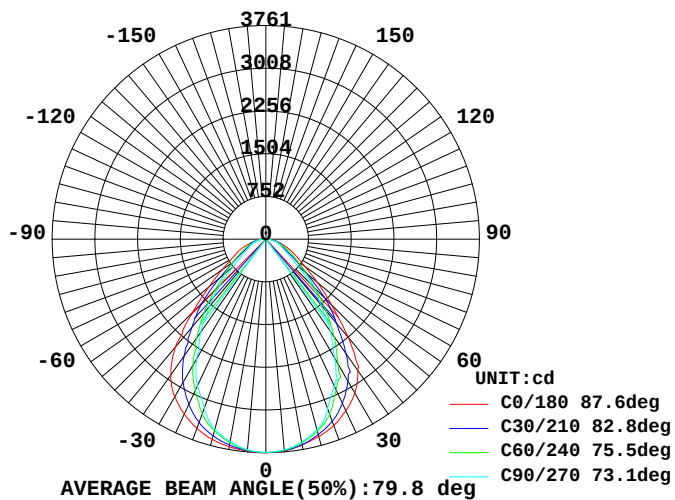


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:

MODEL:		Imax(cd):	3761	Effective Flux(lm):	6786.9
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	15, 0.0	EEI	0.120
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	6786.9	η street_up(%):	0.7	Current(A)	0.281
TEST FLUX(lm):	6786.9	η street_down(%):	49.4	Power(W)	60.00
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.968
TOTAL RADIANT(mw):	6786.9	η house_down(%)	49.2	EEFICIENCY(lm/W)	113.1



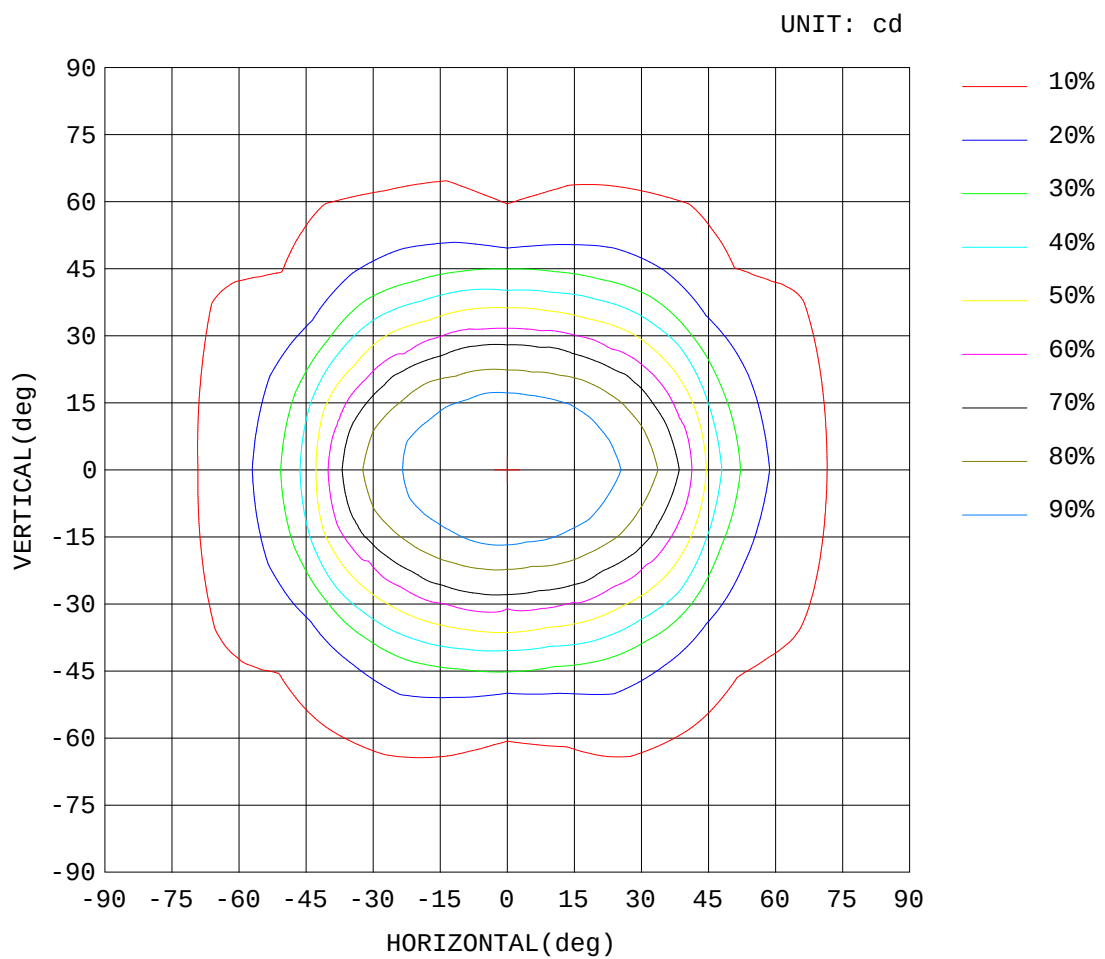
Temperature: 25.3'C
Operators:
Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 37.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:



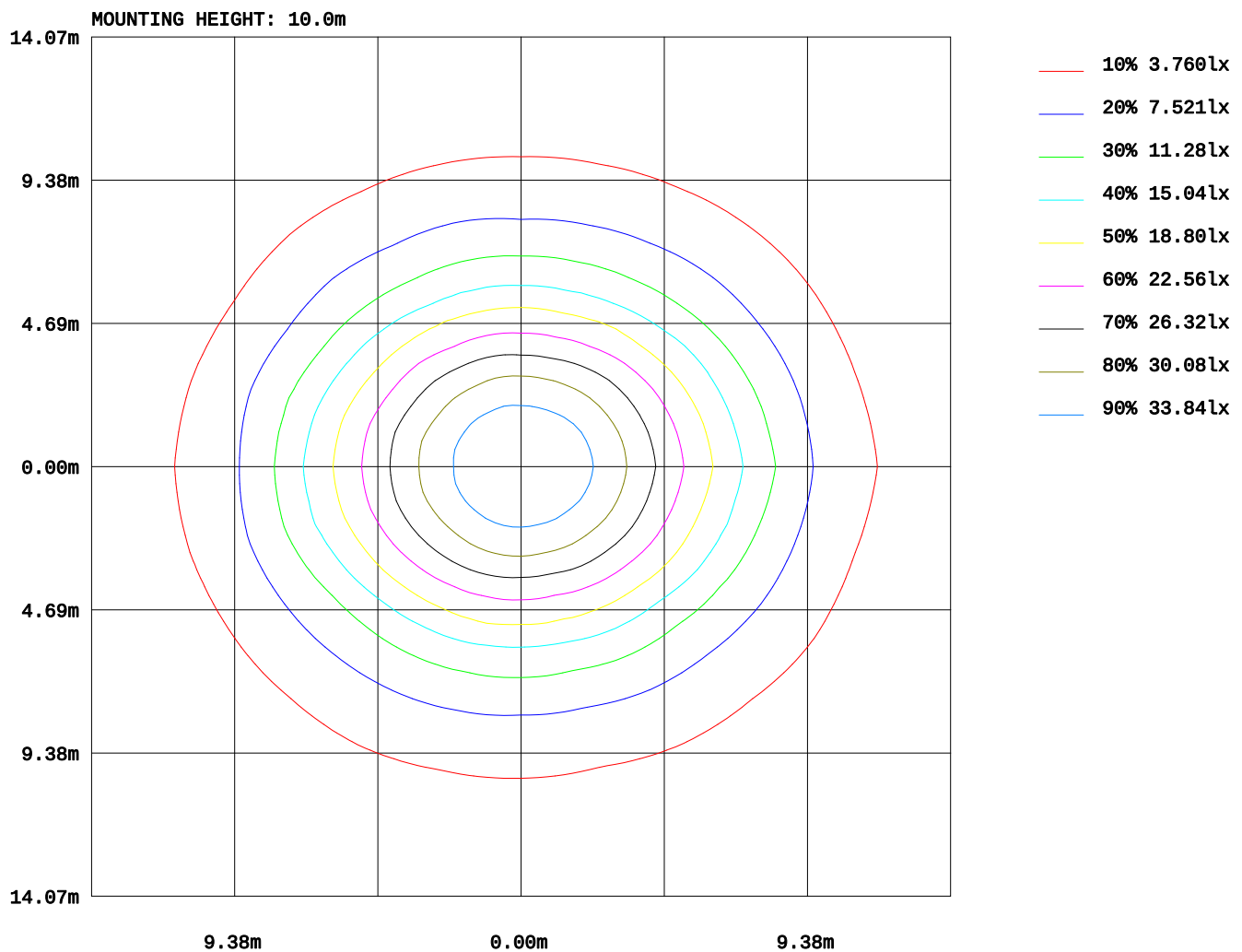
Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 37.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:



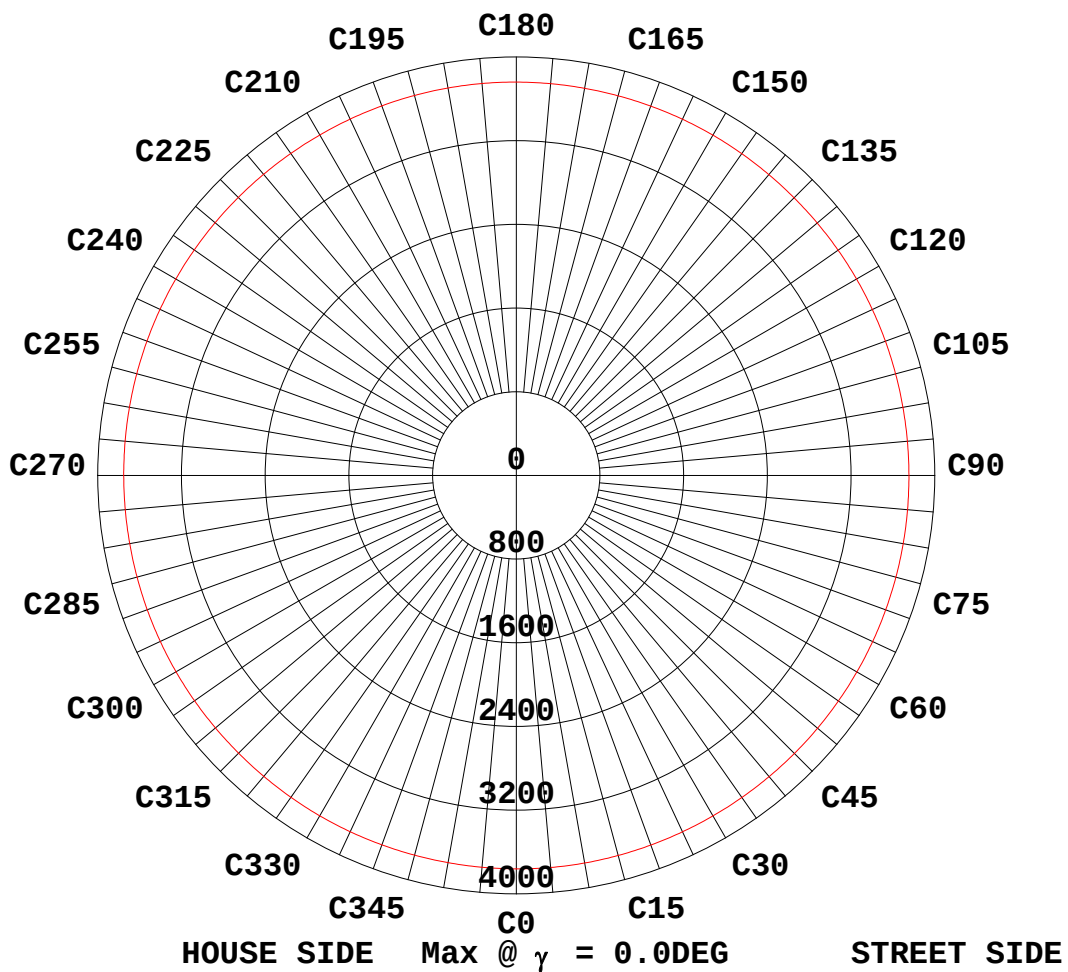
Temperature: 25.3°C
 Operators:
 Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.3% Temp. 37.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.3% Temp. 37.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	3761	3761	3758	3759	3758	3756	3752	3753	3755	3754	3757	3758	3761	3761	3758
5.0	3745	3738	3735	3731	3731	3718	3721	3722	3726	3731	3736	3739	3740	3743	3735
10.0	3711	3694	3682	3649	3638	3615	3619	3626	3637	3647	3668	3683	3682	3688	3678
15.0	3649	3620	3585	3529	3493	3457	3461	3476	3494	3510	3552	3594	3597	3605	3562
20.0	3545	3495	3435	3340	3268	3168	3164	3210	3267	3326	3400	3477	3492	3500	3412
25.0	3402	3307	3210	3053	2939	2839	2849	2875	2930	3046	3182	3297	3335	3313	3191
30.0	3205	3061	2914	2765	2567	2437	2429	2481	2570	2761	2883	3065	3132	3069	2890
35.0	2916	2770	2507	2235	2124	1984	1992	2026	2129	2241	2477	2774	2817	2713	2462
40.0	2473	2229	2026	1818	1703	1542	1544	1604	1712	1820	1990	2213	2266	2198	1942
45.0	1823	1696	1588	1358	1255	1127	1144	1168	1271	1355	1521	1639	1636	1613	1471
50.0	1306	1136	1051	976	936	799	750	843	955	960	973	1125	1179	1111	940
55.0	941	792	698	696	718	573	528	624	724	674	666	809	847	792	636
60.0	698	575	483	532	538	430	388	468	544	509	461	607	637	590	440
65.0	553	445	366	402	423	346	311	373	418	393	360	470	492	469	344
70.0	421	379	316	326	321	291	259	306	307	317	320	379	354	395	305
75.0	274	300	277	248	188	214	210	220	189	242	263	294	227	297	237
80.0	193	173	191	168	179	129	144	138	182	161	176	170	175	197	144
85.0	136	87.9	109	65.5	88.5	47.7	72.6	56.1	86.5	57.7	100	83.0	86.5	110	68.9
90.0	26.4	4.10	16.4	3.60	13.4	3.30	12.0	3.40	13.0	3.70	13.5	4.10	4.60	15.0	4.00
95.0	12.7	4.80	11.5	4.20	11.0	3.90	10.3	3.80	11.0	4.30	11.7	4.90	5.60	12.4	4.80
100.0	12.2	5.80	11.1	5.10	10.4	4.60	9.70	4.50	10.4	5.20	11.3	6.00	6.80	12.1	5.80
105.0	12.4	7.10	11.2	6.10	10.3	5.40	9.70	5.40	10.4	6.20	11.5	7.30	8.29	12.4	7.10
110.0	13.0	8.60	11.9	7.30	10.5	6.60	10.1	6.50	10.8	7.70	12.3	8.90	10.0	13.3	8.70
115.0	14.1	10.4	12.9	8.90	11.4	8.00	10.8	7.90	11.7	9.40	13.4	10.7	11.9	14.4	10.5
120.0	15.5	12.3	14.3	10.8	12.6	9.60	12.0	9.70	13.0	11.2	14.9	12.6	14.0	15.9	12.5
125.0	17.2	14.3	15.9	12.8	14.2	11.5	13.6	11.5	14.5	13.3	16.5	14.7	16.2	17.5	14.5
130.0	18.9	16.4	17.5	14.9	15.9	13.7	15.4	13.7	16.3	15.4	18.1	16.7	18.2	19.3	16.6
135.0	20.7	18.4	19.2	17.0	17.8	16.0	17.2	16.0	18.0	17.5	19.9	18.7	20.4	21.1	18.7
140.0	22.4	20.4	20.9	19.0	19.6	18.2	19.2	18.1	20.0	19.5	21.7	21.0	22.4	22.9	20.8
145.0	24.2	22.3	22.6	21.0	21.5	20.5	21.1	20.2	21.9	21.6	23.6	23.1	24.4	24.7	22.9
150.0	26.0	24.2	24.4	23.0	23.5	22.7	23.1	22.4	23.9	23.7	25.5	25.2	26.4	26.6	25.0
155.0	27.7	26.3	26.3	25.0	25.5	25.0	25.0	24.6	25.7	25.7	27.5	27.5	28.2	28.7	27.0
160.0	29.4	28.2	28.0	27.2	27.5	27.4	27.2	26.6	27.7	27.9	29.4	29.4	30.3	30.5	29.0
165.0	31.2	30.0	30.0	29.3	29.6	29.6	29.4	28.7	29.6	29.8	31.0	31.0	32.0	32.0	30.7
170.0	32.7	31.5	31.6	31.0	31.4	31.4	31.4	30.5	31.4	31.4	32.5	32.3	33.3	33.1	32.1
175.0	34.0	32.7	32.7	32.3	32.7	32.6	33.0	32.0	32.7	32.4	33.2	33.0	34.2	33.8	33.0
180.0	34.5	33.3	33.5	33.0	33.5	33.1	34.0	32.9	33.2	32.9	33.5	33.1	34.5	33.3	33.5

Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 37.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4903	DIMENSION: 980x65x60	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3759	3758	3756	3752	3753	3755	3754	3757	3758
5.0	3740	3731	3733	3724	3722	3729	3736	3736	3738
10.0	3671	3647	3644	3627	3628	3644	3673	3691	3699
15.0	3537	3502	3493	3474	3478	3505	3557	3602	3630
20.0	3363	3280	3243	3180	3192	3294	3393	3456	3518
25.0	3095	2930	2890	2854	2867	2950	3111	3246	3336
30.0	2725	2542	2488	2430	2455	2590	2752	2950	3101
35.0	2244	2094	2040	1983	2015	2129	2270	2583	2765
40.0	1845	1664	1606	1517	1570	1705	1896	2073	2233
45.0	1360	1218	1153	1121	1151	1256	1427	1616	1731
50.0	977	910	847	722	817	930	1029	1069	1187
55.0	695	692	616	503	598	699	723	696	838
60.0	532	519	471	366	451	522	549	472	612
65.0	418	392	383	291	367	402	425	350	475
70.0	340	289	317	239	306	288	336	299	397
75.0	268	200	237	182	187	197	267	252	310
80.0	192	145	159	115	150	146	198	160	195
85.0	86.7	49.9	72.5	43.5	65.3	53.7	96.3	80.9	115
90.0	13.3	3.60	12.3	3.30	12.0	3.70	14.1	4.00	17.4
95.0	11.4	4.20	10.7	3.90	10.5	4.30	11.5	4.60	12.4
100.0	10.9	5.00	10.1	4.60	10.1	5.00	11.0	5.60	12.0
105.0	11.0	5.90	10.1	5.50	10.1	6.00	11.1	6.80	12.3
110.0	11.5	7.20	10.4	6.70	10.5	7.20	11.5	8.29	13.0
115.0	12.6	8.70	11.3	8.10	11.4	8.70	12.6	10.1	14.3
120.0	14.1	10.5	12.5	9.90	12.6	10.5	14.0	12.1	15.7
125.0	15.7	12.7	14.1	11.9	14.2	12.6	15.6	14.2	17.2
130.0	17.6	14.8	15.9	14.1	16.0	14.7	17.4	16.2	19.0
135.0	19.4	17.1	17.8	16.4	18.0	16.9	19.2	18.1	20.8
140.0	21.1	19.2	19.9	18.6	20.0	19.1	20.9	20.2	22.4
145.0	23.0	21.4	21.7	20.8	22.0	21.1	22.7	22.0	24.2
150.0	24.9	23.5	23.8	22.9	24.1	23.2	24.4	24.0	25.9
155.0	26.9	25.7	25.7	25.0	26.3	25.4	26.3	25.9	27.7
160.0	28.7	27.7	27.7	27.4	28.4	27.4	28.0	27.7	29.4
165.0	30.5	29.6	29.6	29.6	30.3	29.4	29.8	29.6	30.8
170.0	32.1	31.4	31.5	31.7	31.9	31.0	31.5	31.0	32.3
175.0	33.1	32.6	32.9	33.1	33.0	32.2	32.7	32.3	33.1
180.0	33.0	33.5	33.1	34.0	32.9	33.2	32.9	33.0	33.1

Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 37.8C