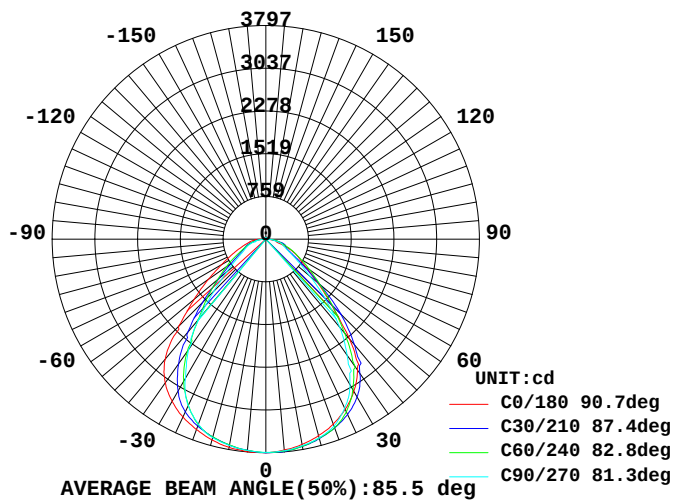


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	DIMENSION: 980x65x60	SERIAL No.:

MODEL:		Imax(cd):	3797	Effective Flux(lm):	7715.8
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	15, 0.0	EEI	0.107
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	7715.8	η street_up(%):	0.7	Current(A)	0.283
TEST FLUX(lm):	7715.8	η street_down(%):	48.8	Power(W)	60.61
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.969
TOTAL RADIANT(mw):	7715.8	η house_down(%)	49.9	EEFICIENCY(lm/W)	127.3



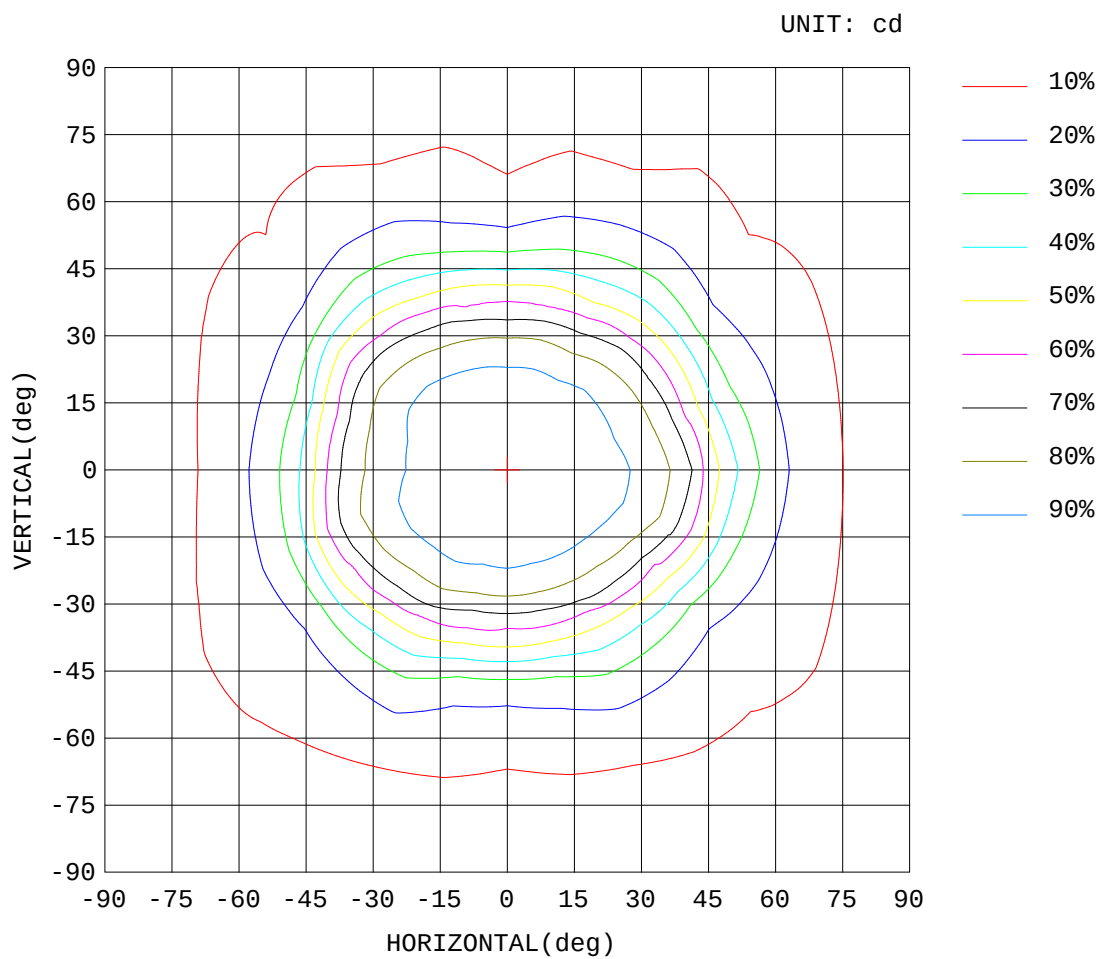
Temperature: 25.3°C
Operators:
Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 38.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	DIMENSION: 980x65x60	SERIAL No.:



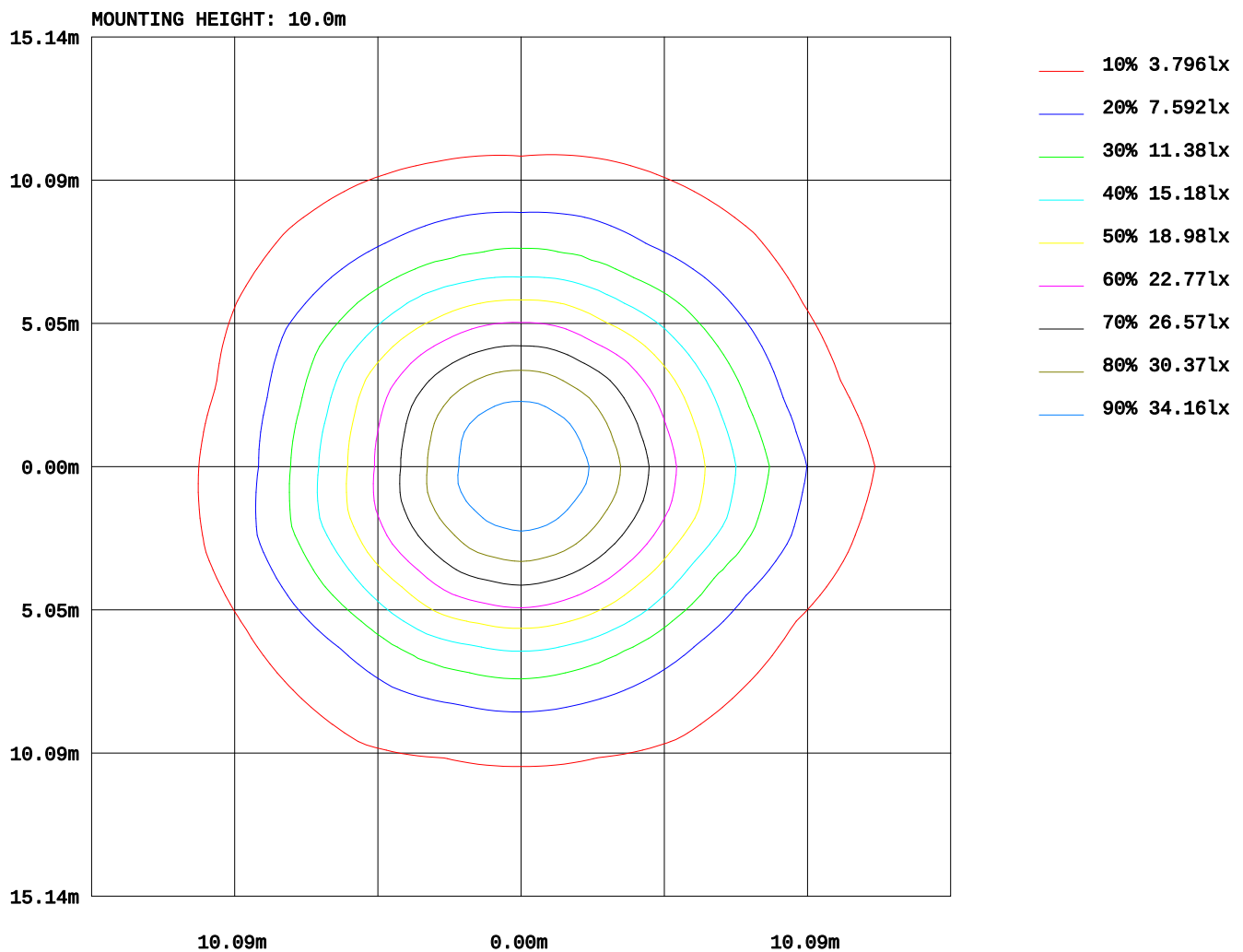
Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.3% Temp. 38.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	DIMENSION: 980x65x60	SERIAL No.:



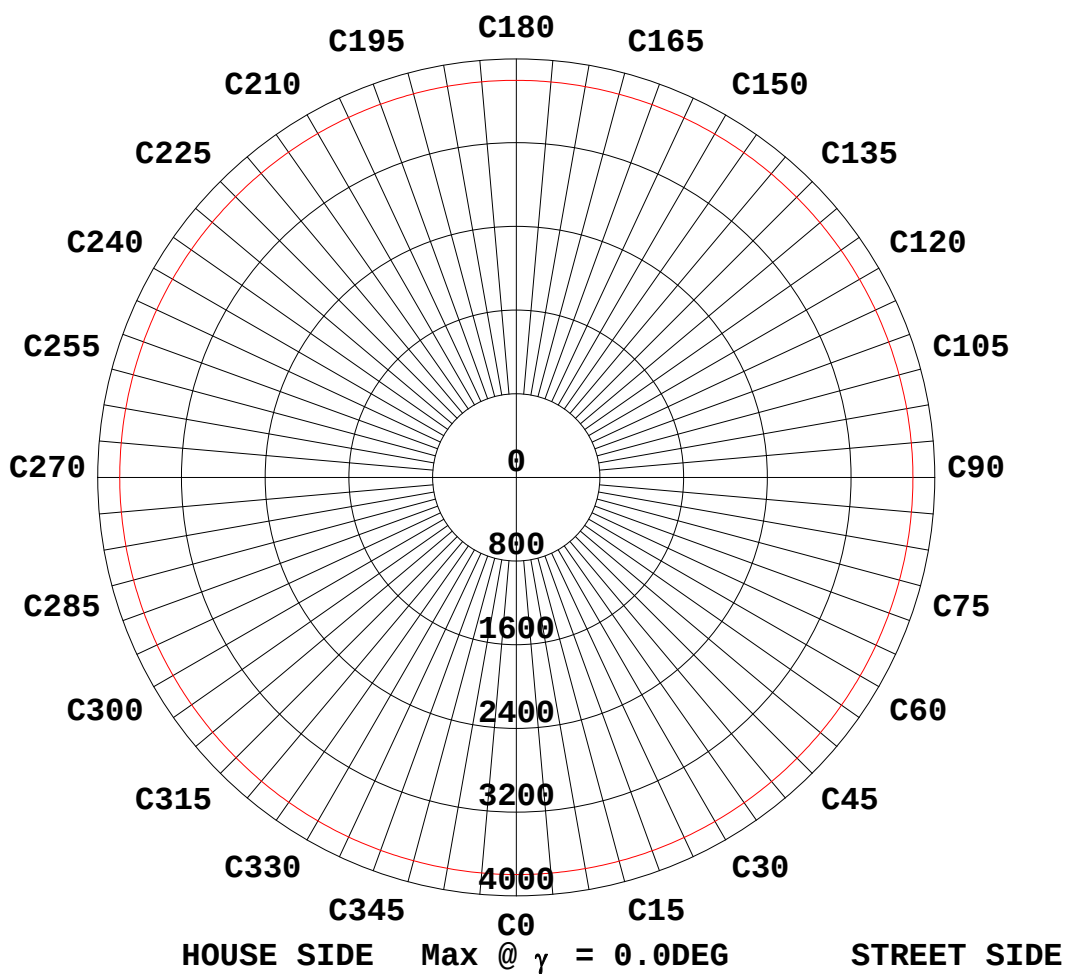
Temperature: 25.3°C
 Operators:
 Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.3% Temp. 38.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	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. 38.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	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	3796	3797	3797	3795	3794	3791	3791	3788	3788	3789	3792	3793	3796	3797	3797
5.0	3793	3789	3765	3764	3768	3766	3770	3763	3776	3773	3779	3782	3762	3766	3789
10.0	3758	3750	3721	3710	3715	3716	3723	3716	3728	3717	3732	3734	3704	3709	3741
15.0	3698	3680	3642	3632	3640	3640	3651	3639	3658	3640	3656	3659	3614	3626	3672
20.0	3602	3588	3535	3517	3509	3486	3504	3492	3552	3531	3555	3564	3501	3510	3571
25.0	3487	3468	3391	3302	3262	3244	3265	3264	3339	3358	3419	3423	3337	3353	3439
30.0	3332	3308	3122	2976	2923	2869	2859	2879	3041	3065	3199	3241	3124	3144	3242
35.0	3118	3072	2701	2544	2429	2364	2399	2401	2599	2659	2826	2988	2841	2823	2915
40.0	2782	2622	2156	1934	1877	1837	1853	1869	2046	2089	2239	2510	2311	2224	2455
45.0	2196	2015	1588	1478	1473	1312	1304	1327	1576	1570	1728	1870	1649	1610	1884
50.0	1664	1423	1073	1103	1122	971	909	948	1178	1159	1123	1252	1208	1094	1246
55.0	1243	1002	759	825	860	732	659	709	901	830	764	884	875	809	817
60.0	911	750	556	637	635	566	491	554	685	621	535	668	689	625	561
65.0	678	580	445	482	474	447	408	458	521	476	422	545	540	527	421
70.0	509	467	380	384	363	361	334	371	368	380	392	462	344	440	375
75.0	383	383	301	290	278	256	251	251	277	291	311	331	202	295	334
80.0	290	295	199	178	198	151	176	147	193	188	188	190	163	189	198
85.0	195	152	111	57.2	84.3	53.3	81.6	51.5	104	63.0	110	96.4	48.0	88.0	112
90.0	86.6	33.8	14.3	4.40	13.5	4.00	13.0	4.10	15.0	4.30	14.7	4.50	5.50	14.2	9.50
95.0	14.2	5.00	12.5	5.20	12.0	4.70	11.4	4.80	12.2	5.10	12.6	5.50	6.70	13.2	5.20
100.0	13.2	6.10	12.2	6.20	11.5	5.60	11.1	5.60	11.7	6.20	12.3	6.70	8.10	13.0	6.30
105.0	13.0	7.50	12.6	7.50	11.7	6.80	11.2	6.80	11.7	7.50	12.6	8.20	9.80	13.7	7.70
110.0	13.7	9.00	13.5	9.09	12.4	8.20	11.8	8.29	12.3	9.09	13.5	9.80	11.8	14.8	9.40
115.0	14.8	10.9	14.8	11.0	13.5	9.90	12.9	10.0	13.4	11.0	14.8	11.8	13.9	16.2	11.3
120.0	16.2	13.0	16.4	13.0	15.0	12.0	14.5	12.0	14.9	13.0	16.4	13.9	16.2	18.0	13.5
125.0	18.0	15.0	18.0	15.2	16.9	14.3	16.2	14.3	16.5	15.2	18.0	16.1	18.6	19.9	15.8
130.0	19.9	17.2	19.7	17.5	18.7	16.5	18.2	16.5	18.5	17.5	19.9	18.4	20.9	21.6	18.0
135.0	21.7	19.4	21.5	19.6	20.7	18.9	20.2	18.9	20.4	19.6	21.7	20.6	23.1	23.7	20.2
140.0	23.6	21.5	23.2	21.6	22.6	21.1	22.2	21.1	22.3	21.7	23.7	22.9	25.2	25.7	22.4
145.0	25.5	23.6	25.0	23.6	24.4	23.1	24.1	23.1	24.2	23.9	25.5	25.0	27.4	27.7	24.5
150.0	27.4	25.7	27.0	25.7	26.4	25.5	25.9	25.2	26.1	26.1	27.5	27.4	29.4	29.8	26.6
155.0	29.4	27.7	28.9	28.0	28.4	27.9	27.7	27.4	28.0	28.2	29.6	29.6	31.4	31.7	28.9
160.0	31.2	30.0	31.0	30.1	30.5	30.1	29.9	29.6	30.1	30.4	31.7	31.7	33.2	33.5	30.8
165.0	33.0	31.9	32.9	32.2	32.6	32.5	32.2	31.7	32.1	32.3	33.5	33.5	35.0	35.0	32.7
170.0	34.7	33.5	34.4	33.8	34.4	34.2	34.4	33.5	33.8	34.0	34.9	34.7	36.1	35.9	34.2
175.0	36.0	34.7	35.6	35.1	35.6	35.2	36.0	34.9	35.2	35.1	35.9	35.5	36.8	36.3	35.2
180.0	37.0	35.6	35.7	36.0	35.6	35.7	36.8	35.7	36.0	35.6	36.0	35.7	37.0	35.6	35.7

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. 38.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Microprisma W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4892	DIMENSION: 980x65x60	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3795	3794	3791	3791	3788	3788	3789	3792	3793
5.0	3790	3781	3777	3775	3775	3767	3771	3770	3769
10.0	3744	3740	3738	3728	3733	3715	3730	3724	3724
15.0	3680	3664	3666	3658	3663	3639	3656	3649	3648
20.0	3587	3568	3554	3539	3547	3526	3555	3540	3543
25.0	3442	3388	3347	3312	3331	3313	3404	3403	3412
30.0	3194	3094	3039	2995	3031	2999	3137	3202	3224
35.0	2825	2777	2584	2521	2575	2594	2761	2846	2949
40.0	2358	2182	2108	2041	2098	2045	2228	2341	2458
45.0	1805	1680	1575	1488	1574	1609	1729	1799	1838
50.0	1351	1254	1124	1021	1165	1243	1316	1221	1312
55.0	965	956	813	716	881	927	951	827	984
60.0	710	723	620	516	662	697	709	584	756
65.0	541	555	507	397	516	516	545	441	579
70.0	439	410	430	327	412	380	435	369	458
75.0	359	290	333	286	324	284	352	311	358
80.0	263	218	190	167	192	205	249	209	242
85.0	152	113	125	89.6	129	90.3	145	118	146
90.0	37.4	10.8	27.1	7.20	27.5	4.60	27.9	5.90	21.5
95.0	13.0	4.80	12.2	4.50	12.2	4.80	12.8	5.20	13.4
100.0	12.3	5.60	11.5	5.30	11.5	5.70	12.1	6.30	13.0
105.0	12.3	6.70	11.4	6.30	11.4	6.80	12.2	7.70	13.4
110.0	12.8	8.10	11.9	7.80	11.9	8.29	12.8	9.50	14.3
115.0	13.9	9.90	12.9	9.50	12.8	10.2	14.0	11.4	15.6
120.0	15.4	11.9	14.3	11.5	14.3	12.2	15.5	13.6	17.2
125.0	17.2	14.2	16.1	13.9	16.1	14.5	17.2	15.9	19.0
130.0	19.2	16.5	18.0	16.3	18.0	16.9	19.2	18.0	20.8
135.0	21.0	18.9	20.2	18.7	20.2	19.2	21.1	20.1	22.7
140.0	22.9	21.0	22.2	21.0	22.2	21.2	22.9	22.2	24.6
145.0	24.7	23.1	24.1	23.0	24.1	23.5	24.6	24.2	26.3
150.0	26.6	25.2	26.0	25.0	26.1	25.6	26.4	26.1	28.2
155.0	28.7	27.2	27.7	27.1	28.2	27.7	28.4	28.2	30.1
160.0	30.7	29.4	29.8	29.4	30.4	29.9	30.4	30.3	31.9
165.0	32.6	31.6	31.7	31.7	32.5	31.9	32.3	32.2	33.5
170.0	34.2	33.3	33.7	34.0	34.2	33.7	34.0	33.8	35.0
175.0	35.5	34.9	35.2	35.7	35.5	34.9	35.2	35.0	35.9
180.0	36.0	35.6	36.1	36.5	36.0	36.0	36.0	35.7	35.7

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. 38.3C