX	E27	Z 150/200 V	—	—	—	
100	1,20	GE	LU 100	E40	Z 150, Z 250, Z 400	NaHJ 100, NaHJ 100/70, NaHJ 150/100, VNaHJ 100G (Ignitor integrated)	PZS 1000	NaH 100,P VNaH 100PG (Pulse ignitor integrated)
	1,20	Narva	NA 100	E40				
	1,20	Osram	NAV 100	E40				
	1,20	Philips	SON 100	E40				
	1,20	Radium	RNP 100	E40				
	1,20	Sylvania	SHP 100*	E27, E40				
	1,30	Philips	SDW-T 100	PG12-1	Control unit	NaH 100II	—	—
1,53	Iwasaki	NHT 100 SDX	E27	Z 150/200V	NaHX 100 (SpT 180, SpT 440)	—	—	
150	1,80	GE	LU 150	E40	Z 150, Z 250, Z 400	NaHJ 150, NaHJ 150/100, UNaH 150/100, VNaHJ 150G (Ignitor integrated)	PZS 1000	NaH 150P, VNaH 150PG (Pulse ignitor integrated)
	1,80	BLV	HST-DE 150	Fc2, RX7s				
	1,80	Narva	NA 150	E40				
	1,80	Osram	NAV 150	E40, RX7s				
	1,80	Philips	SON 150	E40				
	1,80	Radium	RNP 150	E40				
	1,80	Sylvania	SHP 150*	E40				
	1,82	Philips	SON-Comfort 150	E40				
1,90	Iwasaki	NHT 150 SDX	E27, E40	Z 150/200V	NaHX 150 (SpT 180, SpT 440)	—	—	
250	2,85	Philips	SON-Plus 250	E40	Z 250, Z 400, Z 1000	NaHJ 250, UNaH 250/150	PZS 1000	NaH 250P
	2,90	Sylvania	SHP-T,-S,-TS 250*	E40				
	2,95	GE	LU 250	E40, RX7s				
	3,00	BLV	HST-DE 250	Fc2, RX7s				
	3,00	Narva	NA 250	E40				
	3,00	Osram	NAV 250	E40				
	3,00	Osram	NAV T 250 de Luxe	E40				
	3,00	Osram	NAV TS 250	Fc2				
	3,00	Philips	SON 250	E40				
	3,00	Radium	RNP 250	E40				
	3,00	Sylvania	SHP 250*	E40				
	3,05	Philips	SON-T Comfort 250	E40				
3,10	Iwasaki	NHT 250 SDX	E40	Z 400/200V	NaHX 250 (SpT 440)	—	—	

* The lamp manufacturer specifies the use of a ballast with thermal cut-out

High-pressure sodium lamps (HS lamps) 400 to 1000 W

Lamps					Operating devices			
Output	Current	Manufacturer	Designation	Base	Superimposed ignition system		Pulse ignition system	
W	A				Ignitors Type	Ballasts Type	Ignitors Type	Ballasts Type
400	4,13	Philips	SON-T Agro 400	E40	Z 400, Z 1000	NaHJ 400, U-NaH 400/250	PZS 1000	NaH 400P
	4,30	Philips	SON-Plus 400	E40				
	4,40	GE	LU HO 400/D	E40				
	4,40	BLV	HST-DE 400	Fc2, RX7s				
	4,40	Osram	NAV 400	E40, Fc2				
	4,40	Osram	PLANTA 400	E40				
	4,40	Radium	RNP 400	E40				
	4,40	Sylvania	SHPS 400*	E40				
	4,45	GE	LU 400/D	E40				
	4,45	Narva	NA 400	E40				
	4,45	Philips	SON 400	E40				
	4,45	Sylvania	SHP 400*	E40				
	4,50	GE	LU HO 400/T	E40, RX7s				
	4,50	Philips	SON-T Plus 400	E40				
	4,50	Sylvania	SHP-TS 400*	E40				
	4,60	GE	LU 400/T	E40				
	4,60	Philips	SON-T 400	E40				
4,60	Sylvania	SHP-T,-S,-TS 400*	E40					
4,70	Iwasaki	NHT 400 SDX	E40	Z 400/200V	NaHX 400 (SpT 440)	—	—	
600	6,20	GE	LU 600 HO	E40	Z 600, Z 1000	NAH 600	PZS 1000	NaH 600P
	6,20	Narva	NA 600	E40				
	6,20	Osram	NAV, PLANTA 600	E40				
	5,80	Philips	SON-T 600	E40				
1000	10,3	GE	LU 1000/D	E40, RX7s	Z 1000	NaH 1000, NaHJD 1000	PZS 1000	NaH 1000P
	10,3	Narva	NA 1000	E40				
	10,3	Osram	NAV 1000	E40				
	10,3	Philips	SON 1000	E40				
	10,3	Radium	RNP 1000	E40				
	10,6	GE	LU 1000/T	E40				
	10,6	Philips	SON-T 1000	E40				
10,6	Sylvania	SHP 1000*	E40					

* The lamp manufacturer specifies the use of a ballast with thermal cut-out

Table of lamps

Metal halide lamps (HI lamps) 35 to 250 W

Lamps					Operating devices			
Output	Current	Manufacturer	Designation	Base	Superimposed ignition system		Pulse ignition system	
W	A				Ignitors	Ballasts	Ignitors	Ballasts
					Type	Type	Type	Type
35	0,50	Osram	HQI 35*	G12	Z 35, Z 100	NaHJ 35		
	0,50	Philips	CDM 35*	G12, E27				
	0,50	Osram	HCI 35*	G12				
70	0,90	Venture	HIE 70/XX	E27	Z 100	NaHJ 70, NaHJ 100/70, VNaHJ 70G (Ignitor integrated)	PZ 1000/4,5	
	0,90	Venture	MH 70	G12, RX7s	Z 150,			
	0,95	GE	MBI/MQI 70	G12, RX7s	Z 250			
	0,90	BLV	HIT 70	G12, RX7s, E27				
	0,95	Osram	HQI E 70/WDL*	E27				
	0,95	Philips	MHW 70	RX7s				
	0,98	Philips	MHN 70	RX7s				
	0,99	Philips	MHN-T 70	PG12-2				
	1,00	Osram	HQI 70*	G12, RX7s, E27				
	1,00	Philips	CDM-T 70*	G12				
	1,00	Osram	HCI 70*	G12				
	1,00	Radium	HRI 70*	G12, RX7s, E27				
	1,00	Sylvania	HSI 70	G12, RX7s				
	1,00	Sylvania	HSI-MP 75	E27				
1,00	Iwasaki	MT 70 SW	E27	Z 70		—	—	
100	1,10	Venture	HIE 100/XX	E27	Z 100	NaHJ 100, NaHJ 100/70, NaHJ 150/100, VNaHJ 100G (Ignitor integrated)	PZ 1000/4,5	
	1,10	Osram	HQI 100*	E27	Z 100,			
	1,10	Radium	HRI 100*	E27	Z 150,			
	1,10	Sylvania	HSI 100	E27, RX7s	Z 250,			
	1,15	Sylvania	HSI-MP 100	E27	Z 400			
150	1,80	Venture	HIE 150/XX	E27	Z 100	NaHJ 150, NaHJ 150/100, VNaHJ 150G (Ignitor integrated)	PZ 1000/4,5	
	1,80	Venture	MH 150	G12, RX7s	Z 150,			
	1,80	BLV	HIT 150	G12, RX7s	Z 250,			
	1,80	GE	MQI 150	RX7s	Z 400			
	1,80	Osram	HQI 150*	G12, RX7s, E27				
	1,80	Philips	MH 150	RX7s, PGX12-2				
	1,80	Radium	HRI 150*	G12, RX7s				
	1,80	Sylvania	HSI-T 150	G12, RX7s				
	1,82	GE	MBI 150	G12				
	2,00	Sylvania	HSI-M 150	E27, RX7s				
	1,80	Philips	CDM 150*	G12, RX7s	Z 150, Z 250			
	1,80	Osram	HCI 150*	G12				
	1,90	Iwasaki	MT 150 SW	E27	Z 70		—	—
250	2,10	Sylvania	HSI-T 250	E40	Z 250, Z 400, Z 1000	Q 250	PZ 1000/4,5	
	2,10	Venture	HIE(T) 250/Euro	E40				
	2,13	Narva	NC 250	E40				
	2,15	Philips	HPI 250	E40			PZI 1000/1	Q 250
	2,75	GE	MBI 250/T	E40		NaHJ 250	PZ 1000/4,5	
	2,80	Osram	HQI 250/WDL UVS	Fc2				
	2,90	GE	MBID 250/F	E40				
	3,00	BLV	HIT 250	Fc2, E40				
	3,00	GE	MQI 250	Fc2				
	3,00	GE	MBID 250/T	E40				
	3,00	Iwasaki	MT 250 SW	E40				
	3,00	Osram	HQI 250	Fc2, E40				

* The lamp manufacturer specifies the use of a ballast with thermal cut-out

Metal halide lamps (HI lamps) 250 to 3500 W

Lamps					Operating devices							
Output	Current	Manufacturer	Designation	Base	Superimposed ignition system		Pulse ignition system					
W	A				Ignitors Type	Ballasts Type	Ignitors Type	Ballasts Type				
250	3,00	Philips	MHN 250	Fc2	Z 250, Z 400, Z 1000	NaHJ 250	PZ 1000/4,5					
	3,00	Radium	HRI 250	Fc2, E40								
	3,00	Sylvania	HSI 250	Fc2, E40								
	3,00	Sylvania	BRITELUX 250	E40								
	3,00	Venture	MH-DE 250	Fc2								
	3,00	Venture	HIE(T) 250/XX/LU	E40								
400	3,25	Venture	HIE(T) 400/Euro	E40	Z 400	Q 400						
	3,40	Sylvania	HSI-T 400	E40								
	3,40	Philips	HPI 400	E40								
	3,40	Philips	HPH-TD 400	Fc2	Z 400, Z 1000	J 400	PZ 1000/4,5	Q 400				
	3,50	GE	MBI 400	E40								
	3,50	Osram	HQI E 400/N	E40								
	3,50	Osram	HQI T 400/D	Fc2, E40								
	3,60	Osram	HQI E 400/D	E40								
	3,60	Osram	HQI T 400/N	E40								
	3,60	Osram	HQI 400 Blue/Green	E40								
	3,65	Narva	NC 400	E40								
	4,00	BLV	HIT 400	E40								
	4,00	Osram	HQI 400/D	Fc2, E40								
	4,00	Radium	HRI 400	E40								
	4,10	Osram	HQI T 400/N	Fc2, E40								
	4,10	Radium	HRI-TS 400	Fc2								
	4,20	Osram	HQI E 400/N	E40								
	4,35	GE	MBI 400/T	E40								
	4,60	Sylvania	BRITELUX 400	E40								
4,60	Venture	HIE(T) 400/XX/LU	E40									
1000	4,20	GE	MBI 1000	E40	Z 2000/400 V		—	—				
	4,30	Sylvania	HSI 1000	E40								
	4,80	Narva	NC 1000	E40								
	9,50	GE	MBID 1000	E40	Z 1000	NaHJD 1000, JD 1000	PZ 1000/4,5					
	9,50	Osram	HQI 1000	E40								
	9,50	Radium	HRI 1000	E40, Fc2								
	9,60	Osram	HQI TS 1000	Cable								
	9,60	Radium	HRI-TS 1000	Cable								
8,25	Philips	HPI 1000	E40		Q 1000	PZI 1000/1	Q 1000					
2000	8,60	Philips	HPI 2000/400V	E40	Z 2000/400 V	J 2000, QJ 2000	—	—				
	8,80	Osram	HQI 2000.. Super	E40								
	8,80	Radium	HRI-T 2000 W/N	E40								
	10,3	Osram	HQI 2000/D	E40								
	10,3	Radium	HRI 2000	E40								
	11,3	Osram	HQI TS 2000/D/S	Cable								
	11,3	Radium	HRI-TS 2000 W/D/S	Cable								
	9,60	Philips	MHN-TD 2000	Cable								
	10,3	GE	MBID 2000/T	E40								
	16,5	Philips	HPI 2000/230V	E40					Z 2000	JD 2000 I		
	16,5	Osram	HQI T 2000 N	E40								
	3500	18,0	Osram	HQI 3500	E40	Z 3500/400	JD 3500G	—	—			
18,0		Radium	HRI 3500	E40								

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Mercury vapour lamps (HM lamps)

Lamps					Operating devices
Output	Current	Manufacturer	Designation	Base	Ballasts (Ignitor not necessary)
W	A				Type
50	0,60	GE	H 50	E27, B22	Q 50,
	0,60	Osram	HQL 50	E27	Q 80/50
	0,60	Radium	HRL 50	E27	
	0,61	Narva	NF 50	E27	
	0,61	Philips	HPL 50	E27	
	0,61	Sylvania	HSL 50	E27	
80	0,80	GE	H 80	E27, B22d-3	Q 80,
	0,80	Narva	NF 80	E27	Q 80/50,
	0,80	Osram	HQL 80	E27	Q 125/80,
	0,80	Philips	HPL 80	E27	VQ 125G (Capacitor integrated)
	0,80	Radium	HRL 80	E27	
	0,80	Sylvania	HSL 80	E27	
125	1,15	GE	H 125	E27, B22d-3	Q 125,
	1,15	Narva	NF 125	E27	Q 125/80,
	1,15	Osram	HQL 125	E27, E40	VQ 125G (Capacitor integrated)
	1,15	Philips	HPL 125	E27	
	1,15	Radium	HRL 125	E27	
	1,15	Sylvania	HSL 125	E27, B22d-3	
250	2,13	Narva	NF 250	E40	Q 250,
	2,13	Philips	HPL 250	E40	U-Q 250/150
	2,13	Sylvania	HSL 250	E40	VQ 250G (Capacitor integrated)
	2,15	GE	H 250	E40	
	2,15	Osram	HQL 250	E40	
	2,15	Radium	HRL 250	E40	
400	3,25	GE	H 400	E40	Q 400,
	3,25	Narva	NF 400	E40	U-Q 400/250
	3,25	Osram	HQL 400	E40	
	3,25	Philips	HPL 400	E40	
	3,25	Radium	HRL 400	E40	
	3,25	Sylvania	HSL 400	E40	
700	5,40	Narva	NF 700	E40	Q 700
	5,40	Osram	HQL 700	E40	
	5,40	Philips	HPL 700	E40	
	5,40	Radium	HRL 700	E40	
	5,40	Sylvania	HSL 700	E40	
	5,45	GE	H 700	E40	
1000	7,50	GE	H 1000	E40	Q 1000
	7,50	Narva	NF 1000	E40	
	7,50	Osram	HQL 1000	E40	
	7,50	Philips	HPL 1000	E40	
	7,50	Radium	HRL 1000	E40	
	7,50	Sylvania	HSL 1000	E40	

Low-pressure sodium lamps (LS lamps)

Lamps					Operating devices	
Output	Current	Manufacturer	Designation	Base	Superimposed ignition system Ignitors Type	Ballasts Type
W	A					
35	0,60	GE	SOX 35	BY22d	ZN 55	Na 35, Na 85G (Ignitor not necessary)
	0,60	Osram	SOX 35	BY22d		
	0,60	Radium	RNA/SOX 35	BY22d		
	0,60	Sylvania	SLP 35	BY22d		
	0,62	Philips	SOX 35	BY22d		
55	0,59	Philips	SOX 55	BY22d	ZN 55	Na 55, Na 85G (Ignitor not necessary)
	0,59	Osram	SOX 55	BY22d		
	0,59	Sylvania	SLP 55	BY22d		
	0,59	Radium	RNA/SOX 55	BY22d		
	0,60	GE	SOX 55	BY22d		
90	0,90	GE	SOX 90	BY22d	not necessary	Na 140G
	0,90	Philips	SOX 90	BY22d		
	0,94	Osram	SOX 90	BY22d		
	0,94	Radium	RNA/SOX 90	BY22d		
	0,94	Sylvania	SLP 90	BY22d		
135	0,90	GE	SOX 135	BY22d	not necessary	Na 200, Na 200G
	0,90	Philips	SOX 135	BY22d		
	0,95	Osram	SOX 135	BY22d		
	0,95	Radium	RNA/SOX 135	BY22d		
	0,95	Sylvania	SLP 135	BY22d		
180	0,90	GE	SOX 180	BY22d	not necessary	Na 200, Na 200G
	0,90	Osram	SOX 180	BY22d		
	0,90	Philips	SOX 180	BY22d		
	0,90	Radium	RNA/SOX 180	BY22d		
	0,91	Sylvania	SLP 180	BY22d		