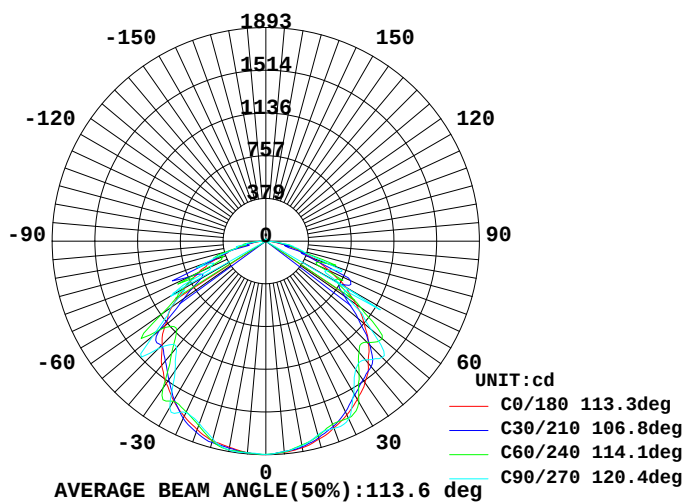


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	DIMENSION: .	SERIAL No.:

MODEL :		Imax(cd) :	1893	Effective Flux(lm) :	5494.7
NOMINAL POWER(W) :	38	MAXIMUM(C, γ) :	0, 1.0	EEI	0.093
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.5
NOMINAL FLUX(lm) :	5494.6	η street_up(%) :	1.1	Current(A)	0.174
TEST FLUX(lm) :	5494.6	η street_down(%) :	48.6	Power(W)	37.36
LAMPS QUANTITY :	1	η house_up(%) :	1.1	Power Factor	0.970
TOTAL RADIANT(mw) :	5494.7	η house_down(%) :	49.3	EEFICIENCY(lm/W)	147.1



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

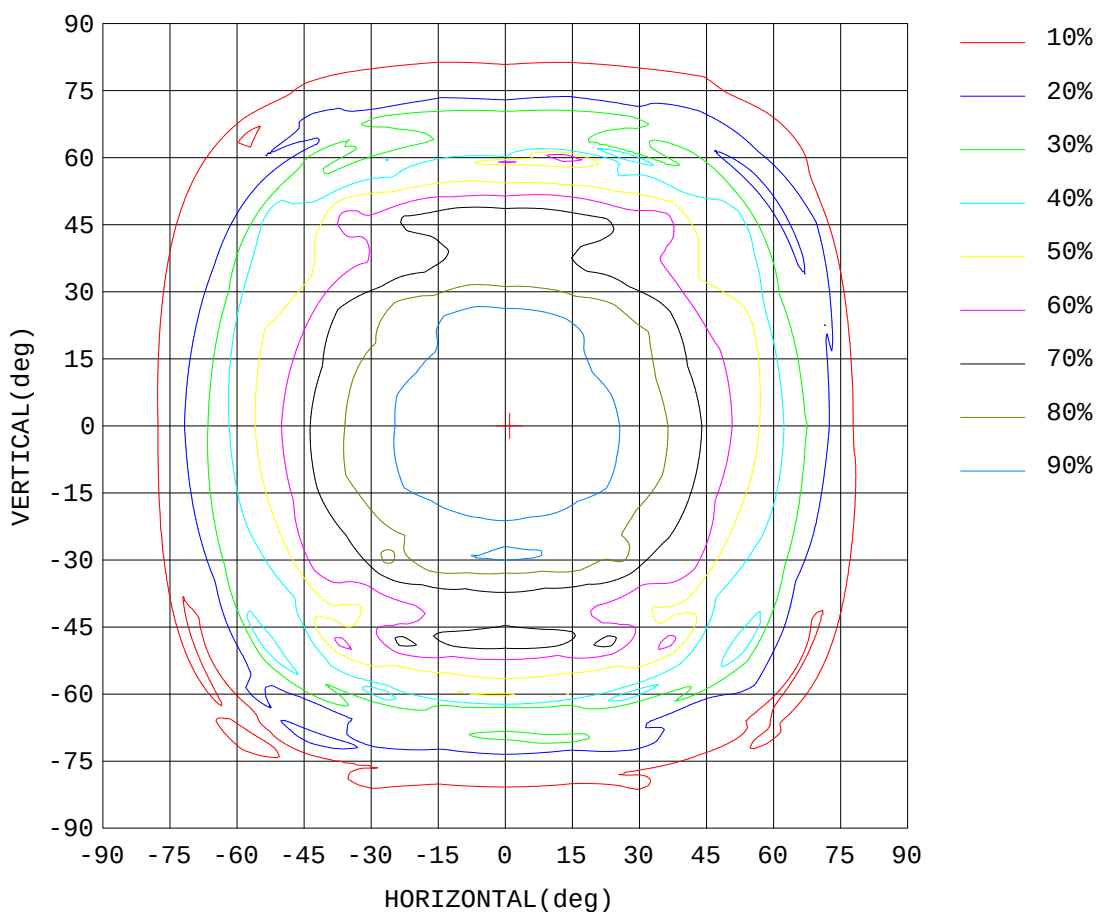
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 82Ra. 0,2% Flickering. Temp 27.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	DIMENSION: .	SERIAL No.:

UNIT: cd



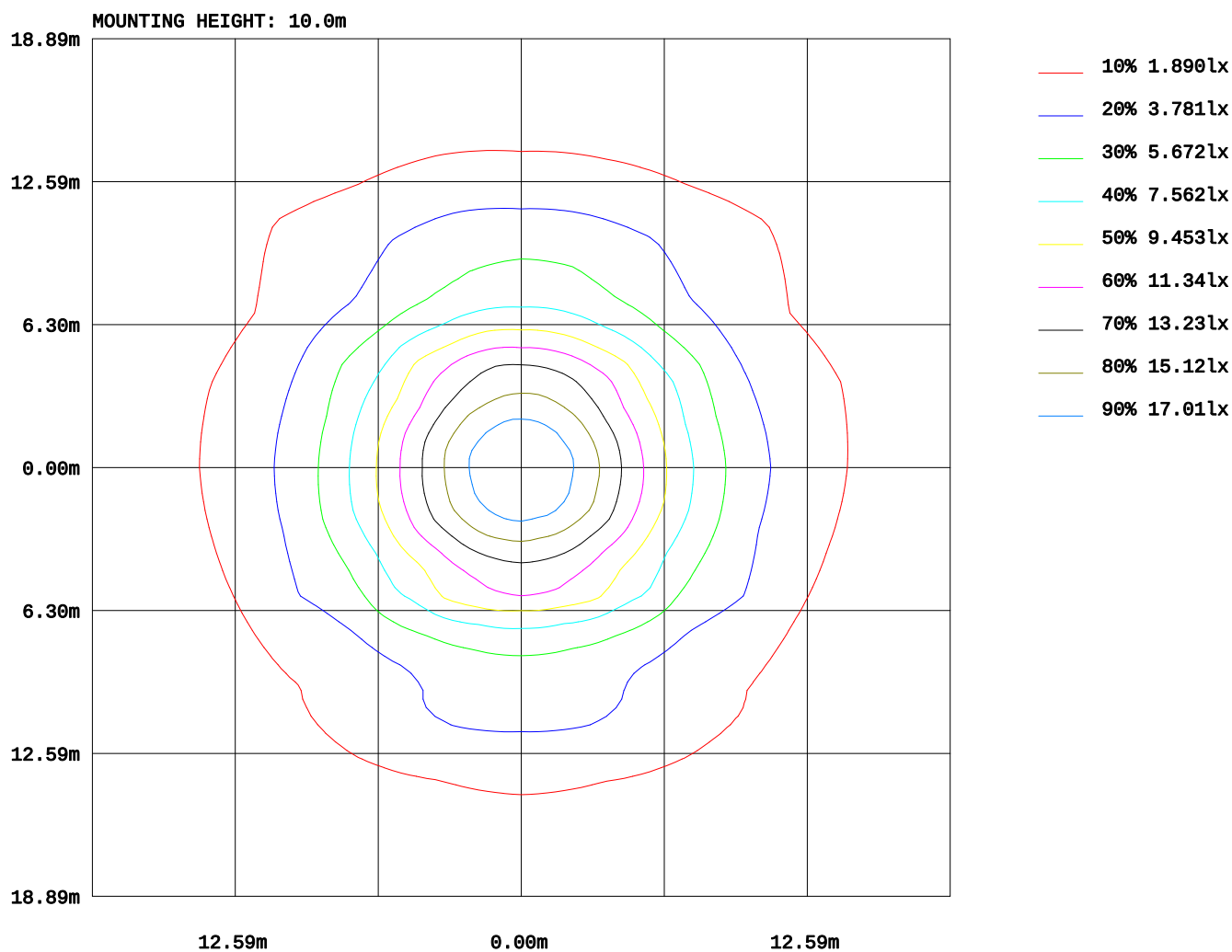
Temperature:25.3'C
Operators:
Test Date:14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. 0,2% Flickering. Temp 27.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	DIMENSION: .	SERIAL No.:



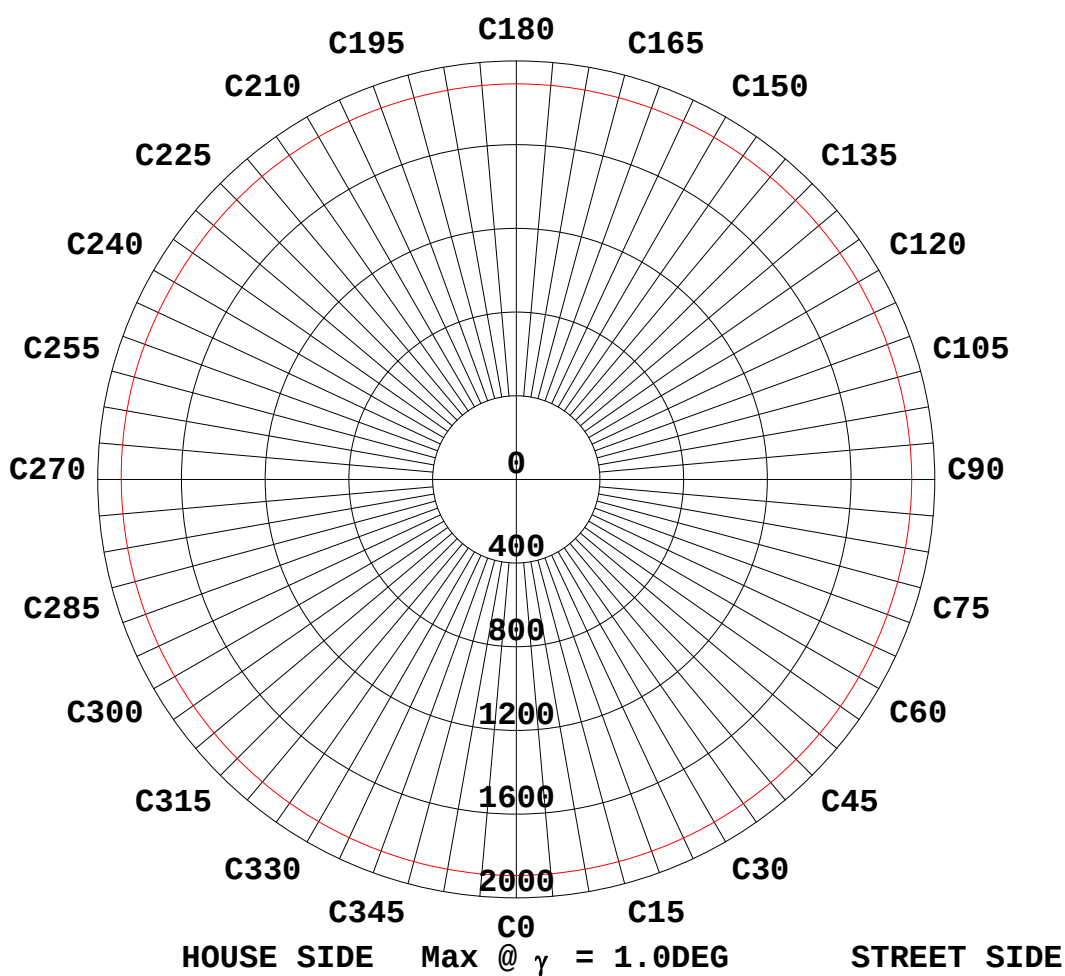
Temperature: 25.3°C
Operators:
Test Date: 14-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra. 0,2% Flickering. Temp 27.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	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: 82Ra. 0,2% Flickering. Temp 27.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	DIMENSION: .	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	1891	1890	1890	1890	1891	1889	1890	1889	1889	1889	1890	1890	1891	1890	1890
5.0	1883	1881	1882	1882	1884	1884	1883	1872	1873	1871	1877	1875	1878	1875	1872
10.0	1855	1849	1864	1870	1880	1876	1880	1872	1868	1858	1858	1855	1859	1862	1851
15.0	1830	1827	1846	1841	1834	1805	1815	1822	1834	1833	1837	1819	1817	1826	1805
20.0	1778	1778	1803	1763	1741	1720	1721	1723	1745	1769	1797	1767	1762	1774	1747
25.0	1712	1714	1733	1666	1670	1668	1677	1651	1653	1666	1730	1714	1698	1706	1670
30.0	1633	1644	1624	1576	1638	1711	1704	1708	1609	1562	1631	1637	1622	1618	1575
35.0	1538	1551	1499	1521	1591	1416	1402	1433	1608	1493	1511	1556	1531	1523	1502
40.0	1437	1434	1386	1489	1300	1226	1232	1232	1298	1516	1375	1445	1411	1397	1452
45.0	1301	1277	1308	1159	1116	1232	1345	1218	1103	1171	1270	1287	1289	1267	1306
50.0	1167	1104	1235	955	1213	1350	1304	1358	1200	937	1275	1119	1137	1109	1067
55.0	1017	932	886	984	1128	1007	1034	989	1110	953	885	932	978	975	853
60.0	829	772	665	939	851	792	976	941	831	931	658	761	825	891	764
65.0	656	721	754	645	682	469	544	495	718	621	711	744	632	621	828
70.0	472	365	505	326	399	631	582	537	418	323	497	361	445	380	402
75.0	306	179	334	328	349	309	316	312	334	489	279	177	292	357	194
80.0	165	127	208	139	197	198	242	201	218	140	252	115	132	142	137
85.0	69.1	54.4	98.5	74.8	106	73.0	102	77.0	104	72.0	102	50.0	41.5	77.1	64.2
90.0	22.1	19.0	38.2	32.1	41.9	35.6	48.2	43.0	47.9	32.4	40.7	20.8	12.7	27.5	22.6
95.0	26.0	16.2	27.7	22.6	33.0	24.6	34.0	25.0	32.7	21.9	27.5	15.4	23.1	22.6	18.4
100.0	31.7	13.2	23.6	18.9	27.2	20.6	28.2	20.6	26.9	19.1	23.7	13.7	19.7	20.0	16.3
105.0	27.0	12.3	20.1	16.2	23.6	18.7	25.0	18.7	23.6	16.0	19.9	13.7	18.0	19.4	14.7
110.0	21.5	15.4	18.6	15.0	20.4	16.5	22.7	16.6	20.2	15.4	18.5	14.2	13.2	18.2	13.7
115.0	14.8	11.3	17.2	14.9	19.6	16.1	21.4	16.1	19.5	15.0	17.9	11.0	11.5	14.5	14.4
120.0	14.8	11.4	16.4	14.8	18.9	15.9	20.2	15.9	19.1	15.0	17.0	11.3	12.2	14.5	13.0
125.0	15.2	12.1	16.3	14.2	18.9	16.5	20.1	16.5	19.0	15.6	16.4	12.0	13.0	15.0	13.4
130.0	15.8	13.0	16.4	14.9	18.6	16.7	19.9	16.6	18.7	15.2	16.3	13.0	14.0	15.7	13.5
135.0	16.5	13.7	16.5	15.4	18.9	16.9	19.9	17.4	19.0	15.2	16.2	14.0	14.9	16.4	13.7
140.0	17.0	14.7	16.4	15.6	18.7	17.1	19.9	17.1	18.7	15.2	16.3	14.9	15.7	17.0	14.7
145.0	17.6	15.4	16.6	15.5	18.5	17.2	19.1	16.7	18.0	15.2	16.7	15.7	16.4	17.6	15.4
150.0	18.0	16.1	17.2	15.6	18.0	16.7	18.6	16.3	17.6	15.6	17.4	16.5	17.1	18.1	16.2
155.0	18.5	16.6	17.7	16.2	17.9	16.6	18.0	16.3	17.6	16.4	18.0	17.2	17.7	18.7	16.9
160.0	18.9	17.2	18.0	16.9	18.1	17.2	18.0	16.6	18.0	17.1	18.5	17.8	18.1	19.1	17.5
165.0	19.3	17.8	18.6	17.5	18.7	17.9	18.7	17.4	18.5	17.6	18.9	18.2	18.7	19.5	18.0
170.0	19.6	18.2	19.0	18.0	19.1	18.5	19.3	18.0	19.0	18.1	19.3	18.6	19.3	19.6	18.5
175.0	19.9	18.7	19.4	18.6	19.5	18.9	19.7	18.6	19.4	18.6	19.5	18.9	19.6	19.6	18.7
180.0	20.0	19.1	19.5	19.0	19.6	19.1	20.2	19.1	19.5	19.0	19.6	19.1	20.1	19.6	19.0

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: 82Ra. 0,2% Flickering. Temp 27.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LSP BASIC 40W 5000K 82Ra PS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5084	DIMENSION: .	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1890	1891	1889	1890	1889	1889	1889	1890	1890
5.0	1878	1875	1878	1872	1874	1873	1881	1882	1884
10.0	1845	1833	1845	1841	1843	1840	1843	1844	1861
15.0	1799	1788	1791	1779	1784	1786	1796	1803	1823
20.0	1737	1728	1752	1766	1767	1750	1743	1747	1768
25.0	1684	1731	1767	1737	1741	1748	1705	1669	1700
30.0	1670	1648	1600	1560	1577	1628	1684	1587	1610
35.0	1567	1441	1415	1388	1412	1431	1550	1543	1517
40.0	1354	1286	1347	1373	1367	1293	1355	1469	1397
45.0	1164	1266	1412	1457	1457	1319	1180	1269	1253
50.0	1088	1347	1300	1219	1259	1346	1164	1042	1140
55.0	1184	1029	985	894	945	1038	1211	875	1056
60.0	869	728	890	773	1130	743	926	879	852
65.0	560	502	582	612	589	527	584	831	583
70.0	383	586	697	597	657	598	389	388	383
75.0	429	309	355	338	355	325	534	331	424
80.0	203	227	283	229	268	215	206	162	137
85.0	104	73.6	112	76.2	118	85.0	125	82.2	83.3
90.0	35.4	27.0	39.7	29.6	39.7	27.2	37.4	23.1	29.1
95.0	28.7	22.2	31.7	23.8	31.5	22.5	29.6	18.5	22.7
100.0	24.4	19.2	26.4	20.0	26.4	19.3	25.0	16.9	19.5
105.0	20.9	16.7	23.7	18.9	23.8	17.2	21.5	16.0	18.0
110.0	21.1	15.8	21.0	17.9	21.6	16.2	21.1	14.5	20.0
115.0	19.1	16.1	20.4	17.5	20.7	16.3	19.7	14.1	15.6
120.0	18.2	16.3	20.2	17.5	20.2	16.5	19.0	14.1	14.8
125.0	19.5	16.2	20.5	18.1	20.7	16.5	18.7	14.3	15.0
130.0	17.8	17.1	20.2	18.0	20.4	16.9	18.5	14.3	15.5
135.0	17.9	16.4	20.5	18.1	20.2	16.6	18.6	14.3	16.1
140.0	17.2	16.6	19.6	17.7	19.6	17.2	18.1	14.5	16.6
145.0	17.1	16.0	19.2	17.7	19.9	16.7	17.6	15.2	17.2
150.0	17.4	15.9	18.2	16.9	18.9	16.4	17.5	15.9	17.7
155.0	18.0	16.4	17.9	16.4	18.2	16.5	17.8	16.5	18.1
160.0	18.4	17.0	18.1	17.0	18.7	17.1	18.2	17.1	18.7
165.0	18.7	17.6	18.6	17.7	19.2	17.7	18.7	17.8	19.0
170.0	19.3	18.2	19.1	18.5	19.5	18.2	19.2	18.2	19.3
175.0	19.6	18.7	19.6	19.2	19.9	18.7	19.5	18.7	19.6
180.0	19.5	19.0	19.6	19.6	19.6	19.0	19.6	19.0	19.6

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: 82Ra. 0,2% Flickering. Temp 27.3C