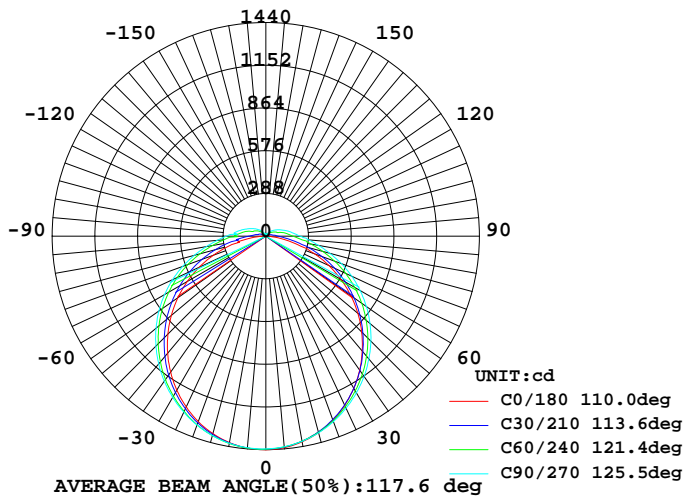


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:

MODEL:		I _{max} (cd):	1440	Effective Flux(lm):	4823.3
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	0, 0.0	EEL	0.106
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.5
NOMINAL FLUX(lm):	4823.2	η street_up(%):	3.8	Current(A)	0.175
TEST FLUX(lm):	4823.2	η street_down(%):	46.9	Power(W)	37.48
LAMPS QUANTITY:	1	η house_up(%):	3.6	Power Factor	0.968
TOTAL RADIANT(mw):	4823.2	η house_down(%):	45.8	EFFICIENCY(lm/W)	128.7



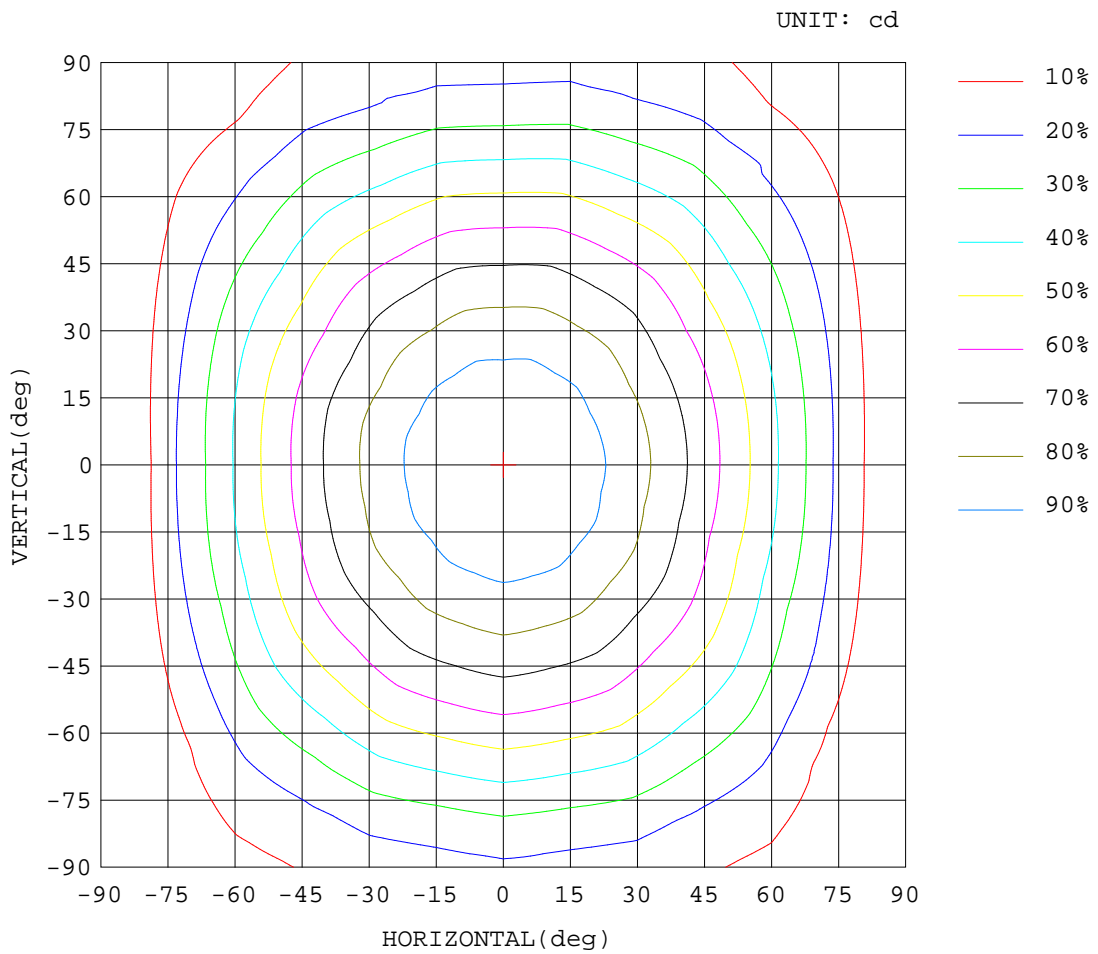
Temperature:25.3'C
 Operators:
 Test Date:14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:



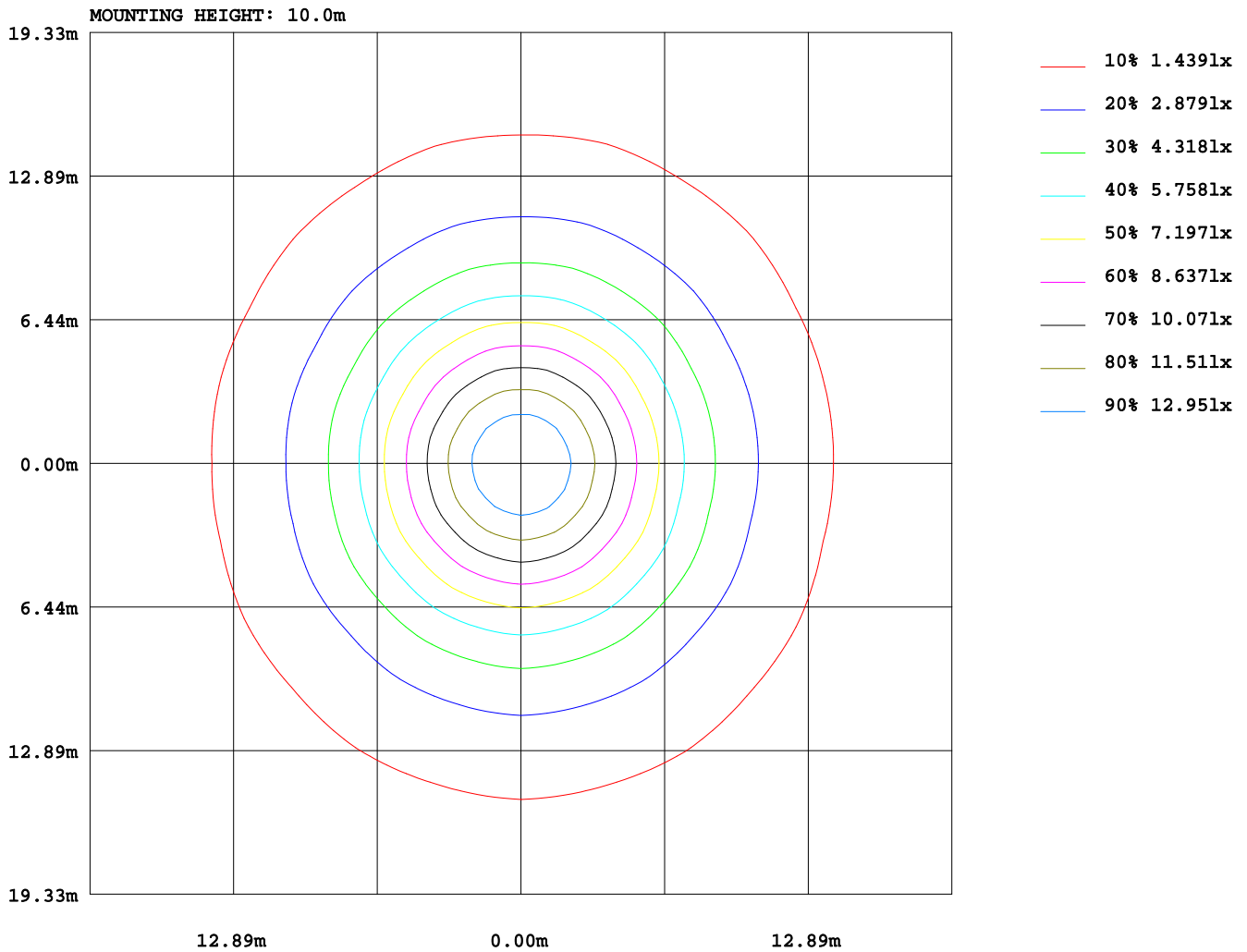
Temperature: 25.3°C
 Operators:
 Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:



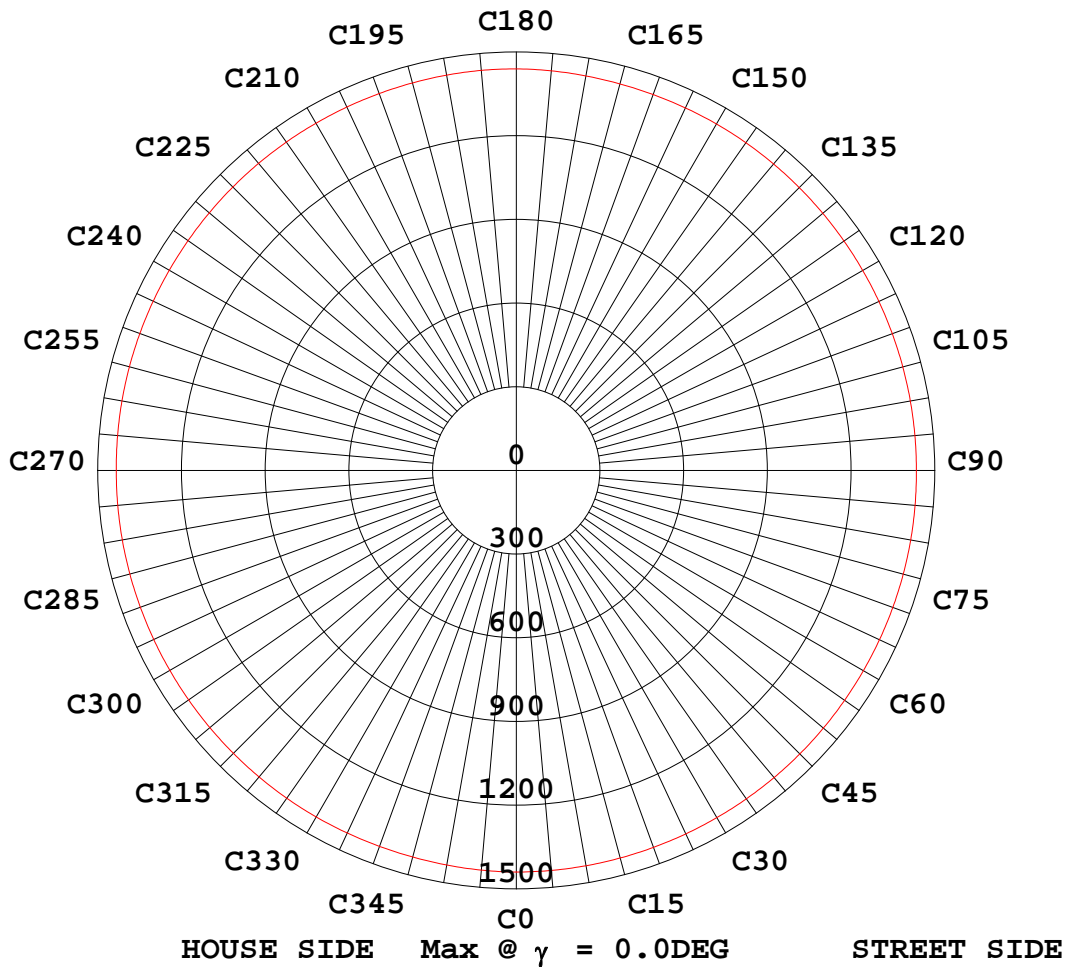
Temperature: 25.3 °C
 Operators:
 Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:

UNIT: cd

γ (deg)	C(deg)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1440	1438	1437	1437	1436	1436	1434	1434	1434	1434	1434	1435	1440	1438	1437
5.0	1434	1431	1433	1433	1434	1432	1432	1429	1429	1427	1429	1427	1431	1431	1427
10.0	1413	1410	1415	1415	1419	1416	1417	1412	1412	1407	1409	1404	1408	1409	1403
15.0	1378	1374	1384	1383	1392	1388	1392	1383	1383	1373	1376	1368	1370	1373	1366
20.0	1330	1326	1340	1341	1353	1351	1355	1345	1343	1330	1330	1320	1321	1324	1317
25.0	1269	1266	1283	1286	1304	1302	1309	1295	1292	1273	1272	1258	1258	1263	1256
30.0	1200	1196	1218	1223	1246	1247	1256	1239	1233	1209	1206	1188	1184	1193	1184
35.0	1118	1115	1142	1151	1179	1181	1193	1174	1166	1135	1128	1106	1103	1112	1106
40.0	1029	1025	1058	1071	1105	1109	1123	1101	1090	1054	1043	1016	1012	1023	1018
45.0	934	930	969	986	1026	1032	1048	1024	1011	969	954	921	913	929	925
50.0	831	828	873	894	940	948	966	939	924	876	858	818	810	826	828
55.0	725	721	773	798	851	858	880	849	834	779	759	710	700	719	725
60.0	612	612	671	700	756	767	789	758	738	680	654	601	585	610	618
65.0	495	498	564	597	657	670	693	660	639	577	546	487	469	497	512
70.0	378	383	459	493	560	571	597	561	541	472	440	372	350	382	403
75.0	260	290	352	394	460	475	499	465	441	373	334	254	223	272	298
80.0	158	163	252	297	365	382	407	374	348	282	235	153	120	176	197
85.0	66.3	81.6	175	211	286	304	330	297	272	198	162	75.5	38.6	91.0	125
90.0	16.1	38.4	116	157	198	239	267	235	213	149	109	37.5	8.29	45.2	84.0
95.0	13.5	26.1	85.3	124	185	198	214	194	178	119	82.4	26.4	8.50	31.2	65.2
100.0	13.0	18.9	65.6	101	157	169	193	166	152	98.1	64.6	19.3	9.00	23.7	45.6
105.0	12.8	14.4	50.5	76.3	129	141	167	139	125	75.0	49.9	15.4	9.60	19.5	38.2
110.0	12.7	12.6	44.1	61.0	92.6	108	142	107	92.5	61.1	42.6	12.8	10.1	16.4	29.4
115.0	12.8	11.2	30.3	51.8	84.4	94.5	122	92.5	82.8	50.8	32.7	11.2	10.5	14.3	23.1
120.0	12.9	10.3	26.4	43.0	72.7	80.8	103	78.7	70.7	41.7	26.4	10.3	11.0	13.7	20.6
125.0	13.0	10.2	23.5	33.5	61.1	68.3	86.5	66.2	58.7	33.5	22.6	10.5	11.5	13.7	17.2
130.0	13.3	10.5	20.8	28.7	46.2	56.5	71.9	54.7	48.2	27.4	19.4	11.1	11.9	13.7	14.1
135.0	13.5	11.1	17.2	24.2	41.4	42.3	58.2	44.2	39.7	22.4	16.3	11.5	12.4	14.0	12.1
140.0	13.7	11.5	14.7	19.4	34.0	35.6	45.4	34.2	31.9	17.9	14.4	12.0	12.8	14.3	12.1
145.0	14.0	12.1	14.1	15.2	27.2	27.2	34.5	26.3	25.2	14.3	14.4	12.5	13.3	14.5	12.6
150.0	14.3	12.6	14.3	12.7	20.9	20.5	26.4	19.4	19.4	12.8	14.5	13.0	13.7	14.9	13.0
155.0	14.7	13.0	14.5	12.8	16.1	15.0	19.4	14.2	15.8	13.2	14.9	13.6	14.1	15.2	13.6
160.0	15.0	13.6	14.8	13.4	15.6	13.7	16.2	13.5	15.6	13.6	15.2	14.0	14.5	15.4	14.0
165.0	15.2	14.0	15.0	13.7	15.8	14.2	16.2	13.9	15.7	14.1	15.4	14.4	14.9	15.6	14.4
170.0	15.6	14.4	15.4	14.3	16.0	14.5	16.4	14.4	15.9	14.5	15.7	14.7	15.2	15.7	14.5
175.0	15.8	14.7	15.6	14.7	16.2	15.0	16.6	14.8	16.1	14.8	15.7	14.9	15.6	15.7	14.8
180.0	15.9	15.0	15.7	15.0	16.1	15.2	16.6	15.2	16.0	15.2	15.7	15.0	16.0	15.6	15.0

Temperature: 25.3 °C
 Operators:
 Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5147	DIMENSION: .	SERIAL No.:

UNIT: cd

C(deg) \ γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1437	1436	1436	1434	1434	1434	1434	1434	1435
5.0	1428	1426	1428	1425	1427	1426	1428	1427	1428
10.0	1407	1403	1408	1404	1408	1406	1409	1405	1407
15.0	1373	1369	1377	1372	1379	1374	1378	1370	1373
20.0	1327	1324	1335	1330	1338	1331	1335	1324	1326
25.0	1270	1269	1283	1279	1288	1278	1280	1265	1266
30.0	1204	1205	1225	1220	1231	1217	1218	1195	1197
35.0	1130	1135	1158	1154	1165	1149	1146	1119	1117
40.0	1049	1056	1084	1081	1092	1073	1067	1034	1030
45.0	963	972	1005	1001	1015	990	984	943	937
50.0	870	884	919	917	931	904	893	848	837
55.0	772	789	829	828	841	812	798	747	731
60.0	673	691	737	734	750	715	701	642	624
65.0	570	594	640	640	654	619	599	538	513
70.0	466	493	542	542	556	519	497	431	400
75.0	367	395	448	446	462	421	398	326	292
80.0	274	309	360	361	373	333	304	223	194
85.0	204	233	287	290	299	253	190	147	109
90.0	156	185	193	232	244	200	175	99.5	57.2
95.0	125	153	198	195	206	165	140	76.9	39.2
100.0	103	130	171	168	177	141	117	53.5	28.9
105.0	76.0	100	143	143	150	111	87.4	48.0	23.5
110.0	68.1	78.4	110	120	118	86.1	74.8	36.5	20.1
115.0	51.2	68.3	96.0	103	103	75.8	60.0	28.0	16.6
120.0	42.5	55.9	81.8	86.4	88.5	62.6	49.5	24.2	14.5
125.0	36.0	46.2	69.4	72.0	75.1	52.2	41.9	21.7	13.5
130.0	30.7	38.5	57.9	58.2	62.5	43.7	35.9	17.6	13.5
135.0	25.5	31.4	47.6	46.5	51.5	35.7	30.5	14.2	13.7
140.0	20.4	24.7	38.0	36.0	41.0	28.5	24.2	12.0	13.9
145.0	16.3	18.7	29.1	26.9	31.5	21.6	18.7	12.3	14.1
150.0	15.2	14.1	22.0	19.5	23.8	15.9	15.5	12.8	14.4
155.0	15.4	13.4	16.7	14.2	17.7	13.5	15.2	13.3	14.7
160.0	15.5	13.7	16.1	13.9	16.5	13.7	15.5	13.7	15.0
165.0	15.7	14.2	16.2	14.4	16.5	14.3	15.7	14.2	15.2
170.0	15.9	14.5	16.3	14.9	16.5	14.7	15.9	14.5	15.4
175.0	16.0	14.8	16.4	15.2	16.5	14.9	16.0	14.8	15.6
180.0	15.8	15.0	16.3	15.6	16.3	15.2	15.9	15.2	15.6

Temperature: 25.3 °C
 Operators:
 Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,3% Flickering. Temp 26.8C