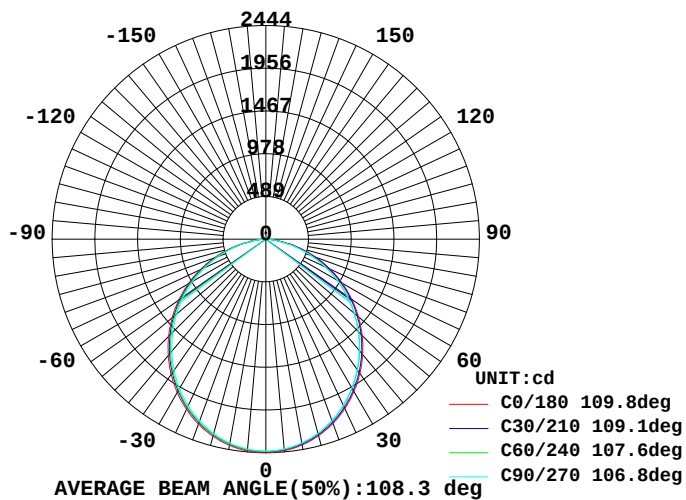


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	DIMENSION: 980x65x60	SERIAL No.:

MODEL:		Imax(cd):	2444	Effective Flux(lm):	6605.4
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	0, 0.0	EEI	0.125
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	6605.5	η street_up(%):	0.7	Current(A)	0.283
TEST FLUX(lm):	6605.5	η street_down(%):	49.3	Power(W)	60.41
LAMPS QUANTITY:	1	η house_up(%):	0.7	Power Factor	0.968
TOTAL RADIANT(mw):	6605.5	η house_down(%):	49.3	EEFICIENCY(lm/W)	109.3



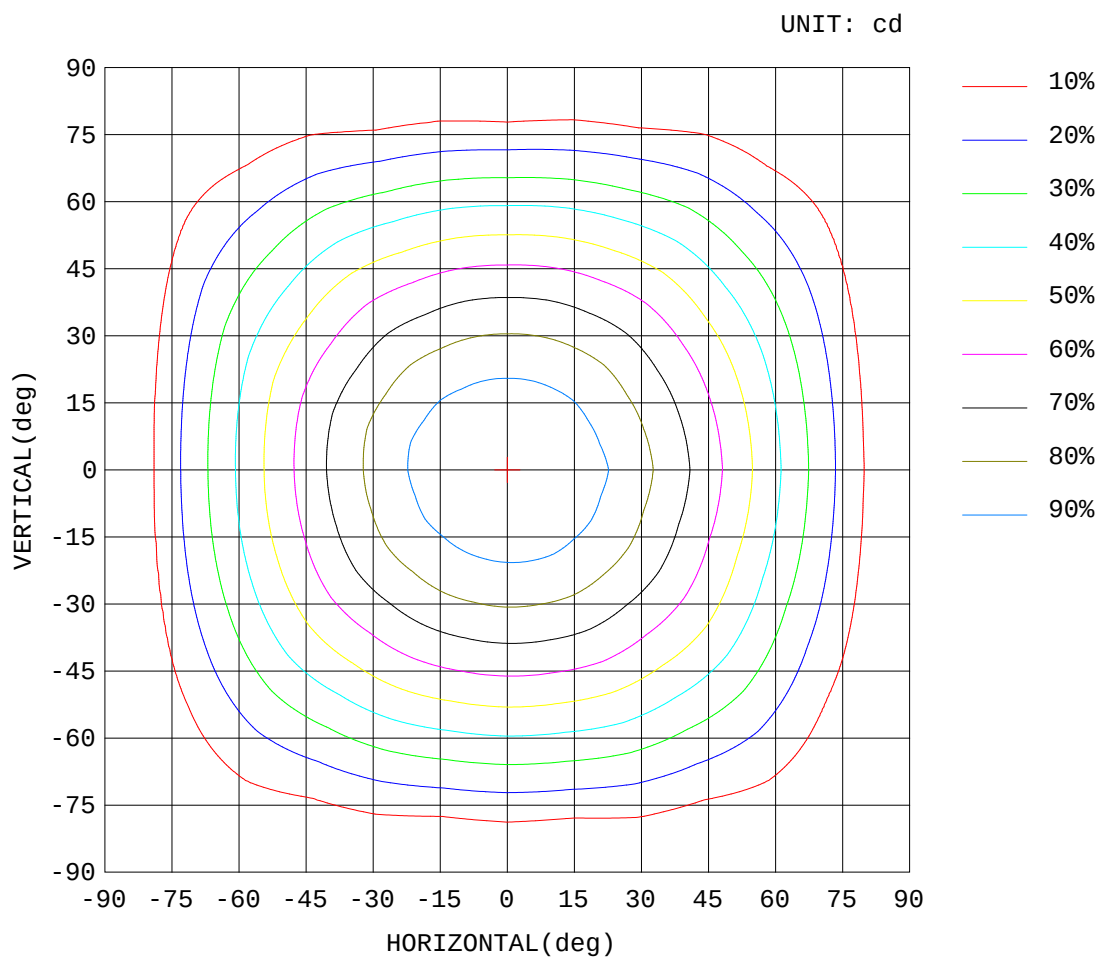
Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra. Flickering 0.3% Temp. 36.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	DIMENSION: 980x65x60	SERIAL No.:



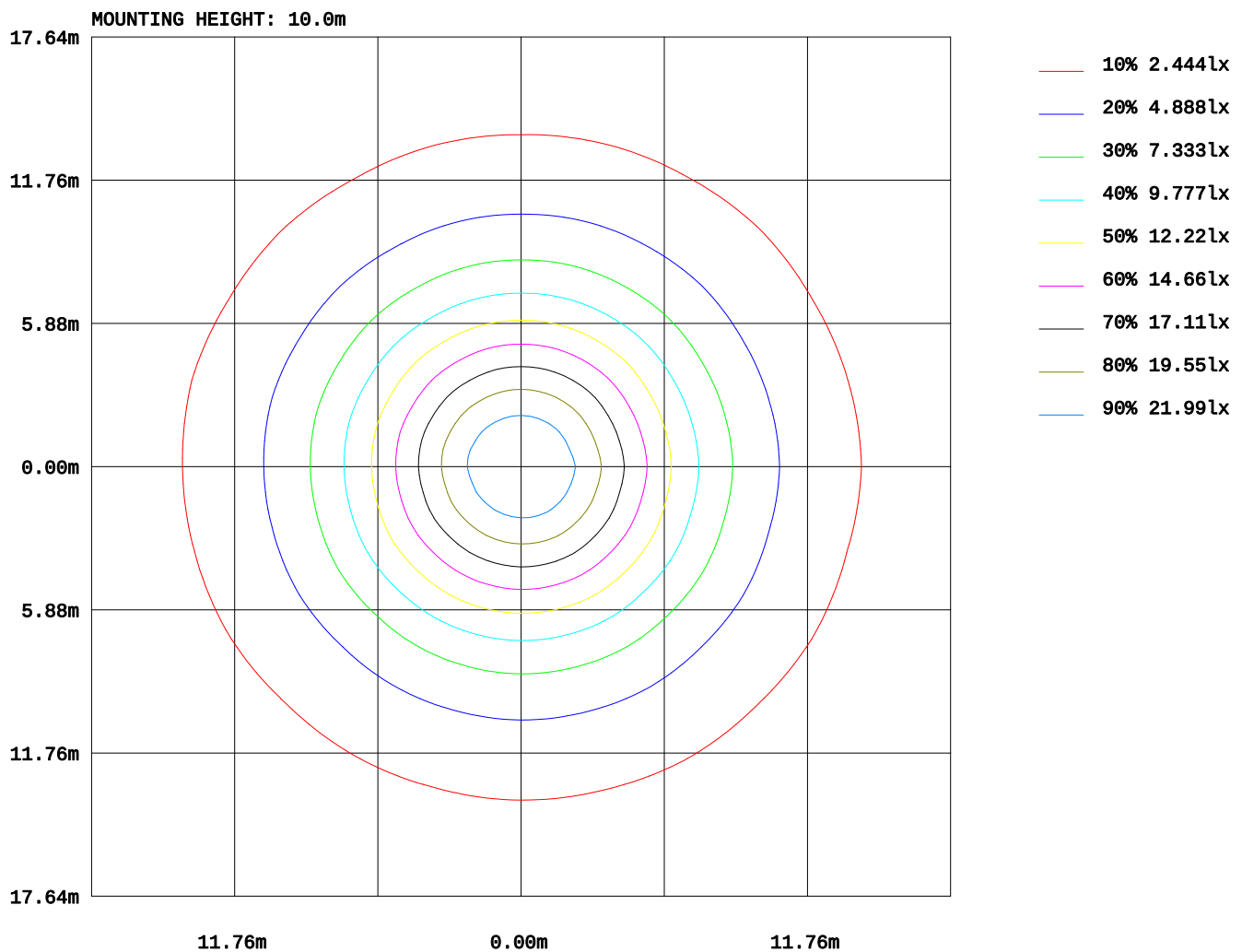
Temperature:25.3'C
Operators:
Test Date:20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra. Flickering 0.3% Temp. 36.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	DIMENSION: 980x65x60	SERIAL No.:



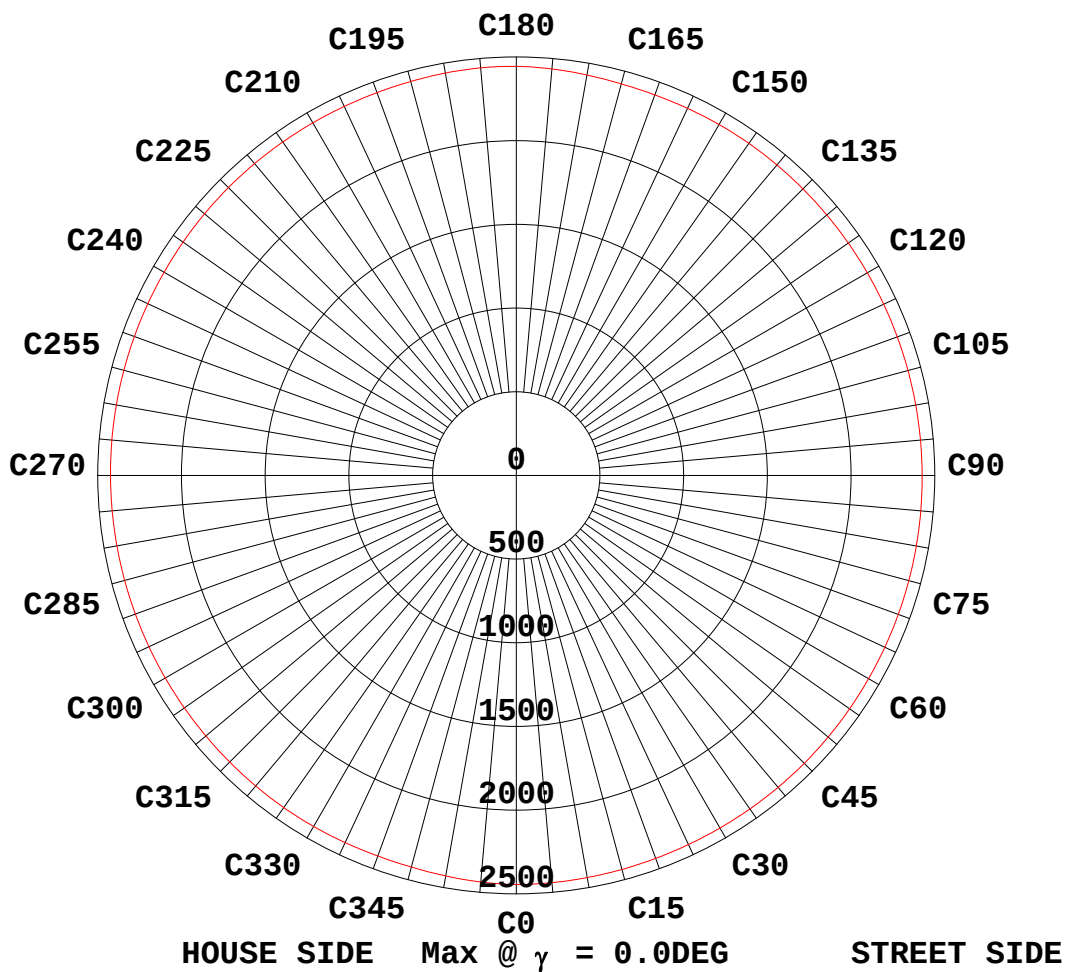
Temperature: 25.3°C
 Operators:
 Test Date: 20-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. Flickering 0.3% Temp. 36.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	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: 83Ra. Flickering 0.3% Temp. 36.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	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	2444	2437	2432	2432	2430	2427	2424	2422	2421	2421	2422	2422	2444	2437	2432
5.0	2433	2422	2420	2419	2418	2415	2411	2408	2407	2407	2409	2409	2431	2426	2419
10.0	2396	2383	2382	2379	2379	2374	2370	2367	2366	2365	2372	2372	2392	2390	2380
15.0	2337	2319	2321	2314	2316	2310	2304	2300	2300	2300	2309	2310	2330	2330	2318
20.0	2253	2235	2236	2228	2228	2220	2214	2210	2210	2211	2224	2225	2245	2247	2231
25.0	2148	2128	2129	2119	2119	2109	2102	2097	2099	2102	2121	2122	2138	2145	2124
30.0	2029	2003	2008	1992	1995	1982	1975	1970	1974	1976	1997	1999	2017	2023	2002
35.0	1890	1865	1868	1852	1852	1836	1830	1824	1830	1833	1857	1859	1877	1885	1861
40.0	1737	1709	1713	1695	1696	1677	1672	1665	1673	1676	1708	1709	1723	1737	1705
45.0	1576	1542	1552	1531	1533	1512	1508	1499	1509	1511	1543	1544	1561	1573	1542
50.0	1400	1369	1376	1353	1357	1335	1331	1321	1332	1334	1368	1370	1385	1399	1366
55.0	1216	1183	1192	1168	1177	1150	1151	1137	1153	1150	1190	1190	1199	1220	1181
60.0	1028	990	1006	980	987	963	962	950	963	962	999	998	1011	1029	993
65.0	829	794	808	781	792	767	767	754	768	764	802	800	812	832	795
70.0	626	591	607	580	599	568	576	556	575	565	608	603	608	636	593
75.0	430	390	413	387	402	378	382	367	380	373	409	403	411	436	399
80.0	239	195	175	191	176	186	180	176	177	180	173	204	210	246	200
85.0	94.4	54.5	85.7	53.7	85.5	51.5	74.5	45.5	72.1	46.9	87.6	64.3	65.1	104	59.1
90.0	16.0	4.90	15.4	4.50	15.0	4.20	14.2	4.20	14.1	4.50	15.2	4.70	5.40	17.4	4.80
95.0	13.7	6.00	13.4	5.50	12.9	5.10	12.6	5.10	12.8	5.50	13.3	5.80	6.50	13.9	5.90
100.0	13.6	7.20	13.0	6.60	12.5	6.20	12.3	6.20	12.5	6.70	13.0	7.00	7.90	13.7	7.20
105.0	13.9	8.50	13.3	7.80	12.7	7.40	12.5	7.40	12.7	7.90	13.3	8.29	9.30	13.9	8.40
110.0	14.5	9.80	13.7	9.09	13.0	8.60	13.0	8.70	13.2	9.20	13.7	9.60	10.8	14.4	9.80
115.0	15.2	11.1	14.4	10.3	13.7	9.90	13.6	9.90	13.7	10.4	14.4	11.0	12.2	15.0	11.1
120.0	16.1	12.4	15.2	11.5	14.5	11.2	14.4	11.2	14.5	11.7	15.2	12.3	13.6	15.9	12.4
125.0	17.1	13.7	16.0	12.9	15.4	12.5	15.4	12.5	15.5	13.0	16.1	13.7	15.0	16.9	13.7
130.0	18.0	15.0	17.0	14.2	16.3	13.7	16.4	13.9	16.5	14.3	17.0	15.0	16.5	17.9	15.0
135.0	19.1	16.4	17.9	15.5	17.4	15.2	17.4	15.2	17.4	15.6	18.0	16.4	17.8	18.9	16.3
140.0	20.2	17.7	18.9	16.6	18.4	16.4	18.2	16.4	18.4	16.7	19.1	17.7	18.9	20.0	17.6
145.0	21.0	18.7	19.9	17.9	19.3	17.7	19.2	17.5	19.3	18.0	20.0	18.9	20.1	20.9	18.7
150.0	21.7	19.7	20.7	19.1	20.2	19.0	20.1	18.7	20.2	19.1	21.0	20.1	21.0	21.9	19.7
155.0	22.5	20.8	21.6	20.1	21.4	20.2	21.1	19.7	21.1	20.2	21.7	21.1	21.9	22.7	20.8
160.0	23.1	21.6	22.3	21.1	22.2	21.4	22.0	20.8	22.0	21.1	22.6	22.0	22.7	23.4	21.6
165.0	23.9	22.5	23.1	22.0	23.0	22.3	22.9	21.6	22.7	22.1	23.2	22.7	23.6	24.0	22.5
170.0	24.5	23.1	23.7	22.7	23.7	23.1	23.8	22.6	23.6	22.7	23.9	23.2	24.2	24.4	23.1
175.0	25.0	23.6	24.2	23.4	24.2	23.6	24.5	23.1	24.0	23.4	24.2	23.6	24.7	24.6	23.6
180.0	25.2	24.6	23.9	23.9	24.4	23.9	24.9	23.7	24.2	23.7	24.4	23.8	25.2	24.6	23.9

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: 83Ra. Flickering 0.3% Temp. 36.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Advanced 65x60x980 60W 5000K 82Ra Opal B		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4957	DIMENSION: 980x65x60	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2432	2430	2427	2424	2422	2421	2421	2422	2422
5.0	2419	2414	2413	2410	2409	2409	2410	2408	2409
10.0	2380	2372	2371	2368	2369	2369	2372	2370	2372
15.0	2317	2304	2303	2301	2302	2304	2310	2307	2311
20.0	2230	2215	2213	2211	2214	2217	2226	2220	2226
25.0	2121	2103	2101	2098	2103	2108	2119	2115	2124
30.0	1998	1972	1969	1966	1972	1979	1993	1990	2001
35.0	1855	1830	1826	1823	1830	1838	1855	1849	1863
40.0	1700	1671	1668	1663	1673	1681	1701	1698	1714
45.0	1536	1500	1499	1493	1504	1512	1535	1531	1550
50.0	1360	1326	1325	1318	1331	1339	1364	1355	1376
55.0	1175	1139	1140	1132	1146	1154	1180	1175	1197
60.0	988	947	948	940	956	962	990	983	1006
65.0	792	754	757	749	766	771	798	785	809
70.0	593	554	561	551	569	572	600	588	614
75.0	400	360	367	358	376	377	404	390	415
80.0	173	173	180	172	178	188	173	193	174
85.0	79.4	42.2	64.3	42.3	69.9	51.8	85.0	57.0	90.5
90.0	14.8	4.50	13.7	4.30	14.0	4.50	14.9	4.70	15.6
95.0	13.3	5.60	12.8	5.30	12.8	5.50	13.3	5.90	13.7
100.0	13.0	6.70	12.5	6.40	12.6	6.70	13.0	7.10	13.6
105.0	13.3	8.00	12.8	7.70	12.8	7.90	13.3	8.40	13.7
110.0	13.7	9.20	13.3	9.00	13.3	9.09	13.7	9.70	14.4
115.0	14.5	10.5	14.0	10.3	14.0	10.4	14.4	11.0	15.0
120.0	15.2	11.9	14.9	11.7	14.7	11.7	15.2	12.3	15.9
125.0	16.2	13.2	15.8	13.0	15.7	13.0	16.1	13.6	16.7
130.0	17.2	14.5	16.7	14.4	16.6	14.3	17.0	14.9	17.8
135.0	18.0	15.8	17.8	15.6	17.7	15.6	18.0	16.1	18.7
140.0	19.0	17.0	18.7	16.7	18.7	16.7	18.9	17.2	19.7
145.0	19.9	18.0	19.6	18.0	19.6	18.0	19.7	18.5	20.6
150.0	20.8	19.2	20.5	19.0	20.7	19.2	20.6	19.5	21.4
155.0	21.6	20.2	21.4	20.1	21.6	20.2	21.5	20.4	22.2
160.0	22.4	21.1	22.2	21.1	22.6	21.1	22.3	21.2	22.9
165.0	23.1	22.0	23.0	22.2	23.4	22.1	23.0	22.1	23.4
170.0	23.8	22.7	23.6	23.1	24.0	22.7	23.6	22.7	24.0
175.0	24.2	23.4	24.2	23.9	24.2	23.2	24.1	23.4	24.2
180.0	24.4	23.9	23.9	24.4	23.7	23.8	23.7	24.4	23.8

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: 83Ra. Flickering 0.3% Temp. 36.8C