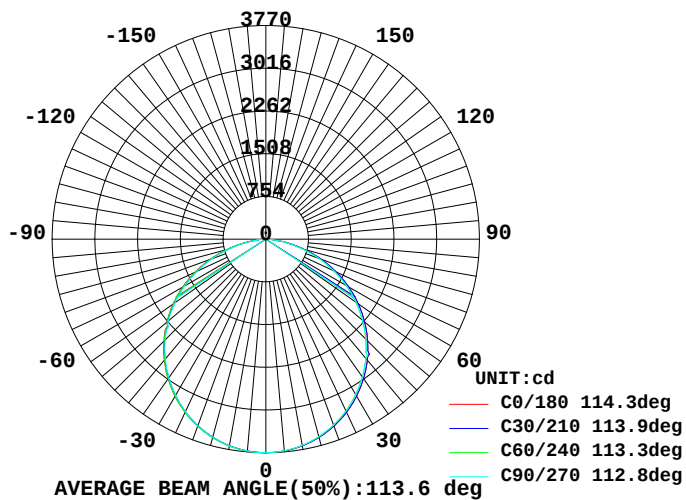


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	SERIAL No.:

MODEL:		Imax(cd):	3771	Effective Flux(lm):	10870.6
NOMINAL POWER(W):	90	MAXIMUM(C, γ):	150, 0.0	EEI	0.114
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	10870.6	η street_up(%):	0.6	Current(A)	0.425
TEST FLUX(lm):	10870.6	η street_down(%):	49.1	Power(W)	90.95
LAMPS QUANTITY:	1	η house_up(%)	0.6	Power Factor	0.970
TOTAL RADIANT(mw):	10870.6	η house_down(%)	49.6	EEFICIENCY(lm/W)	119.5



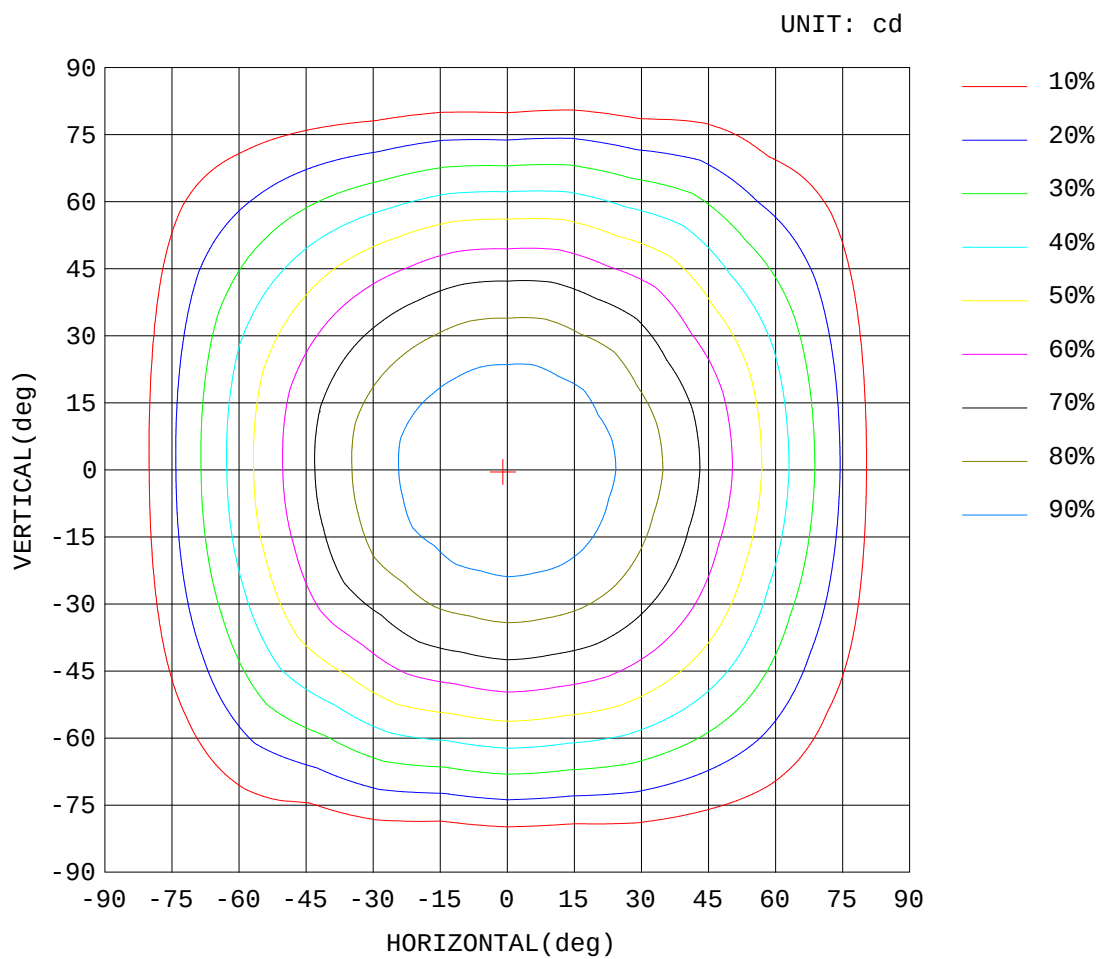
Temperature:25.3'C
Operators:
Test Date:13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.1% Temp. 39.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	SERIAL No.:



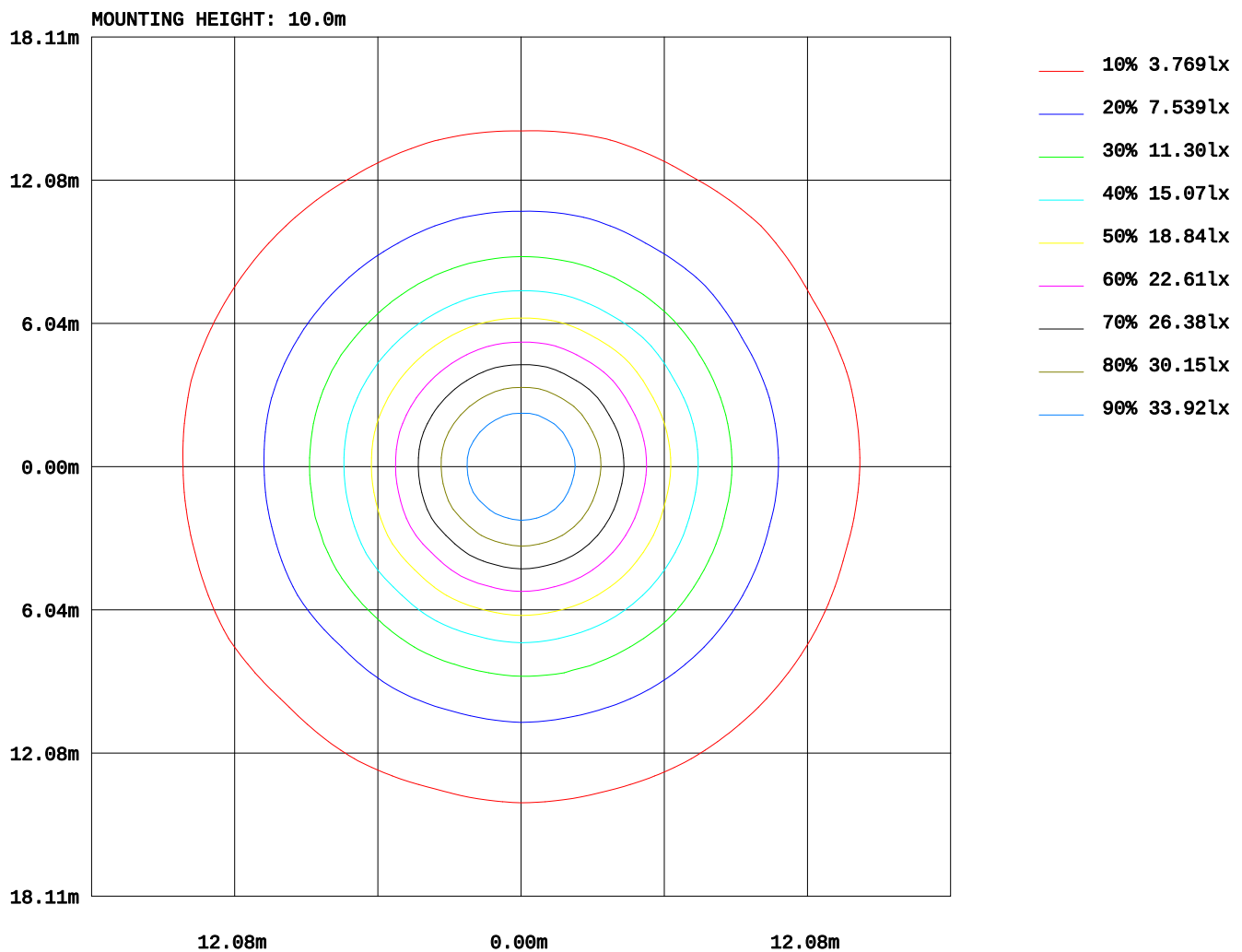
Temperature:25.3'C
Operators:
Test Date:13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.1% Temp. 39.1C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	SERIAL No.:



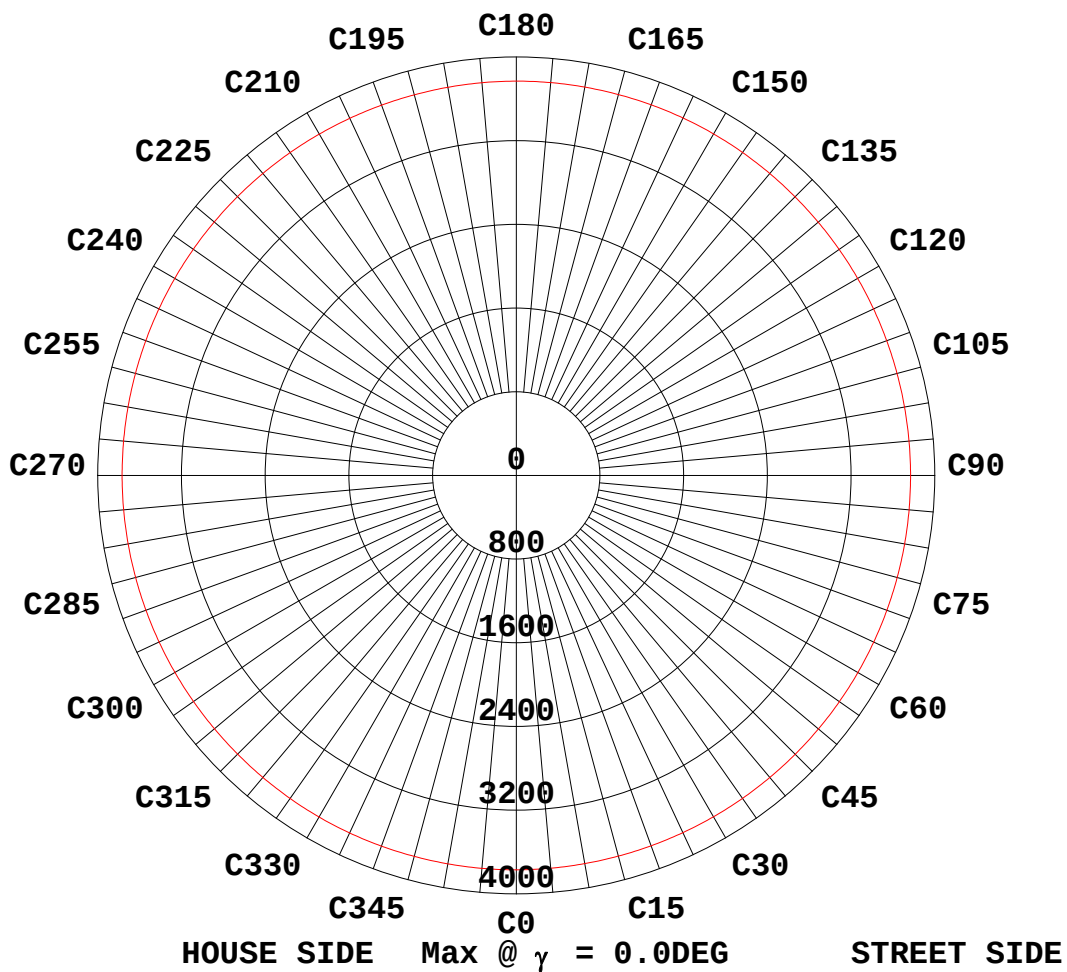
Temperature: 25.3°C
 Operators:
 Test Date: 13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 39.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.1% Temp. 39.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	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	3770	3767	3768	3770	3769	3769	3768	3767	3767	3767	3771	3770	3770	3767	3768
5.0	3753	3747	3750	3756	3756	3751	3752	3747	3751	3747	3758	3753	3753	3754	3751
10.0	3704	3693	3699	3708	3708	3702	3702	3694	3701	3693	3711	3703	3703	3709	3703
15.0	3623	3607	3618	3627	3629	3617	3619	3606	3619	3605	3632	3621	3624	3633	3624
20.0	3512	3493	3504	3517	3516	3500	3503	3486	3504	3489	3524	3507	3510	3525	3512
25.0	3370	3346	3359	3374	3373	3356	3357	3339	3358	3341	3383	3366	3368	3386	3369
30.0	3201	3172	3191	3202	3204	3180	3185	3160	3187	3163	3213	3195	3201	3223	3203
35.0	3008	2976	2992	3009	3006	2977	2984	2955	2986	2964	3021	2995	3005	3031	3006
40.0	2788	2752	2768	2786	2782	2756	2757	2738	2760	2743	2801	2778	2783	2812	2785
45.0	2543	2499	2528	2536	2541	2502	2514	2474	2517	2481	2556	2527	2540	2577	2544
50.0	2284	2234	2261	2274	2275	2236	2247	2206	2249	2214	2296	2257	2272	2303	2278
55.0	1999	1943	1973	1984	1988	1945	1957	1912	1959	1920	2010	1974	1984	2033	1991
60.0	1694	1634	1673	1677	1689	1636	1657	1601	1658	1609	1704	1665	1684	1738	1694
65.0	1380	1316	1351	1363	1369	1320	1336	1285	1336	1290	1389	1339	1362	1420	1374
70.0	1048	980	1018	1028	1038	987	1004	950	1011	954	1056	1010	1035	1090	1042
75.0	712	645	692	693	712	654	681	618	679	620	720	673	699	764	716
80.0	401	348	377	385	397	352	370	347	366	346	408	358	381	442	400
85.0	152	85.9	140	115	153	95.2	136	76.3	138	74.5	157	99.1	114	167	125
90.0	22.1	8.20	21.6	7.80	24.2	6.50	20.5	6.50	20.0	7.40	23.7	8.00	8.80	32.4	10.4
95.0	19.1	10.1	18.2	8.60	17.1	7.90	16.6	8.10	17.1	9.09	18.2	10.0	10.9	19.4	9.80
100.0	19.4	12.2	18.4	10.5	17.0	9.70	16.5	9.90	17.1	11.0	18.4	12.0	13.0	19.5	11.9
105.0	20.2	14.2	19.1	12.5	17.6	11.5	17.1	11.7	17.7	12.9	19.1	14.0	15.5	20.2	14.0
110.0	21.6	16.1	20.1	14.4	18.6	13.5	18.0	13.7	18.7	14.8	20.1	16.1	17.7	21.5	16.1
115.0	23.0	18.0	21.2	16.3	19.6	15.4	19.4	15.6	19.9	16.7	21.1	18.0	19.9	22.7	18.1
120.0	24.5	19.9	22.5	18.0	21.0	17.2	20.7	17.6	21.1	18.6	22.6	19.9	22.0	24.1	20.1
125.0	26.0	21.7	23.9	20.0	22.4	19.2	22.2	19.5	22.7	20.6	23.9	21.9	24.0	25.6	22.0
130.0	27.5	23.6	25.2	21.7	23.9	21.1	23.7	21.4	24.2	22.5	25.5	23.8	25.9	27.2	23.9
135.0	29.1	25.2	26.6	23.5	25.2	23.1	25.2	23.1	25.6	24.2	26.9	25.7	27.7	28.9	25.6
140.0	30.4	26.9	27.7	25.0	26.9	24.9	26.6	24.7	26.9	25.7	28.2	27.5	29.1	30.4	27.2
145.0	31.5	28.2	28.9	26.4	28.2	26.8	28.0	26.4	28.2	27.2	29.4	29.1	30.5	31.7	28.9
150.0	32.5	29.6	30.0	28.0	29.4	28.4	29.1	27.7	29.3	28.5	30.7	30.7	31.7	33.0	30.4
155.0	33.2	30.7	31.2	29.1	30.7	30.0	30.3	29.1	30.4	29.8	31.9	32.1	32.7	34.2	31.7
160.0	34.0	31.9	32.3	30.7	31.7	31.4	31.5	30.4	31.5	31.2	33.0	33.1	33.7	35.1	32.7
165.0	34.9	32.9	33.3	32.0	33.0	32.9	33.0	31.9	32.7	32.4	34.0	34.0	34.5	35.7	33.7
170.0	35.6	33.7	34.2	33.1	34.2	34.0	34.7	33.2	34.0	33.5	34.7	34.5	35.5	36.0	34.5
175.0	36.2	34.5	35.1	34.2	35.1	34.7	36.0	34.4	35.1	34.5	35.5	35.0	36.0	36.1	35.0
180.0	36.5	35.9	34.9	35.7	35.0	36.0	36.1	36.0	35.0	35.9	35.9	35.4	36.5	35.9	34.9

Temperature:25.3'C
Operators:
Test Date:13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.1% Temp. 39.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x1490 90W 5000K 82Ra Opal W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4931	DIMENSION: 1490x65x60	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3770	3769	3769	3768	3767	3767	3767	3771	3770
5.0	3750	3749	3751	3749	3753	3749	3754	3750	3753
10.0	3696	3695	3701	3696	3705	3698	3707	3696	3705
15.0	3613	3610	3615	3612	3624	3613	3629	3613	3624
20.0	3496	3491	3499	3495	3510	3498	3518	3495	3511
25.0	3349	3343	3355	3346	3369	3352	3377	3348	3373
30.0	3179	3170	3181	3174	3197	3178	3212	3178	3203
35.0	2979	2968	2980	2972	2999	2982	3016	2978	3006
40.0	2754	2744	2760	2747	2781	2759	2796	2755	2792
45.0	2513	2496	2513	2501	2537	2507	2559	2508	2548
50.0	2247	2227	2248	2232	2273	2245	2298	2239	2292
55.0	1960	1937	1969	1944	1996	1958	2015	1951	2008
60.0	1663	1639	1667	1647	1696	1654	1721	1651	1704
65.0	1344	1318	1350	1328	1380	1342	1406	1329	1393
70.0	1015	992	1031	999	1062	1013	1078	1005	1063
75.0	693	666	703	678	734	683	756	673	730
80.0	381	359	393	371	421	381	438	362	419
85.0	144	99.8	156	108	165	114	167	104	161
90.0	22.9	7.80	24.5	7.80	29.4	7.60	32.7	8.10	25.9
95.0	18.2	8.80	17.2	8.20	17.2	8.60	18.1	10.1	19.4
100.0	18.4	10.7	17.2	10.0	17.1	10.5	18.1	12.1	19.6
105.0	19.2	12.7	17.9	12.0	17.7	12.5	19.0	14.3	20.5
110.0	20.4	14.8	19.0	14.0	18.7	14.5	20.0	16.3	21.6
115.0	21.6	16.9	20.2	16.2	20.1	16.5	21.2	18.2	22.9
120.0	23.1	18.9	21.6	18.1	21.5	18.6	22.6	20.2	24.2
125.0	24.6	20.9	23.2	20.2	23.1	20.5	24.0	22.1	25.7
130.0	26.1	22.9	24.9	22.4	24.6	22.5	25.5	23.8	27.4
135.0	27.5	24.6	26.4	24.2	26.1	24.2	26.9	25.5	28.7
140.0	28.7	26.3	27.7	25.9	27.7	26.0	28.2	27.0	30.1
145.0	29.9	27.7	29.1	27.4	29.1	27.5	29.3	28.5	31.2
150.0	31.0	28.9	30.3	28.7	30.5	29.0	30.4	29.8	32.4
155.0	32.2	30.1	31.2	30.0	31.7	30.1	31.5	31.0	33.3
160.0	33.2	31.5	32.3	31.4	33.0	31.5	32.6	32.2	34.2
165.0	34.2	32.7	33.5	33.0	34.2	32.7	33.7	33.2	35.0
170.0	35.2	33.8	34.7	34.5	35.2	33.7	34.7	34.2	35.6
175.0	35.9	34.7	35.6	35.7	35.7	34.5	35.5	34.9	36.0
180.0	35.7	35.0	36.0	36.1	36.0	35.0	35.9	35.2	36.0

Temperature:25.3'C
Operators:
Test Date:13-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.1% Temp. 39.1C