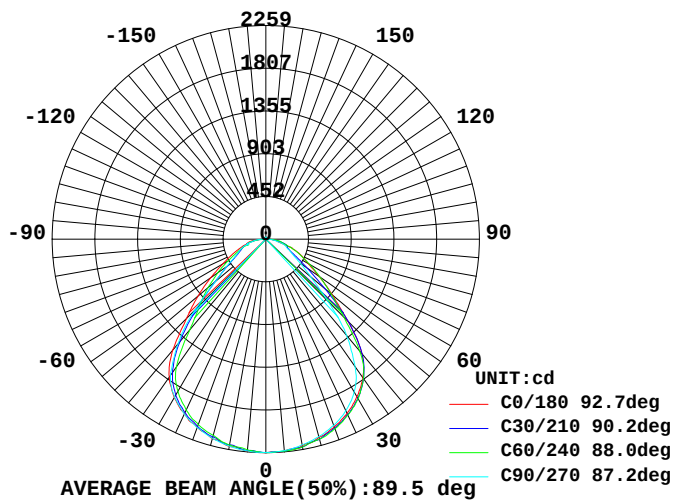


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	SERIAL No.:

MODEL:		Imax(cd):	2259	Effective Flux(lm):	4967.2
NOMINAL POWER(W):	36	MAXIMUM(C, γ):	0, 0.0	EEI	0.100
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4967.2	η street_up(%):	0.7	Current(A)	0.174
TEST FLUX(lm):	4967.2	η street_down(%):	48.6	Power(W)	36.58
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.954
TOTAL RADIANT(mw):	4967.2	η house_down(%)	49.9	EEFICIENCY(lm/W)	135.8



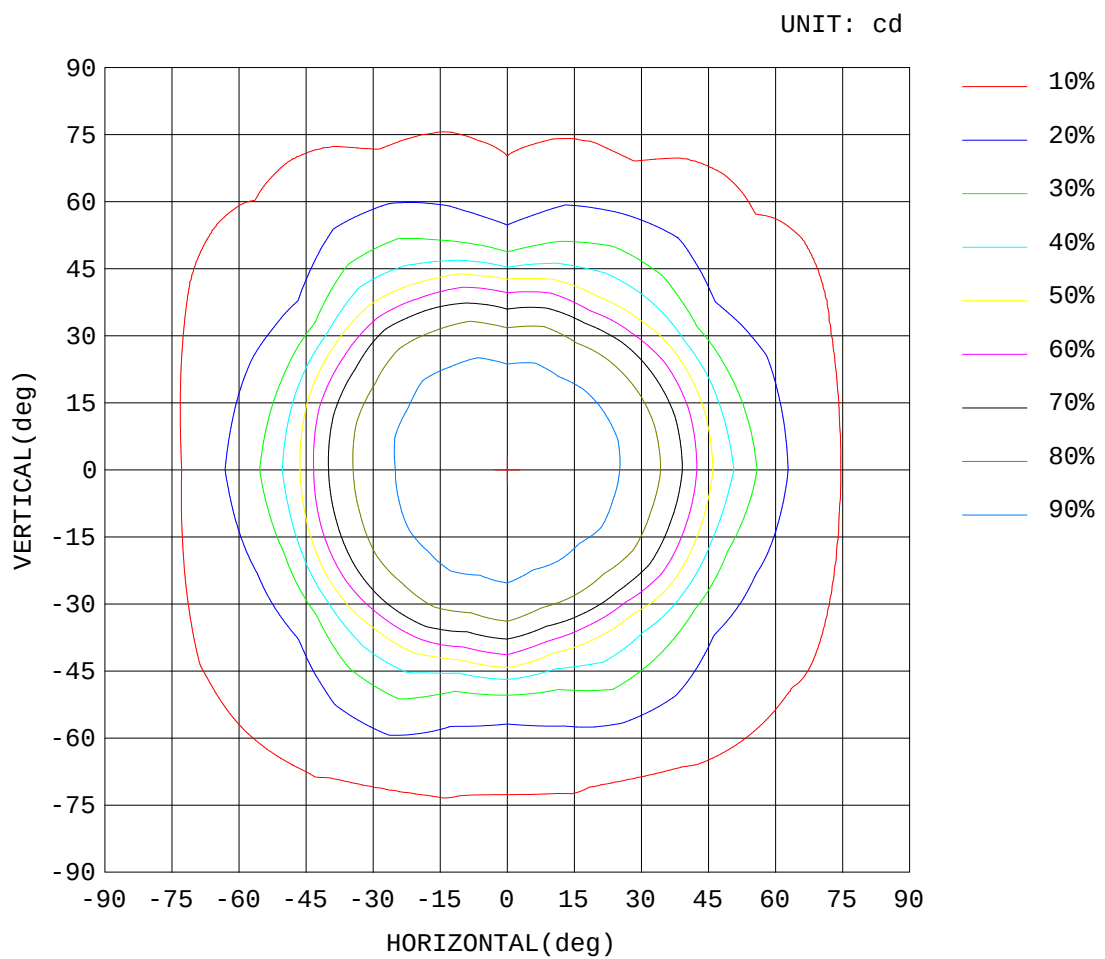
Temperature:25.3'C
 Operators:
 Test Date:15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 82Ra. Flickering 0.5% Temp. 34.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	SERIAL No.:



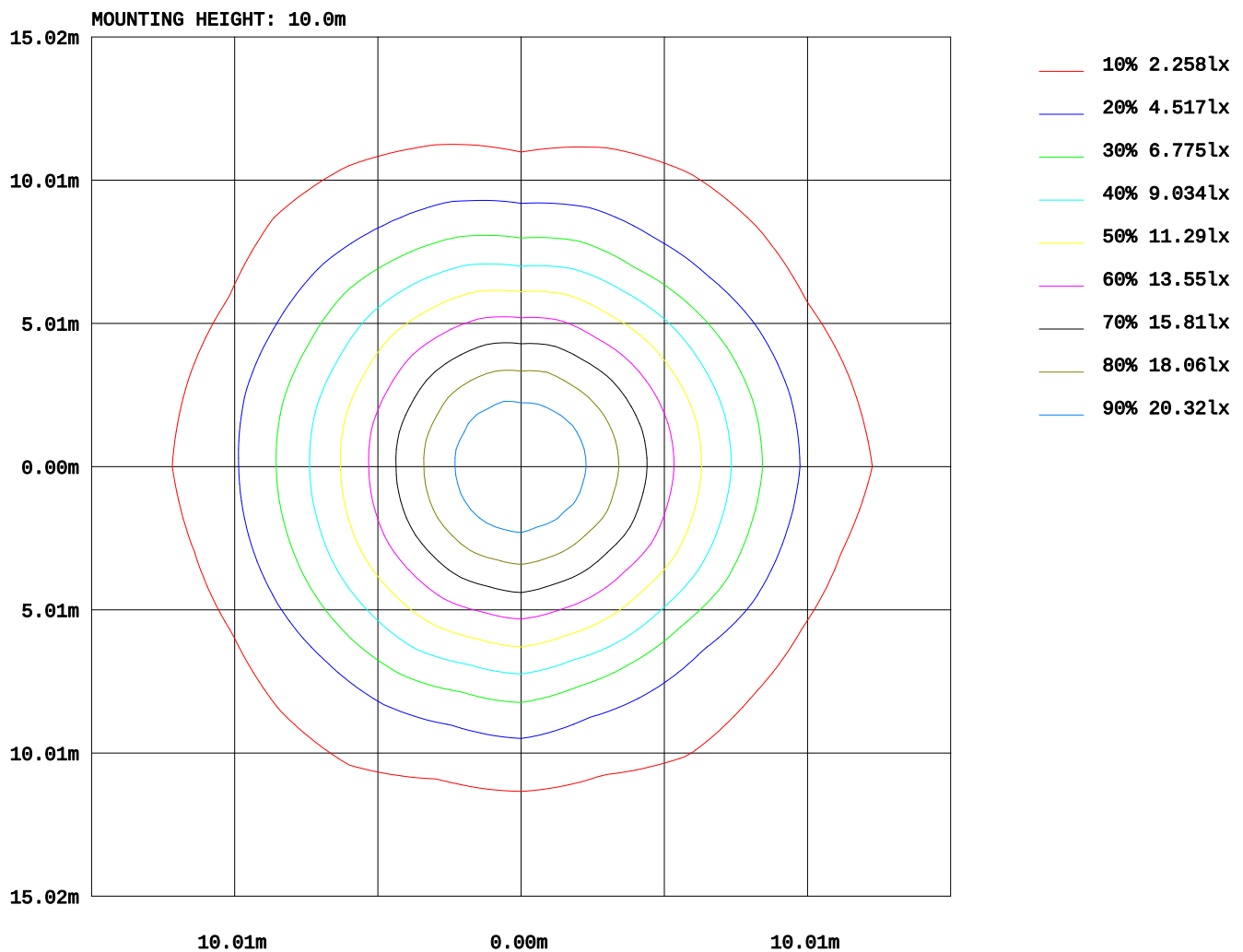
Temperature:25.3'C
Operators:
Test Date:15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.5% Temp. 34.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	SERIAL No.:



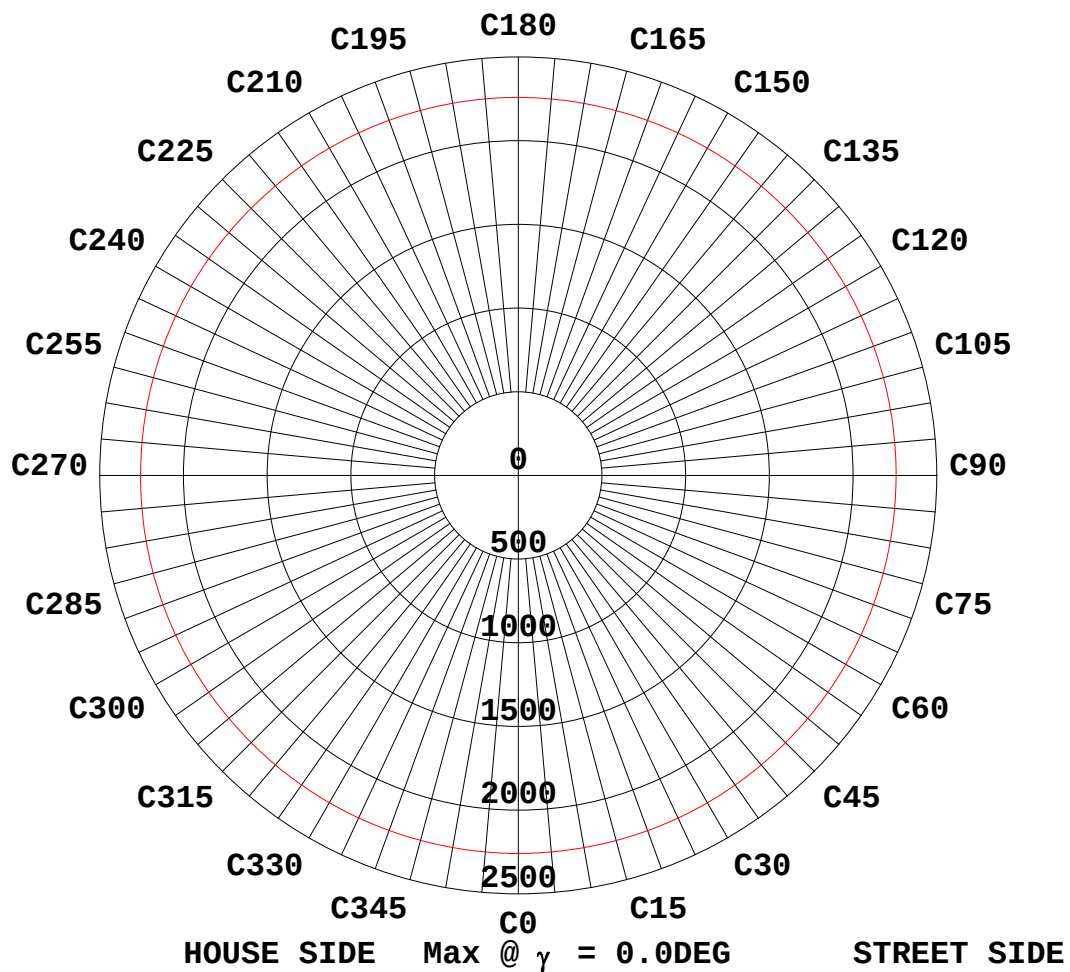
Temperature: 25.3°C
 Operators:
 Test Date: 15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.5% Temp. 34.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra. Flickering 0.5% Temp. 34.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	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	2259	2258	2258	2257	2258	2257	2257	2258	2258	2257	2258	2257	2259	2258	2258
5.0	2249	2244	2242	2232	2236	2240	2248	2238	2249	2249	2253	2248	2249	2252	2251
10.0	2226	2216	2209	2192	2210	2206	2223	2217	2225	2217	2229	2217	2218	2228	2228
15.0	2183	2170	2164	2151	2147	2147	2180	2171	2183	2173	2183	2172	2170	2183	2191
20.0	2117	2105	2109	2076	2088	2093	2120	2108	2125	2118	2117	2114	2114	2126	2125
25.0	2035	2024	2024	1985	1993	1988	2039	2018	2048	2036	2044	2035	2033	2049	2046
30.0	1935	1907	1906	1854	1858	1862	1929	1898	1939	1924	1937	1927	1924	1951	1946
35.0	1780	1741	1720	1642	1650	1644	1759	1717	1788	1779	1787	1779	1791	1811	1800
40.0	1532	1458	1410	1265	1253	1285	1441	1402	1506	1540	1557	1556	1580	1604	1583
45.0	1188	1101	1032	948	983	938	1063	1014	1136	1129	1176	1206	1223	1269	1238
50.0	935	766	701	734	799	681	697	698	880	869	773	816	921	880	817
55.0	716	553	496	572	620	523	504	530	684	651	530	566	692	608	534
60.0	529	428	370	447	461	417	383	418	530	489	373	430	516	463	372
65.0	401	343	301	335	344	330	315	339	404	375	287	349	418	376	277
70.0	301	286	259	276	259	277	264	284	291	288	261	300	309	326	242
75.0	190	217	212	190	203	199	212	209	205	220	196	221	175	256	218
80.0	179	139	147	123	155	124	146	133	177	161	153	131	125	168	141
85.0	108	64.0	81.0	39.8	63.0	46.5	98.1	59.1	107	79.0	89.0	67.4	77.7	99.5	78.3
90.0	15.2	3.60	12.2	3.60	11.5	3.30	19.7	3.20	22.5	4.90	14.9	3.50	4.00	22.0	7.70
95.0	11.5	4.30	10.7	4.20	10.5	3.80	10.3	3.70	10.8	3.80	10.7	4.30	4.80	11.4	4.10
100.0	11.0	5.20	10.4	5.00	10.0	4.50	9.70	4.30	10.2	4.60	10.4	5.20	5.70	11.0	5.00
105.0	11.0	6.50	10.5	6.00	10.4	5.50	9.50	5.20	10.1	5.40	10.5	6.20	6.70	11.1	5.90
110.0	11.4	7.70	11.0	7.20	10.5	6.40	9.80	6.20	10.2	6.60	10.8	7.20	7.70	11.4	7.00
115.0	11.9	8.50	12.1	8.60	11.4	7.70	10.4	7.40	11.0	8.00	12.4	8.40	8.90	12.0	8.60
120.0	12.7	9.70	12.6	10.0	12.5	9.09	11.3	8.80	11.8	9.20	12.3	9.50	10.2	12.8	9.60
125.0	13.6	10.9	13.4	12.0	13.3	10.5	12.4	10.2	12.9	10.5	13.0	10.7	11.4	13.7	10.8
130.0	14.4	12.1	14.4	12.7	14.2	11.8	13.4	11.4	14.3	11.7	13.7	11.9	12.7	14.5	12.0
135.0	15.4	13.2	15.4	13.2	15.0	13.0	14.4	12.6	14.5	12.8	14.8	13.0	13.9	15.4	13.2
140.0	16.4	14.4	16.1	14.2	15.8	14.2	15.2	13.7	15.4	13.7	15.7	14.1	15.0	16.3	14.4
145.0	17.2	15.8	16.9	15.2	16.5	15.8	16.1	14.5	16.1	15.0	16.5	15.2	16.2	17.2	15.6
150.0	18.2	16.9	17.6	16.5	17.5	16.5	17.0	15.6	17.0	16.1	17.5	16.5	17.2	18.2	16.5
155.0	19.2	18.0	18.6	17.6	18.7	18.0	17.9	16.7	17.9	17.0	18.6	17.7	18.4	19.3	17.7
160.0	20.0	18.9	19.6	18.6	19.6	18.9	18.9	17.9	18.7	18.0	19.5	18.7	19.6	20.1	18.7
165.0	20.8	19.6	20.4	19.6	20.5	19.7	19.6	18.7	19.6	19.0	20.2	19.6	20.4	20.8	19.5
170.0	21.2	20.1	20.9	20.2	21.1	20.7	20.9	19.7	20.5	19.6	20.7	20.2	21.1	21.1	20.1
175.0	21.6	20.5	21.1	20.5	21.4	20.9	21.6	20.4	20.9	20.2	21.1	20.4	21.5	21.4	20.4
180.0	21.7	20.9	20.6	21.1	20.6	21.0	22.0	20.9	21.1	20.5	21.1	20.6	21.9	21.2	20.6

Temperature:25.3'C
Operators:
Test Date:15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.5% Temp. 34.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Standart 40W 1200x180x20 5000K 82Ra Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4826	DIMENSION: 1200x180x20	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2257	2258	2257	2257	2258	2258	2257	2258	2257
5.0	2252	2251	2247	2245	2249	2238	2242	2244	2248
10.0	2228	2232	2228	2209	2218	2218	2211	2213	2225
15.0	2193	2190	2193	2161	2170	2157	2175	2167	2183
20.0	2145	2134	2130	2095	2118	2098	2109	2114	2124
25.0	2072	2052	2049	2001	2027	1999	2024	2033	2044
30.0	1968	1951	1937	1867	1907	1870	1903	1914	1935
35.0	1833	1797	1770	1644	1710	1686	1723	1747	1779
40.0	1624	1542	1475	1329	1394	1320	1392	1477	1523
45.0	1242	1171	1117	926	1037	1029	1043	1106	1167
50.0	939	898	779	620	760	832	813	743	847
55.0	702	699	571	446	584	639	620	516	619
60.0	521	537	450	336	454	479	478	370	481
65.0	398	407	365	275	358	355	362	289	385
70.0	315	306	312	227	292	251	299	241	308
75.0	260	211	254	175	188	185	188	200	243
80.0	198	163	176	111	164	139	165	134	173
85.0	127	97.1	99.8	44.7	86.0	52.9	81.5	71.5	98.0
90.0	37.5	13.6	22.7	3.30	13.5	3.40	12.5	3.50	15.2
95.0	11.3	3.70	10.7	3.80	10.5	4.00	10.8	4.20	11.4
100.0	10.5	4.50	10.1	4.50	10.0	4.80	10.4	5.10	11.0
105.0	10.4	5.20	10.4	5.40	10.1	5.70	10.4	6.10	11.4
110.0	10.5	6.20	10.2	6.50	10.2	6.90	10.9	7.40	11.5
115.0	11.4	7.70	10.8	7.80	11.0	8.29	11.9	9.20	12.2
120.0	12.3	9.00	11.7	9.30	11.8	9.70	12.7	10.0	13.0
125.0	13.4	10.3	12.7	10.7	12.9	11.1	14.5	11.2	13.7
130.0	15.2	11.5	13.7	12.1	13.9	12.9	14.5	12.6	14.7
135.0	15.0	12.7	14.8	13.2	15.0	13.3	15.2	13.9	15.5
140.0	15.9	13.9	15.6	14.3	15.8	14.4	16.1	14.7	16.4
145.0	16.7	14.9	16.4	15.5	17.1	15.4	17.0	15.7	17.2
150.0	17.6	16.1	17.2	16.6	18.4	16.7	18.0	16.5	18.0
155.0	18.5	17.1	18.1	17.8	19.2	17.9	18.7	17.6	19.0
160.0	19.3	18.0	19.2	18.7	20.1	18.7	19.6	18.5	19.7
165.0	20.0	19.0	19.9	19.6	20.7	19.6	20.2	19.4	20.4
170.0	20.7	19.6	20.6	20.7	21.2	20.2	20.9	20.0	20.9
175.0	21.0	20.2	21.1	21.1	21.6	20.5	21.1	20.4	21.1
180.0	21.1	20.6	21.5	22.0	20.9	21.1	20.5	21.1	20.6

Temperature:25.3'C
Operators:
Test Date:15-04-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra. Flickering 0.5% Temp. 34.3C