

Valid for recent lamps & ballast
Differences with respect to the standard ballast specification may occ
No guarantee is given that future ballast will give the same res
Light levels are estimate

Updated 22-Feb-2005

lamp type	lamp power	length (mm)	ballast type	10NC (9137-001-)	P-sys (Watts)	P-lamp (Watts)	Light (lumen)	remarks	report nr	release date	status	final result	
TL-D	10W		HF-M Blue 118					ISO => Assumption, NOT TESTED.				OK	
	14W	361	HF-M Blue 124		12.8	10.6		OK, ISO		2003.40.0311		OK	
	15W	437	HF-R 118/218 TLD	118/121	19/39	15	1200	ISO					OK
			HF-P 118/218TLD	225/214	19/33	14	1100	ISO				phase out	OK
			HF-P 118/218/3-418 TLD EII	910/914/919	16.5/31/45/59	13.8	1080	OK			15-10-04		OK
	16W	720	HF-M Blue 121		18.4	15.87		ANS, ISO		2003.40.0188		OK	
	25W	838	HF-M Blue 124		24.2	21.3		ISO, LLO=-xx%				OK	
	30W	895	HF-R 136/236 TLD	117/120	36/69	30	2700	OK, ISB		00SA 0292	14-07-00		OK
			HF-B 136/236 TLD EII	911/915	33/63,8	29.8	2700	RSO			15-10-04		OK
			HF-P 136/236 TLD EII	911/915	33/63,8	29.8	2700	OK			01-02-04		OK
			HF-M Blue 121					NOK					FAIL
	e-Kyoto 136 TLD	544	?	30.6	?	?	OK		ND-102	23-11-04		OK	
	36W_1m	970	HF-R 136/236 TLD	117/120	34/65	28	2600	OK, ISB					OK
			HF-B 158/258 TLD/PLL EII	927/929	39,3/72,5	34.8	3300	RSO			15-10-04		OK
			HF-P 158/258 TLD EII	912/916	39,3/72,5	34.8	3300	OK			01-02-04		OK
36W	1200	HF-P 138/238 TLD	220/209	45/91	40	3800	OK					phase out	OK
		HF-R 140 PLL	154	42	37	3500	OK, ISB					OK	
38W	1047	HF-R 136/236 TLD	117/120	37/78	32/34	3100	ISO, ISB					OK	
		HF-R 158/258 TLD	116/119	51/100	45	4000	ISO, ISB					OK	
		HF-B 158/258 TLD/PLL EII	927/929	49/91	45/44	4000/3900	RSO			15-10-04		OK	
		HF-P 158/258 TLD EII	912/916	49/91	45/44	4000/3900	OK			15-10-04		OK	
		HF-B 136/236 TLD/PLL EII	926/928	38/73,1	34.2	3280	RSO			15-10-04		OK	
HF-P 136/236 TLD EII	911/915	38/73,1	34.2	3280	OK			01-02-04		OK			
58W	1500	HF-P 140/240 PLL	219/208	46/91	40	4000	ISO				phase out	OK	
50WHF	1500	HF-P 170/270 TLD EII	913/917	66/129	61	5500	OK			15-10-04		OK	
		HF-P 170/270 TLD	215/205	67/133	59	5500	ISO				phase out	OK	
TL-D TUV	C 11W		HF-M Blue 124					ISO				OK	
	15W		HF-M Blue 124					ISO				OK	
TL5	24W	549	HF-R 3/4 14 TL5	423	50	14		NOK (useless combination)		30-11-04		FAIL	
TL5C	40W		HF-P 140 PLL	219	44	39	3300	OK				phase out	OK
			HF-P 124-39 TL5	659	?	?	?	OK					OK
TL-E	32W	350	HF-R 136/236 TLD	117/120	33/68	29	2300	ISO, ISB					OK
			HF-B 158/258 TLD/PLL EII	927/929	39,4/71,6	34.8	2650	RSO			15-10-04		OK
			HF-B 136/236 TLD/PLL EII	926/928	29,9/56,8	26.7	2150	RSO			15-10-04		OK
	40W	409	HF-P 136/236 TLD EII	911/915	29,9/56,8	26.7	2150	ISO, ISB			01-02-04		OK
			HF-P 158/258 TLD EII	912/916	39,4/71,6	34.8	2650	ISO, ISB			01-02-04		OK
			HF-B 136/236 TLD/PLL EII	926/928	40,5/76,4	36.9	3200	RSO			15-10-04		OK
HF-P 136/236 TLD EII	911/915	40,5/76,4	36.9	3200	ISO, ISB			01-02-04		OK			
PLL	18W	225	HF-R 118/218 TLD	118/121	21/39	16	1200	LF				OK	
	24W	322	HF-P 1 22-40 TL5C	667	19	16.4	1200	OK, ISB	00SA0299	06-12-99		OK	
			HF-R 224 TL5	411	29	22.5	1800	OK	00SA0298	16-08-00		OK	
	36W	417	HF-P 1 22-40 TL5C	667	26	24	1950	OK	00SA0299	06-12-99		OK	
			HF-P 1 22-40 TL5C	667	32	29.6	2650	OK	00SA0299	06-12-99		OK	
40W	542	HF-R T 236 TLD	864	73	31.5		EBD when below 25%	AP002-2005	18-01-05		OK		
HF-P 1 22-40 TL5C	667	44	41.7	3600	OK	00SA0299	06-12-99		OK				
PLT	26W	127	HF-P 1 22-40 TL5C	667	29	26.2	1950	OK	00SA0299	06-12-99		OK	
	32W	142	HF-P 1 22-40 TL5C	667	35	32.8	2450	OK	00SA0299	06-12-99		OK	
	42W	159	HF-P 1 22-40 TL5C	667	47	44.5	3300	OK	00SA0299	06-12-99		OK	
PLC	26W	165	HF-P 1 22-40 TL5C	667	29	26.2	1950	OK	00SA0299	36500		OK	
PLL TUV	24W		HF-M Blue 124					OK, ISO				OK	
PLS	9W	145	HF-P 113/213 PLC	657/640	14/27	9	640	ISO				OK	
	11W	215	HF-P 113/213 PLC	657/640	17/33	12	980	OK				OK	
PLS TUV	C 9W		HF-M Blue 109					ISO				OK	
TL-mini	13W	517	HF-P 213 PLC	640		12.7	1000	NOK	98SA0279			FAIL	
PL-Q	16W		HF-R 114 TL5	287	?	14.6	?	ISO, MDL=25%	ND-101	11-11-04		OK	
			HF-M Blue 114		15.2	13.5	?	ANS, ISO		2003.40.0872		OK	
	28W		HF-R 118 PL-T/C	260	?	16.4	?	NOK	ND-101	11-11-04		FAIL	
			HF-P 1 26-42 PL-T/C	637	?	29.1	2000	OK, HLO=+16%			30-03-04		OK
	38W		HF-R 126 PL-T/C	259	?	25.6	?	OK	ND-101	11-11-04		OK	
			HF-P 1 26-42 PL-T/C	637	?	31.8	2400	OK, LLO=-10%			30-03-04		OK
HF-R 136 PLL	156	?	32.4	?	OK	ND-101	11-11-04		OK				
HF-R 132 PL-T	258	?	33.3	?	ISO, MDL=25%	ND-101	11-11-04		OK				
GE bix	34W	525	HF-P 136/236 TLD EII	911/915	37/67	34/32		NLD		15-10-04		OK	
			HF-P 140/240 PLL	154/155	37,5/74	33/33	2900	NLD	99SA0287	08-04-04		OK	
			HF-R 136/236 PLL	156/157	36/71	31,5/31,5	2800	NLD	99SA0288	08-04-04		OK	
GE F 2D	10W		HF-M Blue 114		12	10.2		OK, ISO				OK	
	16W		HF-M Blue 114					OK, ISO, LLO=-7%		2003.40.0872		OK	
	21W		HF-M Blue 124		22.6	19.7		ANS, ISO				OK	
	28W		HF-M Blue 124		25.4	22.3		ISO, LLO=-10%				OK	
	55W		HF-P 155 PLL	218	?	38.8	?	NOK	ND-102	23-11-04		FAIL	
Osram DULUX	F 18W		HF-M Blue 124					ISO				OK	
	F 24W		HF-M Blue 124					ISO				OK	
	T 13W		HF-M Blue 114					ISO				OK	
Sylvania	FC 22W		HF-M Blue 124					NOK				FAIL	
	F25 T8 K33		HF-M Blue 124 LH		24.3	21.3		OK	2004.40.0596	26-05-04		NEW	
			HF-M Blue 118 SH		22.3	19.5		OK	2004.40.0596	26-04-04		NEW	

- 3 S-S = 3 step start (50%, 80%, 100% light output)
- ANS = Above Nominal Settings
- EBD = Early endBlackening/lamp life reduction when continuously Dimmed
- EBDS = Early endBlackening because of Switching on/off
- HLO = High Lumen Output = x%
- ISB = Irregular Start Behaviour: ignition during preheat, resulting in various starting time of lamps
- ISO = Infrequent Switching Operation, max. 3 times a day for nominal lamp life
- LF = Lamp Flicker may occur at low dimming levels (<10%)
- LLO = Low Lumen Output = x%
- MDL = Minimum Dimming Level = x%
- NLD = No Lamp Data
- OK = No standard application reduction
- Prov = Tested with Provisional lamps
- RSO = Reduced Switching Operation, max. 1 time a day for nominal lamp life
- * = Explosion proof systems requirements are not checked