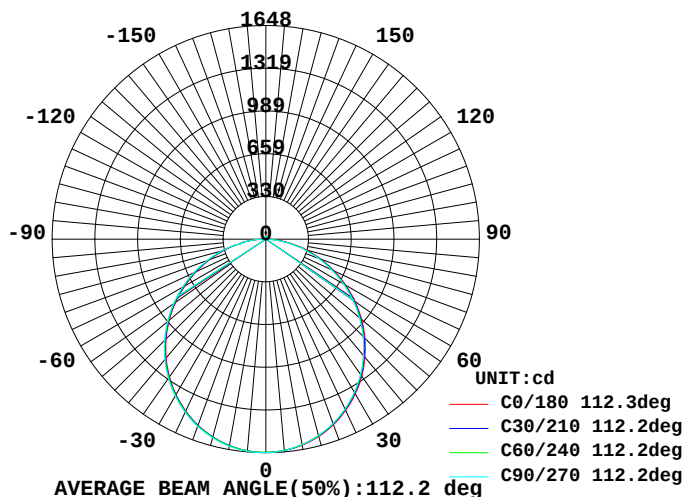


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	SERIAL No.:

MODEL:		Imax(cd):	1653	Effective Flux(lm):	4774.3
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	165, 1.0	EEI	0.108
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4774.3	η street_up(%):	0.7	Current(A)	0.176
TEST FLUX(lm):	4774.3	η street_down(%):	49.9	Power(W)	37.91
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.976
TOTAL RADIANT(mw):	4774.3	η house_down(%)	48.6	EEFICIENCY(lm/W)	125.9



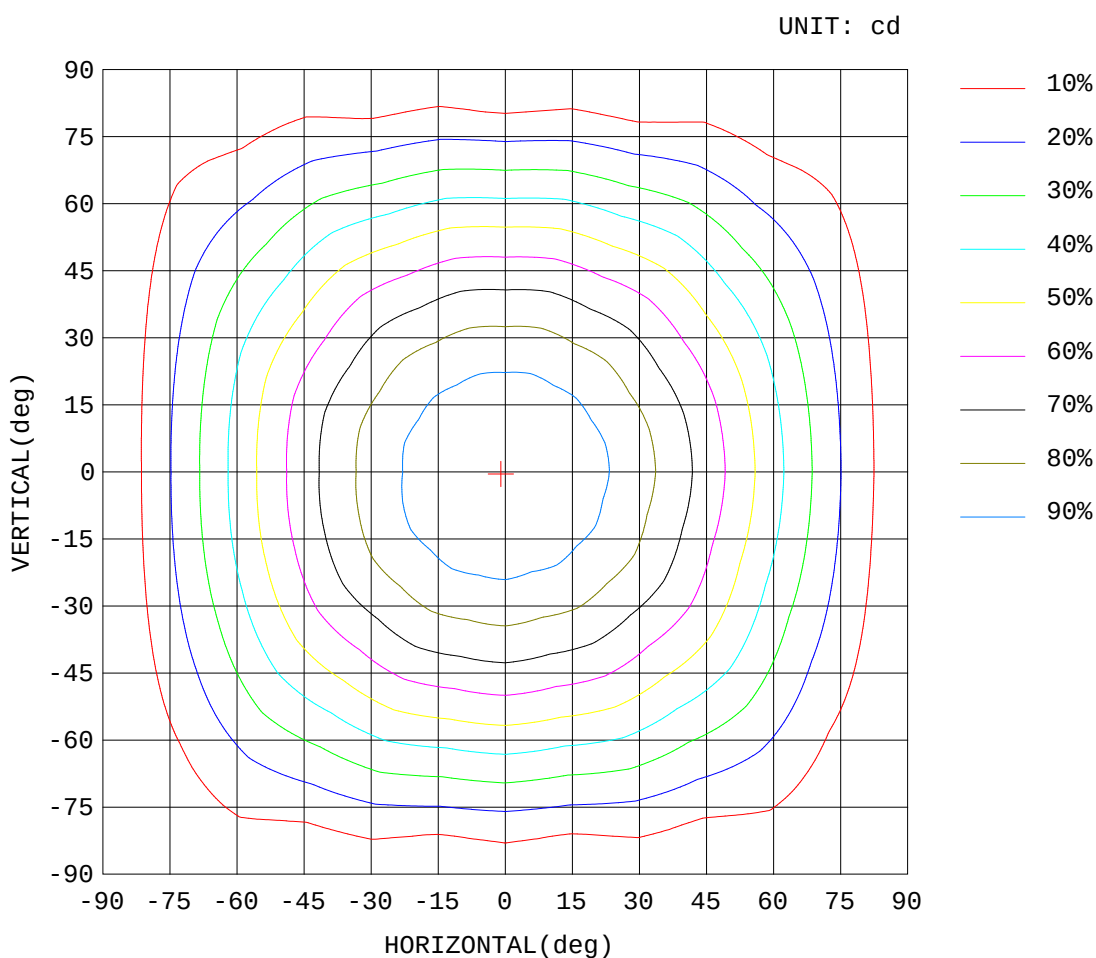
Temperature:25.3'C
 Operators:
 Test Date:04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 84Ra. 0,1% Flickering. Temp 29.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	SERIAL No.:



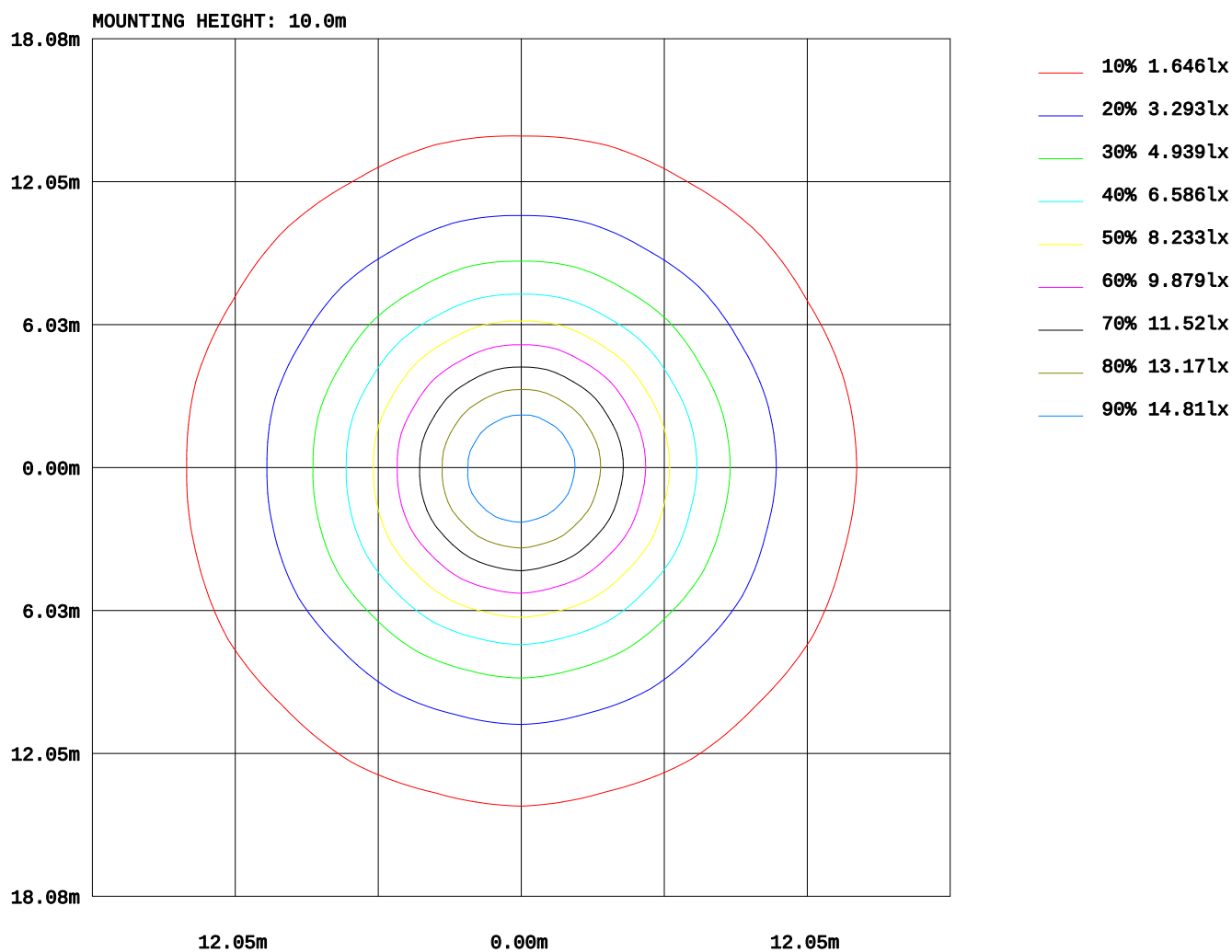
Temperature:25.3'C
Operators:
Test Date:04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra. 0,1% Flickering. Temp 29.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	SERIAL No.:



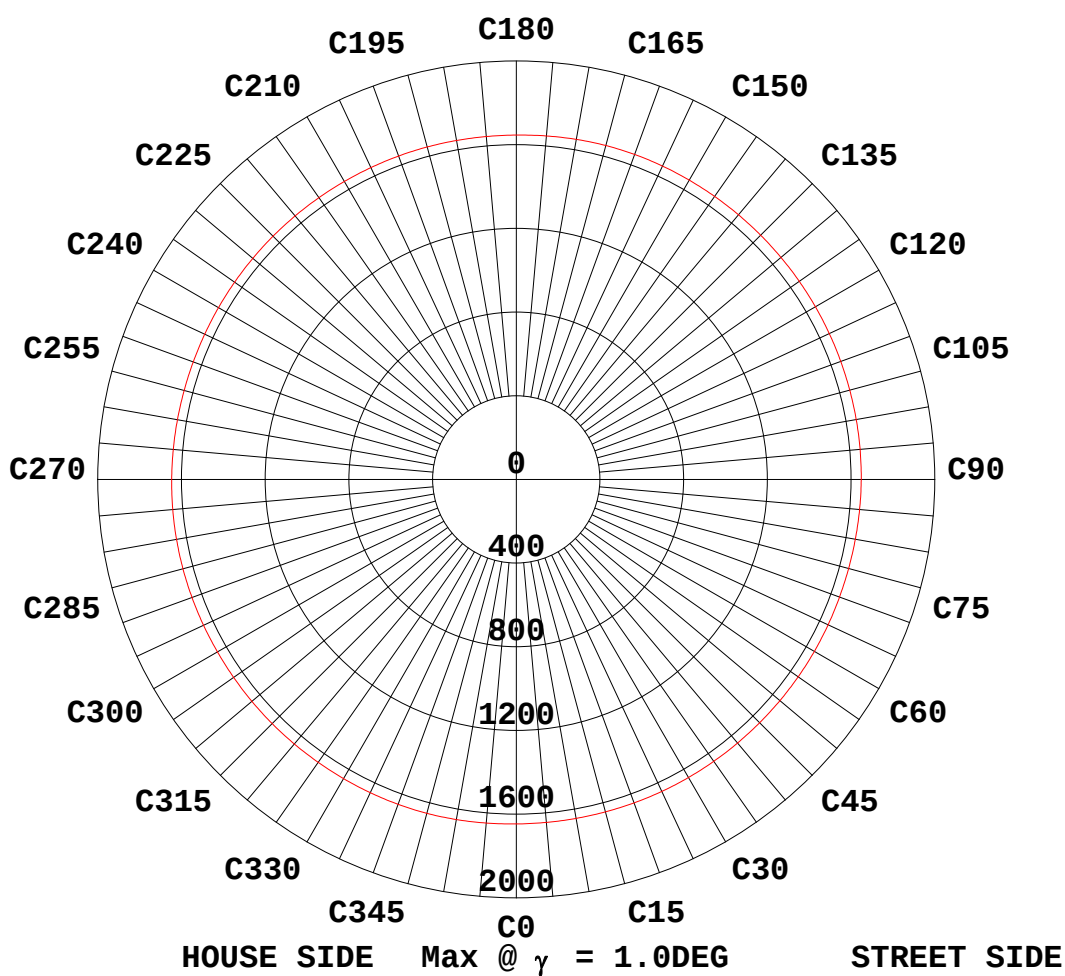
Temperature: 25.3°C
 Operators:
 Test Date: 04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 84Ra. 0,1% Flickering. Temp 29.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 84Ra. 0,1% Flickering. Temp 29.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	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	1647	1646	1645	1645	1644	1644	1648	1650	1650	1651	1652	1653	1647	1646	1645
5.0	1639	1637	1639	1637	1639	1637	1644	1644	1647	1645	1648	1646	1639	1639	1636
10.0	1617	1612	1617	1614	1618	1615	1623	1622	1627	1624	1628	1624	1615	1617	1612
15.0	1580	1573	1581	1575	1583	1577	1588	1586	1594	1587	1594	1586	1577	1581	1572
20.0	1528	1521	1530	1524	1532	1526	1538	1535	1545	1537	1545	1535	1525	1530	1520
25.0	1462	1454	1465	1458	1468	1460	1475	1470	1482	1473	1482	1470	1459	1465	1452
30.0	1386	1376	1390	1381	1394	1384	1400	1394	1408	1397	1408	1394	1380	1389	1373
35.0	1296	1285	1301	1290	1305	1294	1312	1304	1320	1308	1320	1304	1292	1301	1284
40.0	1196	1183	1201	1189	1206	1194	1213	1204	1222	1208	1221	1203	1191	1201	1183
45.0	1089	1075	1095	1081	1100	1087	1107	1097	1117	1101	1117	1096	1081	1096	1073
50.0	971	956	978	963	984	969	991	980	1001	984	1000	978	966	979	957
55.0	847	831	858	839	865	846	872	856	882	860	881	854	841	856	832
60.0	722	704	729	712	737	720	744	730	755	734	753	727	712	731	703
65.0	590	571	598	580	607	588	614	598	624	602	622	594	583	600	574
70.0	462	439	470	448	479	457	486	465	496	469	493	462	452	470	443
75.0	333	314	341	322	351	331	356	339	366	342	364	336	324	345	316
80.0	182	184	183	190	181	196	180	201	237	206	239	203	196	182	188
85.0	111	77.3	116	77.1	116	76.0	114	75.0	120	85.2	132	93.1	87.6	119	79.4
90.0	15.6	4.20	15.8	4.40	16.2	4.10	16.6	4.30	18.0	4.70	20.2	4.30	4.60	19.2	4.70
95.0	11.9	5.00	11.7	4.70	11.5	4.60	11.4	4.50	11.5	4.60	11.8	4.80	5.30	12.2	5.00
100.0	11.5	5.80	11.3	5.50	11.1	5.30	10.9	5.20	11.0	5.40	11.3	5.70	6.30	11.5	5.80
105.0	11.5	6.70	11.2	6.30	11.0	6.10	10.9	6.00	10.9	6.40	11.2	6.60	7.20	11.5	6.70
110.0	11.8	7.60	11.4	7.20	11.1	7.00	11.1	7.00	11.0	7.10	11.4	7.50	8.20	11.8	7.70
115.0	12.1	8.50	11.7	8.10	11.5	8.00	11.4	7.90	11.4	8.10	11.7	8.40	9.20	12.2	8.60
120.0	12.7	9.40	12.2	9.00	11.9	8.90	11.9	8.80	11.9	9.00	12.2	9.30	10.2	12.6	9.50
125.0	13.3	10.4	12.8	10.0	12.5	9.80	12.5	9.80	12.4	10.0	12.7	10.3	11.2	13.2	10.5
130.0	13.9	11.3	13.3	10.9	13.0	10.8	13.0	10.7	13.0	10.9	13.3	11.3	12.2	13.7	11.4
135.0	14.5	12.1	13.9	11.8	13.7	11.7	13.7	11.5	13.7	11.7	13.9	12.2	13.0	14.5	12.2
140.0	15.0	13.0	14.4	12.5	14.3	12.5	14.4	12.5	14.3	12.5	14.5	13.0	13.9	15.2	13.0
145.0	15.7	13.7	15.0	13.3	14.8	13.4	14.9	13.3	14.8	13.3	15.0	14.0	14.5	15.8	13.7
150.0	16.1	14.5	15.5	14.0	15.4	14.1	15.4	13.9	15.2	14.0	15.7	14.8	15.2	16.4	14.5
155.0	16.5	15.0	16.0	14.7	15.9	14.9	15.9	14.5	15.8	14.7	16.3	15.4	15.9	16.9	15.2
160.0	17.1	15.7	16.5	15.2	16.5	15.6	16.4	15.2	16.3	15.4	16.7	16.1	16.5	17.2	15.9
165.0	17.5	16.2	16.9	15.9	16.9	16.2	17.0	15.8	16.7	16.1	17.2	16.5	17.1	17.7	16.4
170.0	17.9	16.5	17.4	16.4	17.2	16.6	17.6	16.4	17.2	16.5	17.6	17.0	17.6	17.9	16.7
175.0	18.1	17.0	17.7	16.9	17.6	17.0	18.0	16.9	17.7	17.0	17.9	17.2	18.0	18.0	17.1
180.0	18.2	17.4	17.8	17.2	17.8	17.2	18.1	17.4	17.8	17.2	17.9	17.4	18.2	17.9	17.2

Temperature:25.3'C
Operators:
Test Date:04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra. 0,1% Flickering. Temp 29.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5096	DIMENSION: 1026x66x26	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1645	1644	1644	1648	1650	1650	1651	1652	1653
5.0	1637	1634	1636	1638	1641	1639	1642	1641	1644
10.0	1614	1609	1612	1611	1615	1611	1617	1614	1620
15.0	1577	1568	1573	1570	1576	1569	1577	1572	1582
20.0	1525	1515	1520	1516	1522	1514	1523	1518	1529
25.0	1459	1446	1453	1447	1454	1444	1455	1448	1462
30.0	1383	1366	1376	1365	1376	1362	1377	1366	1384
35.0	1293	1276	1286	1275	1285	1271	1285	1275	1293
40.0	1193	1174	1185	1172	1183	1167	1183	1172	1191
45.0	1087	1063	1078	1060	1075	1054	1075	1059	1083
50.0	970	947	961	944	958	937	957	942	965
55.0	847	822	837	819	833	811	832	815	840
60.0	722	693	713	689	708	681	706	685	714
65.0	591	565	582	560	577	552	575	555	582
70.0	461	434	453	429	446	420	444	423	451
75.0	337	306	328	301	321	295	318	296	326
80.0	181	177	186	170	194	161	194	170	192
85.0	106	62.6	91.7	50.5	78.5	45.8	84.0	58.7	101
90.0	15.0	4.30	13.3	4.00	12.7	4.10	13.2	4.20	14.0
95.0	11.7	4.70	11.3	4.60	11.3	4.80	11.5	5.00	11.8
100.0	11.3	5.60	11.0	5.50	10.9	5.60	11.2	5.90	11.4
105.0	11.2	6.50	11.0	6.40	10.9	6.50	11.2	6.70	11.5
110.0	11.5	7.40	11.2	7.40	11.2	7.40	11.5	7.70	11.7
115.0	11.9	8.29	11.7	8.40	11.5	8.40	11.9	8.60	12.1
120.0	12.4	9.30	12.2	9.30	12.2	9.30	12.4	9.60	12.6
125.0	13.0	10.3	12.8	10.3	12.8	10.3	12.9	10.5	13.2
130.0	13.6	11.2	13.4	11.2	13.4	11.2	13.6	11.4	13.7
135.0	14.1	12.1	14.0	12.2	14.1	12.1	14.1	12.2	14.4
140.0	14.7	12.8	14.5	12.9	14.7	12.9	14.7	13.0	15.0
145.0	15.2	13.6	15.0	13.6	15.2	13.7	15.2	13.7	15.5
150.0	15.7	14.2	15.6	14.3	15.8	14.4	15.7	14.4	16.0
155.0	16.2	14.8	16.1	14.9	16.4	15.0	16.2	15.0	16.5
160.0	16.6	15.4	16.5	15.5	16.9	15.6	16.6	15.6	16.9
165.0	17.2	16.1	17.0	16.2	17.4	16.2	17.1	16.2	17.2
170.0	17.5	16.5	17.4	16.9	17.7	16.6	17.5	16.6	17.6
175.0	17.8	17.0	17.7	17.4	17.9	17.0	17.8	17.0	17.9
180.0	17.8	17.2	17.8	17.7	17.9	17.2	17.9	17.4	18.0

Temperature:25.3'C
Operators:
Test Date:04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra. 0,1% Flickering. Temp 29.8C