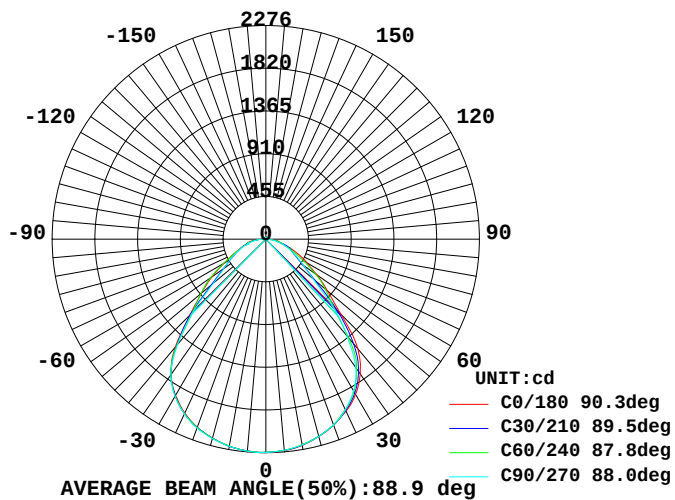


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	DIMENSION: 1026x66x26	SERIAL No.:

MODEL:		Imax(cd):	2276	Effective Flux(lm):	4965.3
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	150, 2.0	EEI	0.104
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4965.3	η street_up(%):	0.7	Current(A)	0.176
TEST FLUX(lm):	4965.3	η street_down(%):	50.1	Power(W)	38.00
LAMPS QUANTITY:	1	η house_up(%):	0.8	Power Factor	0.976
TOTAL RADIANT(mw):	4965.3	η house_down(%):	48.4	EEFICIENCY(lm/W)	130.6



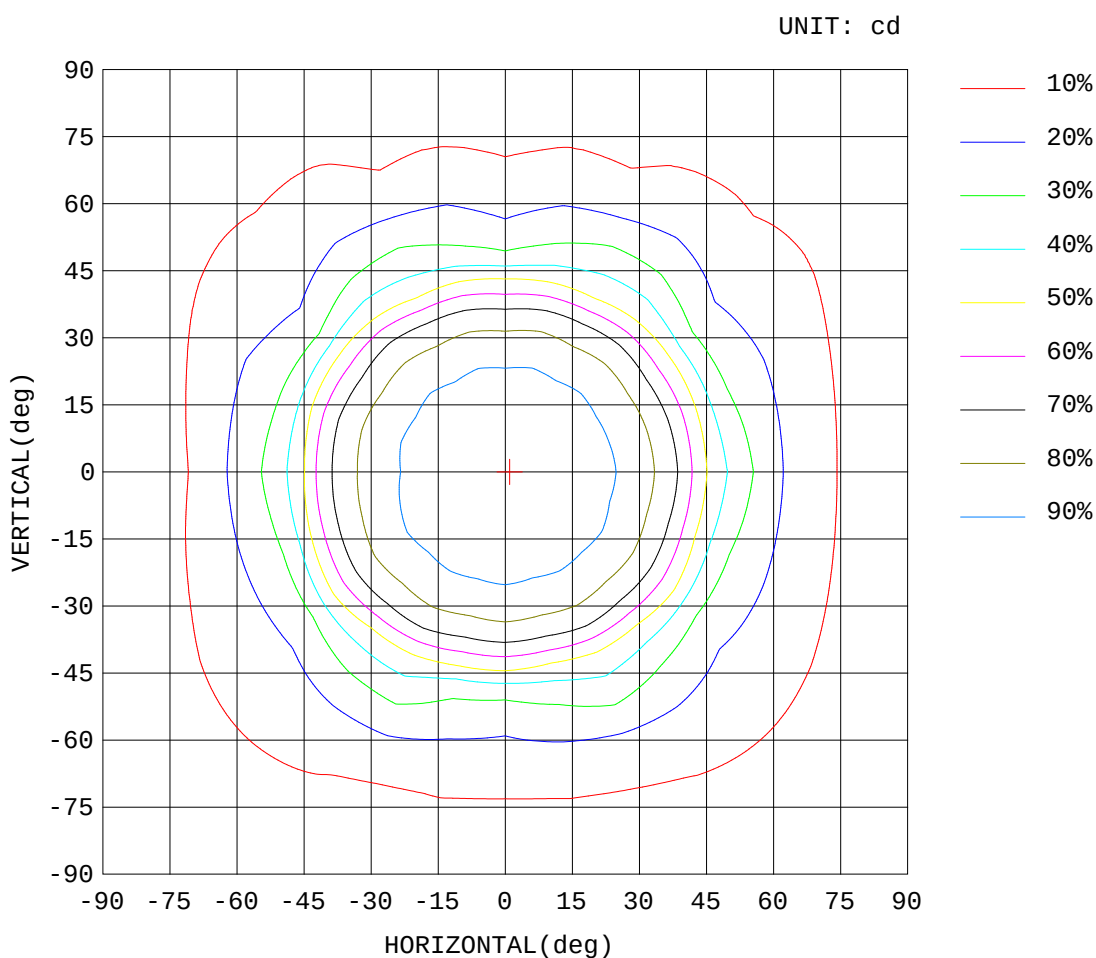
Temperature: 25.3°C
 Operators:
 Test Date: 04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. 0,3% Flickering. Temp 31.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	DIMENSION: 1026x66x26	SERIAL No.:



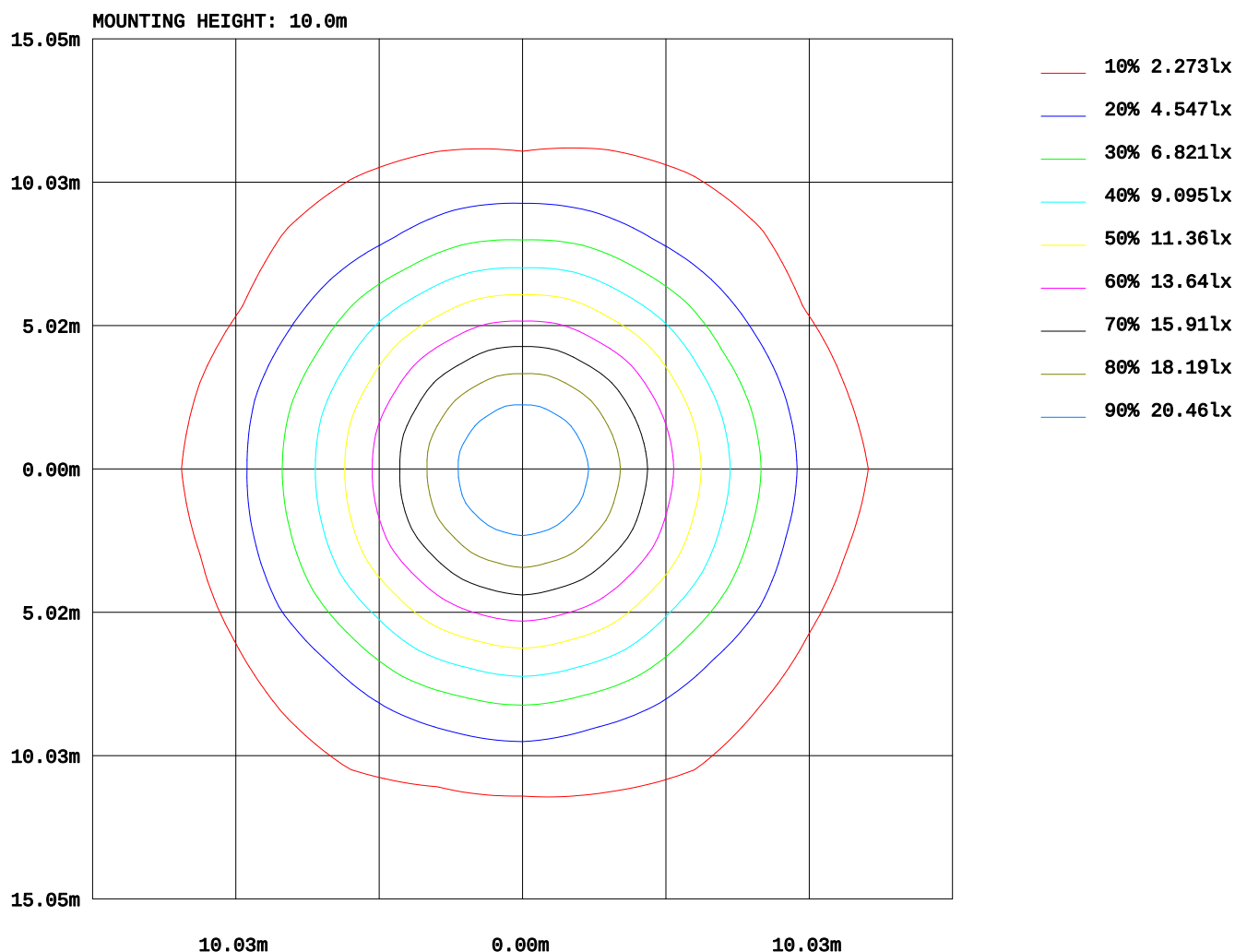
Temperature:25.3'C
Operators:
Test Date:04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. 0,3% Flickering. Temp 31.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	DIMENSION: 1026x66x26	SERIAL No.:



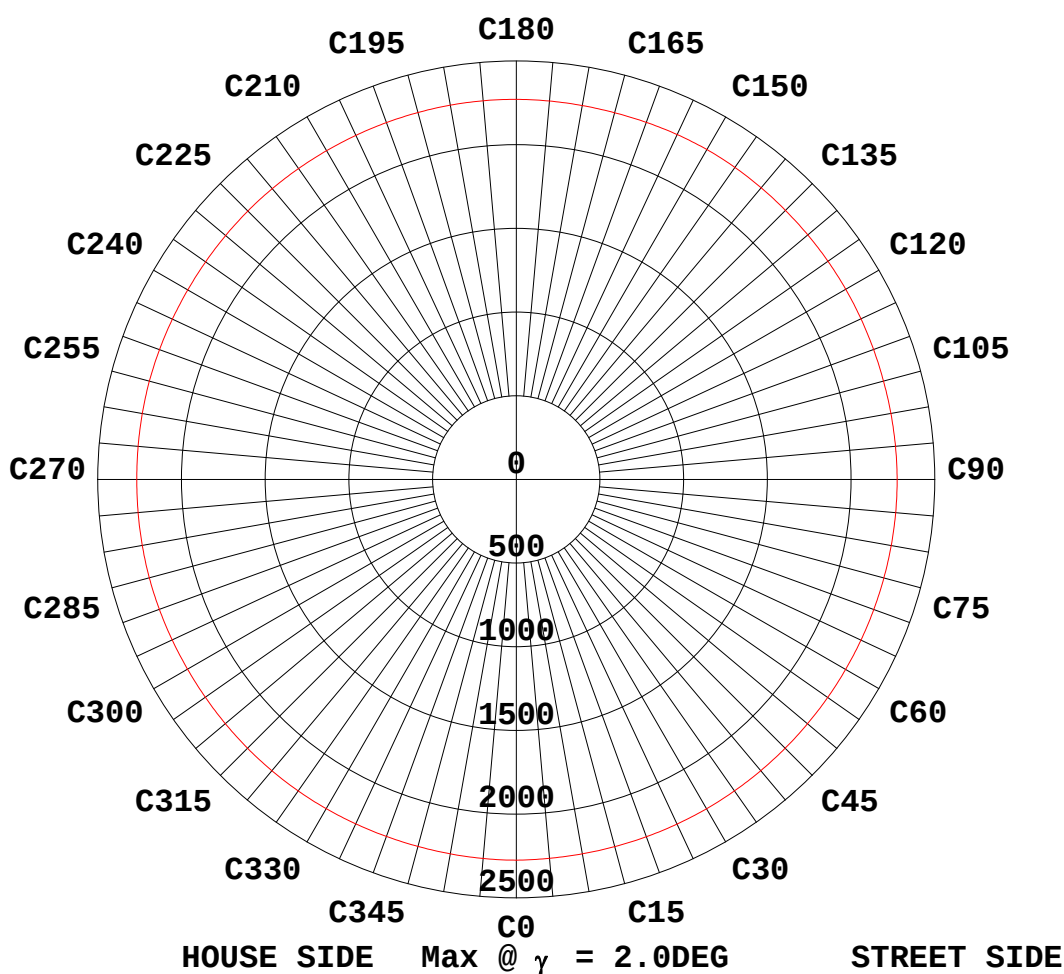
Temperature: 25.3°C
Operators:
Test Date: 04-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra. 0,3% Flickering. Temp 31.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	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: 82Ra. 0,3% Flickering. Temp 31.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	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	2274	2272	2270	2271	2270	2272	2273	2272	2272	2273	2274	2270	2274	2272	2270
5.0	2265	2262	2265	2264	2266	2266	2267	2263	2266	2264	2268	2259	2261	2261	2258
10.0	2239	2234	2242	2235	2238	2236	2241	2236	2239	2236	2242	2231	2231	2234	2228
15.0	2195	2186	2196	2188	2196	2188	2201	2191	2198	2188	2198	2182	2176	2185	2174
20.0	2133	2122	2137	2127	2137	2128	2142	2127	2136	2123	2135	2119	2110	2122	2109
25.0	2044	2031	2053	2040	2050	2036	2053	2041	2052	2041	2059	2037	2022	2032	2015
30.0	1923	1910	1930	1914	1934	1915	1936	1918	1941	1928	1951	1923	1911	1917	1893
35.0	1760	1741	1758	1736	1764	1740	1762	1743	1781	1765	1794	1764	1754	1761	1725
40.0	1499	1463	1478	1444	1473	1428	1459	1447	1518	1515	1557	1527	1527	1523	1456
45.0	1145	1095	1132	1067	1108	1054	1101	1091	1136	1117	1208	1164	1127	1149	1078
50.0	896	799	756	818	901	806	728	758	902	869	798	794	861	796	688
55.0	701	598	556	629	721	617	550	576	714	655	557	572	665	586	486
60.0	520	482	436	497	525	489	439	468	538	499	423	461	506	477	370
65.0	383	377	353	369	374	369	352	373	384	361	341	384	388	400	309
70.0	289	297	283	289	280	288	274	293	276	282	298	315	249	321	275
75.0	192	220	190	214	202	207	205	203	210	212	187	211	158	186	185
80.0	183	144	161	143	172	130	147	123	164	148	147	132	140	155	114
85.0	107	71.8	102	64.0	88.5	57.3	80.0	52.2	82.5	56.1	89.7	67.5	69.3	88.0	57.0
90.0	16.1	3.50	16.5	3.90	17.4	4.60	17.1	4.80	17.2	4.60	16.6	3.60	3.90	14.5	3.80
95.0	10.7	4.10	10.3	3.90	10.2	3.80	9.80	3.70	10.1	3.90	10.2	4.10	4.60	10.7	4.20
100.0	10.3	4.80	9.90	4.50	9.70	4.30	9.30	4.30	9.70	4.50	9.80	4.90	5.40	10.2	5.00
105.0	10.3	5.80	9.80	5.30	9.60	5.10	9.20	5.00	9.50	5.40	9.80	5.70	6.40	10.3	5.90
110.0	10.7	6.80	10.2	6.30	9.80	6.10	9.50	6.10	9.80	6.40	10.2	6.80	7.50	10.7	7.00
115.0	11.3	8.10	10.8	7.50	10.4	7.20	10.1	7.20	10.4	7.60	10.8	8.00	8.80	11.4	8.29
120.0	12.2	9.40	11.7	8.80	11.2	8.50	11.0	8.50	11.2	8.90	11.7	9.30	10.2	12.3	9.70
125.0	13.3	10.7	12.7	10.2	12.2	10.0	12.1	10.0	12.3	10.3	12.8	10.7	11.5	13.3	11.0
130.0	14.4	12.1	13.7	11.5	13.3	11.4	13.3	11.4	13.4	11.7	13.7	12.1	13.0	14.4	12.4
135.0	15.5	13.4	14.8	12.9	14.5	12.8	14.5	12.9	14.5	13.0	14.9	13.5	14.5	15.6	13.7
140.0	16.5	14.8	15.8	14.2	15.6	14.2	15.6	14.2	15.6	14.3	16.0	15.0	15.9	16.7	15.0
145.0	17.7	16.1	16.7	15.4	16.5	15.5	16.6	15.4	16.5	15.6	17.1	16.4	17.2	17.9	16.3
150.0	18.7	17.4	17.9	16.5	17.7	16.6	17.6	16.5	17.7	16.7	18.2	17.7	18.4	19.2	17.7
155.0	20.0	18.6	19.1	18.0	18.7	18.0	18.6	17.7	18.7	18.1	19.4	19.1	19.6	20.2	18.9
160.0	21.1	19.9	20.2	19.3	20.0	19.5	19.6	19.1	19.7	19.4	20.6	20.4	21.0	21.4	20.2
165.0	22.2	21.0	21.2	20.5	21.1	20.8	21.1	20.2	21.0	20.7	21.6	21.4	22.1	22.3	21.2
170.0	23.1	21.9	22.2	21.6	22.2	21.7	22.4	21.5	22.1	21.6	22.6	22.2	23.0	23.0	22.1
175.0	23.7	22.6	22.9	22.4	22.9	22.5	23.2	22.4	22.9	22.5	23.1	22.7	23.7	23.5	22.7
180.0	24.0	23.1	23.2	22.9	23.2	23.0	23.8	23.0	23.2	22.9	23.4	23.0	24.1	23.5	22.9

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: 82Ra. 0,3% Flickering. Temp 31.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Liner Basic 40W 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5176	DIMENSION: 1026x66x26	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2271	2270	2272	2273	2272	2272	2273	2274	2270
5.0	2262	2258	2261	2259	2261	2259	2263	2261	2260
10.0	2231	2223	2230	2226	2230	2224	2233	2227	2228
15.0	2181	2174	2187	2176	2189	2177	2185	2179	2184
20.0	2118	2106	2117	2108	2121	2112	2124	2111	2119
25.0	2029	2005	2023	2007	2024	2009	2031	2021	2029
30.0	1906	1875	1894	1868	1897	1871	1902	1889	1908
35.0	1731	1690	1704	1671	1706	1687	1714	1705	1741
40.0	1457	1380	1390	1346	1379	1363	1407	1397	1459
45.0	1065	1020	1033	990	1029	1035	1060	1040	1104
50.0	822	827	753	657	768	847	841	706	781
55.0	606	645	583	492	589	655	643	514	592
60.0	465	466	468	383	465	470	497	402	479
65.0	358	334	379	297	358	333	363	321	383
70.0	295	231	294	234	279	237	292	252	307
75.0	189	179	200	157	203	175	195	192	235
80.0	159	124	136	102	130	113	152	124	163
85.0	70.5	42.5	60.9	33.2	56.5	37.2	65.1	50.3	89.5
90.0	12.6	3.50	11.5	3.30	11.2	3.60	12.2	3.80	13.5
95.0	10.3	4.00	9.80	3.80	9.70	3.90	10.1	4.10	10.5
100.0	9.80	4.60	9.40	4.40	9.30	4.60	9.70	4.90	10.1
105.0	9.90	5.50	9.40	5.30	9.40	5.40	9.70	5.80	10.2
110.0	10.3	6.60	9.90	6.40	9.80	6.50	10.2	6.90	10.5
115.0	11.0	7.80	10.5	7.70	10.5	7.70	11.0	8.20	11.3
120.0	11.9	9.20	11.5	9.09	11.4	9.09	11.9	9.70	12.2
125.0	13.0	10.5	12.6	10.5	12.6	10.5	13.0	11.0	13.3
130.0	14.1	12.1	13.7	12.1	13.7	12.1	14.1	12.4	14.3
135.0	15.2	13.5	15.0	13.5	15.0	13.5	15.2	13.6	15.4
140.0	16.2	14.7	16.1	14.9	16.2	14.7	16.2	14.9	16.5
145.0	17.2	16.0	17.2	16.0	17.2	15.9	17.2	16.1	17.6
150.0	18.2	17.2	18.0	17.1	18.2	17.2	18.1	17.4	18.7
155.0	19.4	18.2	19.1	18.1	19.4	18.4	19.3	18.6	19.7
160.0	20.6	19.6	20.1	19.5	20.6	19.6	20.4	19.7	20.8
165.0	21.6	20.8	21.2	20.9	21.7	20.9	21.5	21.0	21.7
170.0	22.5	21.7	22.2	22.1	22.7	21.7	22.4	21.9	22.6
175.0	23.1	22.4	23.0	23.0	23.2	22.5	23.1	22.6	23.1
180.0	23.2	22.9	23.4	23.4	23.4	22.9	23.4	23.0	23.5

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: 82Ra. 0,3% Flickering. Temp 31.8C