

# Sony FPJ Projector Brightness Chart for 1.78:1 Screens

Gain	Model by Screen Size and Gain																					
	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	
0.8	GTZ380	252.76	208.94	175.6	149.64	129.04	112.42	98.75	87.48	78.04	70.05	63.16	57.3	52.21	47.75	43.86	40.43	37.38	34.67	32.24	30.04	28.08
	VW5000ES	126.38	104.47	87.8	74.82	64.52	56.21	49.37	43.74	39.02	35.03	31.58	28.65	26.11	23.88	21.93	20.21	18.69	17.33	16.12	15.02	14.04
	XW7000	80.88	66.86	56.19	47.89	41.29	35.98	31.6	28	24.97	22.42	20.21										
	XW6000	63.19	52.23	43.9	37.41	32.26	28.11	24.69	21.87	19.51	17.51											
	XW5000	50.55	41.79	35.12	29.93	25.81	22.48	19.75	17.5	15.61												
0.9		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	284.36	235.05	197.55	168.35	145.18	126.48	111.09	98.42	87.8	78.81	71.06	64.46	58.74	53.72	49.34	45.48	42.05	39	36.27	33.8	31.59
	VW5000ES	142.18	117.53	98.77	84.17	72.59	63.24	55.55	49.21	43.9	39.4	35.53	32.23	29.37	26.86	24.67	22.74	21.03	19.5	18.13	16.9	15.79
	XW7000	90.99	75.22	63.21	53.87	46.46	40.47	35.55	31.49	28.1	25.22	22.74	20.63									
	XW5000	56.87	47.01	39.51	33.67	29.04	25.3	22.22	19.68	17.56	15.76											
1		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	315.95	261.17	219.5	187.05	161.31	140.53	123.44	109.36	97.55	87.56	78.95	71.62	65.27	59.69	54.83	50.53	46.73	43.33	40.3	37.55	35.1
	VW5000ES	157.98	130.59	109.75	93.53	80.65	70.27	61.72	54.68	48.78	43.78	39.48	35.81	32.63	29.85	27.41	25.27	23.36	21.67	20.15	18.78	17.55
	XW7000	101.1	83.57	70.24	59.86	51.62	44.97	39.5	34.99	31.22	28.02	25.26	22.92	20.89	19.1							
	XW5000	63.19	52.23	43.9	37.41	32.26	28.11	24.69	21.87	19.51	17.51	15.79										
1.1		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	347.55	287.29	241.44	205.76	177.44	154.58	135.78	120.29	107.31	96.32	86.85	78.78	71.79	65.66	60.31	55.59	51.4	47.67	44.33	41.31	38.6
	VW5000ES	173.77	143.64	120.72	102.88	88.72	77.29	67.89	60.15	53.65	48.16	43.42	39.39	35.9	32.83	30.15	27.79	25.7	23.83	22.16	20.65	19.3
	XW7000	111.22	91.93	77.26	65.84	56.78	49.47	43.45	38.49	34.34	30.82	27.79	25.21	22.97	21.01	19.3						
	XW5000	69.51	57.46	48.29	41.15	35.49	30.92	27.16	24.06	21.46	19.26	17.37	15.76									
1.2		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	379.14	313.41	263.39	224.46	193.57	168.64	148.12	131.23	117.06	105.08	94.74	85.95	78.32	71.63	65.79	60.64	56.07	52	48.36	45.06	42.11
	VW5000ES	189.57	156.7	131.7	112.23	96.78	84.32	74.06	65.61	58.53	52.54	47.37	42.97	39.16	35.81	32.9	30.32	28.04	26	24.18	22.53	21.06
	XW7000	121.33	100.29	84.29	71.83	61.94	53.96	47.4	41.99	37.46	33.62	30.32	27.5	25.06	22.92	21.05	19.41					
	XW5000	75.83	62.68	52.68	44.89	38.71	33.73	29.62	26.25	23.41	21.02	18.95	17.19	15.66								
1.3		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	410.74	339.52	285.34	243.17	209.7	182.69	160.47	142.16	126.82	113.83	102.64	93.11	84.85	77.6	71.28	65.69	60.74	56.33	52.39	48.82	45.62
	VW5000ES	205.37	169.76	142.67	121.58	104.85	91.34	80.23	71.08	63.41	56.92	51.32	46.55	42.42	38.8	35.64	32.85	30.37	28.17	26.19	24.41	22.81
	XW7000	131.44	108.65	91.31	77.81	67.1	58.46	51.35	45.49	40.58	36.43	32.84	29.79	27.15	24.83	22.81	21.02	19.44				
	XW5000	82.15	67.9	57.07	48.63	41.94	36.54	32.09	28.43	25.36	22.77	20.53	18.62	16.97	15.52							
1.4		100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
	GTZ380	442.33	365.64	307.29	261.87	225.83	196.74	172.81	153.1	136.57	122.59	110.53	100.27	91.37	83.57	76.76	70.75	65.42	60.67	56.42	52.58	49.13
	VW5000ES	221.17	182.82	153.65	130.94	112.91	98.37	86.41	76.55	68.29	61.29	55.27	50.14	45.69	41.78	38.38	35.37	32.71	30.33	28.21	26.29	24.57
	XW7000	141.55	117	98.33	83.8	72.26	62.96	55.3	48.99	43.7	39.23	35.37	32.09	29.24	26.74	24.56	22.64	20.93	19.41			
	XW5000	88.47	73.13	61.46	52.37	45.17	39.35	34.56	30.62	27.31	24.52	22.11	20.05	18.27	16.71	15.35						

Reference theater, minimum brightness

Recommended for home use, dark environment

Recommended for home use, limited ambient light

Recommended for home or commercial use, high ambient light