

# M2 Followspot System Photometrics

(Using a Minolta Chroma Meter CI-200 @ 80 Feet)

THROW IN FEET				20ft		50ft		80ft		100ft		125ft		150ft		180ft		200ft		250ft		300ft	
WATTAGE	DEG.	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	BCP	
		1200 Watt	2500 Watt	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W	1200W	2500W
<b>SHORT LENS</b>																							
Fixed Focus - FC		1312000	1792000	3280	4480	525	717	205	280	131	179	84	115	58	80	40	55	33	45	21	29	15	20
Iris Open - Feet	5.74			2.3	2.3	5.75	5.75	9.2	9.2	11.5	11.5	14.37	14.37	17.25	17.25	20.7	20.7	23	23	28.75	28.75	34.5	34.5
Min. Dia. - Feet	0.62			0.25	0.25	0.62	0.62	1	1	1.25	1.25	1.56	1.56	1.87	1.87	2.25	2.25	2.5	2.5	3.12	3.12	3.75	3.75
Zoom Narrow - FC		704000	1280000	1760	3200	282	512	110	200	70	128	45	82	31	57	22	40	18	32	11	20	8	14
Iris Open - Feet	7.49			3.14	3.14	7.84	7.84	12.55	12.55	15.69	15.69	19.61	19.61	23.53	23.53	28.24	28.24	31.37	31.37	39.2	39.2	47.06	47.06
Zoom Wide - FC		320000	595200	800	1488	128	238	50	93	32	60	20	38	14	26	10	18	8	15	5	10	4	7
Iris Open - Feet	11.80			4.75	4.75	11.87	11.87	19	19	23.75	23.75	29.69	29.69	35.62	35.62	42.75	42.75	47.5	47.5	59.37	59.37	71.25	71.25
<b>MEDIUM LENS</b>																							
Fixed Focus - FC		400000	4672000	10000	11680	1600	1869	625	730	400	467	256	299	178	208	123	144	100	117	64	75	44	52
Iris Open - Feet	3.33			1.33	1.33	3.33	3.33	5.33	5.33	6.66	6.66	8.33	8.33	9.99	9.99	11.99	11.99	13.32	13.32	16.66	16.66	19.99	19.99
Min. Dia. - Feet	0.31			0.12	0.12	0.31	0.31	0.5	0.5	0.62	0.62	0.78	0.78	0.94	0.94	1.12	1.12	1.25	1.25	1.56	1.56	1.87	1.87
Zoom Narrow - FC		2688000	3840000	6720	9600	1075	1536	420	600	269	384	172	246	119	171	83	119	67	96	43	61	30	43
Iris Open - Feet	5.00			1.72	1.72	4.31	4.31	6.9	6.9	8.62	8.62	10.78	10.78	12.94	12.94	15.52	15.52	17.25	17.25	21.56	21.56	25.87	25.87
Zoom Wide - FC		800000	1344000	2000	3360	320	538	125	210	80	134	51	86	36	60	25	41	20	34	13	22	9	15
Iris Open - Feet	7.60			3.11	3.11	7.77	7.77	12.44	12.44	15.55	15.55	19.44	19.44	23.32	23.32	27.99	27.99	31.1	31.1	38.87	38.87	46.65	46.65
<b>LONG LENS</b>																							
Fixed Focus - FC		6400000	7040000	16000	17600	2560	2816	1000	1100	640	704	410	451	284	313	198	217	160	176	102	113	71	78
Iris Open - Feet	3.80			0.95	0.95	2.37	2.37	3.8	3.8	4.75	4.75	5.94	5.94	7.12	7.12	8.55	8.55	9.5	9.5	11.87	11.87	14.25	14.25
Min. Dia. - Feet	0.28			0.11	0.11	0.28	0.28	0.45	0.45	0.56	0.56	0.70	0.70	0.84	0.84	1.01	1.01	1.12	1.12	1.45	1.45	1.69	1.69
Zoom Narrow - FC		4096000	5568000	10240	13920	1538	2227	640	870	410	557	262	356	182	247	126	172	102	139	66	89	46	62
Iris Open - Feet	3.12			1.25	1.25	3.12	3.12	5	5	6.25	6.25	7.81	7.81	9.37	9.37	11.25	11.25	12.5	12.5	15.62	15.62	18.75	18.75
Zoom Wide - FC		1408000	2432000	3520	6080	563	973	220	380	141	243	90	156	63	108	43	75	35	61	23	39	16	27
Iris Open - Feet	5.62			2.25	2.25	5.62	5.62	9	9	11.25	11.25	14.06	14.06	16.87	16.87	20.25	20.25	22.5	22.5	28.12	28.12	33.75	33.75