

STRAND PLProfile4 MKII

PHOTOMETRIC DATA - VARIABLE ZOOM LENS (15-35°)

15° (NARROW)**

ILLUMINANCE (LUX)	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	0.8	1.2	1.6	2	2.4	2.8	3.2	3.6	4	4.4	4.8
Full RGBW	9246	4109	2311	1479	1027	755	578	457	370	306	257
Daylight - 7300K	8104	3602	2026	1297	900	662	507	400	324	268	225
Cool white - 4340K	7278	3235	1819	1164	809	594	455	359	291	241	202
Warm white - 3260K	6119	2719	1530	979	680	499	382	302	245	202	170
Red*	1227	545	307	196	136	100	77	61	49	41	34
Green*	3284	1459	821	525	365	268	205	162	131	109	91
Blue*	251	111	63	40	28	20	16	12	10	8	7
White*	4836	2149	1209	774	537	395	302	239	193	160	134

25° (MEDIUM)**

ILLUMINANCE (LUX)	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	1.4	2.0	2.7	3.4	4.1	4.7	5.4	6.1	6.8	7.4	8.1
Full RGBW	4396	1954	1099	703	488	359	275	217	176	145	122
Daylight - 7300K	3877	1723	969	620	431	317	242	191	155	128	108
Cool white - 4340K	3543	1575	886	567	394	289	221	175	142	117	98
Warm white - 3260K	2917	1296	729	467	324	238	182	144	117	96	81
Red*	581	258	145	93	65	47	36	29	23	19	16
Green*	1580	702	395	253	176	129	99	78	63	52	44
Blue*	122	54	30	19	14	10	8	6	5	4	3
White*	2311	1027	578	370	257	189	144	114	92	76	64

35° (WIDE)**

ILLUMINANCE (LUX)	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6	10.6	11.5
Full RGBW	2805	1247	701	449	312	229	175	139	112	93	78
Daylight - 7300K	2520	1120	630	403	280	206	157	124	101	83	70
Cool white - 4340K	2353	1046	588	376	261	192	147	116	94	78	65
Warm white - 3260K	1942	863	486	311	216	159	121	96	78	64	54
Red*	388	172	97	62	43	32	24	19	16	13	11
Green*	1039	462	260	166	115	85	65	51	42	34	29
Blue*	85	38	21	14	9	7	5	4	3	3	2
White*	1498	666	375	240	166	122	94	74	60	50	42

*Calibration OFF and Red Correction OFF

**Angles are defined as per PLASA Standard ANSI E1.9-2007 (R2012)

STRAND PLProfile4 MKII

PHOTOMETRIC DATA - VARIABLE ZOOM LENS (25-50°)

25° (NARROW)**

ILLUMINANCE LUX	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6	10.6	11.5
Full RGBW	5320	2364	1330	851	591	434	332	263	213	176	148
Daylight - 7300K	4664	2073	1166	746	518	381	291	230	187	154	130
Cool white - 4340K	4243	1886	1061	679	471	346	265	210	170	140	118
Warm white - 3260K	3519	1564	880	563	391	287	220	174	141	116	98
Red*	713	317	178	114	79	58	45	35	29	24	20
Green*	1855	824	464	297	206	151	116	92	74	61	52
Blue*	143	63	36	23	16	12	9	7	6	5	4
White*	2762	1227	690	442	307	225	173	136	110	91	77

37° (MEDIUM)**

ILLUMINANCE LUX	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	2.0	3.1	4.1	5.1	6.1	7.1	8.2	9.2	10.2	11.2	11.5
Full RGBW	3916	1740	979	626	435	320	245	193	157	129	109
Daylight - 7300K	3465	1540	866	554	385	283	217	171	139	115	96
Cool white - 4340K	3162	1405	790	506	351	258	198	156	126	105	88
Warm white - 3260K	2617	1163	654	419	291	214	164	129	105	87	73
Red*	526	234	131	84	58	43	33	26	21	17	15
Green*	1396	620	349	223	155	114	87	69	56	46	39
Blue*	108	48	27	17	12	9	7	5	4	4	3
White*	2066	918	516	331	230	169	129	102	83	68	57

50° (MEDIUM)**

ILLUMINANCE LUX	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	2.8	4.3	5.7	7.1	8.5	9.9	11.4	12.8	14.2	15.6	17.1
Full RGBW	2617	1163	654	419	291	214	164	129	105	87	73
Daylight - 7300K	2292	1019	573	367	255	187	143	113	92	76	64
Cool white - 4340K	2095	931	524	335	233	171	131	103	84	69	58
Warm white - 3260K	1732	770	433	277	192	141	108	86	69	57	48
Red*	355	158	89	57	39	29	22	18	14	12	10
Green*	921	409	230	147	102	75	58	45	37	30	26
Blue*	70	31	17	11	8	6	4	3	3	2	2
White*	1363	606	341	218	151	111	85	67	55	45	38

*Calibration OFF and Red Correction OFF

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PHOTOMETRIC DATA - FIXED LENS (14-50°)

		14°**										
ILLUMINANCE LUX		3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)		0.7	1.1	1.5	1.9	2.2	2.6	3.0	3.4	3.7	4.1	4.5
	Full RGBW	6867	3052	1717	1099	763	561	429	339	275	227	191
	Daylight - 7300K	6143	2730	1536	983	683	501	384	303	246	203	171
	Cool white - 4340K	5652	2512	1413	904	628	461	353	279	226	187	157
	Warm white - 3260K	4709	2093	1177	753	523	384	294	233	188	156	131
	Red*	940	418	235	150	104	77	59	46	38	31	26
	Green*	2548	1132	637	408	283	208	159	126	102	84	71
	Blue*	202	90	50	32	22	16	13	10	8	7	6
	White*	3809	1693	952	609	423	311	238	188	152	126	106
		19°**										
ILLUMINANCE LUX		3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)		1.0	1.5	2.0	2.6	3.1	3.6	4.1	4.6	5.1	5.6	6.1
	Full RGBW	7203	3201	1801	1152	800	588	450	356	288	238	200
	Daylight - 7300K	6312	2805	1578	1010	701	515	394	312	252	209	175
	Cool white - 4340K	5718	2542	1430	915	635	467	357	282	229	189	159
	Warm white - 3260K	4746	2109	1186	759	527	387	297	234	190	157	132
	Red*	948	422	237	152	105	77	59	47	38	31	26
	Green*	2562	1138	640	410	285	209	160	126	102	85	71
	Blue*	200	89	50	32	22	16	13	10	8	7	6
	White*	3714	1651	928	594	413	303	232	183	149	123	103
		26°**										
ILLUMINANCE LUX		3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)		1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4
	Full RGBW	4069	1808	1017	651	452	332	254	201	163	135	113
	Daylight - 7300K	3573	1588	893	572	397	292	223	176	143	118	99
	Cool white - 4340K	3275	1456	819	524	364	267	205	162	131	108	91
	Warm white - 3260K	2713	1206	678	434	301	221	170	134	109	90	75
	Red*	552	245	138	88	61	45	34	27	22	18	15
	Green*	1457	647	364	233	162	119	91	72	58	48	40
	Blue*	111	49	28	18	12	9	7	5	4	4	3
	White*	2151	956	538	344	239	176	134	106	86	71	60

*Calibration OFF and Red Correction OFF

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36°**

ILLUMINANCE LUX	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	2.0	3.0	4.0	5.0	5.9	6.9	7.9	8.9	9.9	10.9	11.9
Full RGBW	2518	1119	630	403	280	206	157	124	101	83	70
Daylight - 7300K	2208	981	552	353	245	180	138	109	88	73	61
Cool white - 4340K	2005	891	501	321	223	164	125	99	80	66	56
Warm white - 3260K	1658	737	415	265	184	135	104	82	66	55	46
Red*	334	148	84	53	37	27	21	16	13	11	9
Green*	886	394	221	142	98	72	55	44	35	29	25
Blue*	68	30	17	11	8	6	4	3	3	2	2
White*	1305	580	326	209	145	107	82	64	52	43	36

50°**

ILLUMINANCE LUX	3.1	4.6	6.1	7.6	9.1	10.7	12.2	13.7	15.2	16.8	18.3
Beam Diameter (m)	2.8	4.3	5.7	7.1	8.5	9.9	11.4	12.8	14.2	15.6	17.1
Full RGBW	1430	636	358	229	159	117	89	71	57	47	40
Daylight - 7300K	1262	561	315	202	140	103	79	62	50	42	35
Cool white - 4340K	1150	511	288	184	128	94	72	57	46	38	32
Warm white - 3260K	955	425	239	153	106	78	60	47	38	32	27
Red*	188	84	47	30	21	15	12	9	8	6	5
Green*	513	228	128	82	57	42	32	25	21	17	14
Blue*	40	18	10	6	4	3	3	2	2	1	1
White*	759	337	190	121	84	62	47	37	30	25	21

*Calibration OFF and Red Correction OFF

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