

Lamp Wattage ^a	Approx. Ballast Wattage ^b	Total Wattage	Initial Lumens	Mean Lumens	Average Life (h)
MERCURY VAPOR					
100	35	135	4000	3400	> 24 000
100 DX	35	135	4400	3600	> 24 000
175	35	205	8000	7400	> 24 000
175 DX	35	205	8600	7600	> 24 000
250 ^c	35	285	11 800	10 600	> 24 000
250 DX	35	285	12 800	10 800	> 24 000
400	55	455	21 000	19 100	> 24 000
400 DX	55	455	23 100	19 800	> 24 000
700	65	765	40 500	36 200	> 24 000
700 DX	65	765	42 800	36 000	> 24 000
1000	90	1090	56 200	48 400	> 24 000
1000 DX	90	1090	63 000	48 400	> 24 000
HIGH-PRESSURE SODIUM					
50	18	68	3700	3300	24 000
70	20	90	5800	5200	24 000
100 ^d	35	135	9500	8500	24 000
150	45	195	16 000	14 400	24 000
200	50	250	22 000	19 800	24 000
250 ^e	60	310	27 500	24 700	24 000
250 S	60	310	30 000	27 000	24 000
310	70	380	37 000	33 300	24 000
400 ^e	85	485	50 000	45 000	24 000
1000 ^f	100	1100	140 000	126 000	28 500
LOW-PRESSURE SODIUM					
18	14	32	1800	1700	10 000
35	25	60	4800	4600	18 000
55	30	85	8000	7600	18 000
90	35	125	13 500	12 800	18 000
135	40	175	22 500	21 400	18 000
180	50	230	33 000	31 400	18 000

Notes:

a The common wattages are shown. For others refer to the IES Lighting Handbook.

b Shown as the highest loss found for the commonly-used ballast types.

c Used for sign illumination.

d Used for a highway underpass.

e Used for conventional highway lighting.

f Used for high-mast lighting.

LAMP DATA

Figure 78-5A