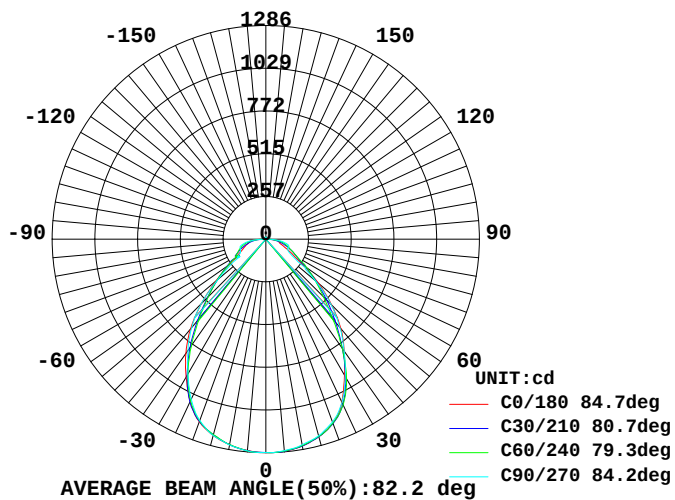


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	SERIAL No.:

MODEL:		Imax(cd):	1288	Effective Flux(lm):	2516.9
NOMINAL POWER(W):	20	MAXIMUM(C, γ):	150, 3.0	EEI	0.112
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	2516.9	η street_up(%):	0.9	Current(A)	0.103
TEST FLUX(lm):	2516.9	η street_down(%):	48.6	Power(W)	20.65
LAMPS QUANTITY:	1	η house_up(%)	0.9	Power Factor	0.906
TOTAL RADIANT(mw):	2516.9	η house_down(%)	49.6	EEFICIENCY(lm/W)	121.9



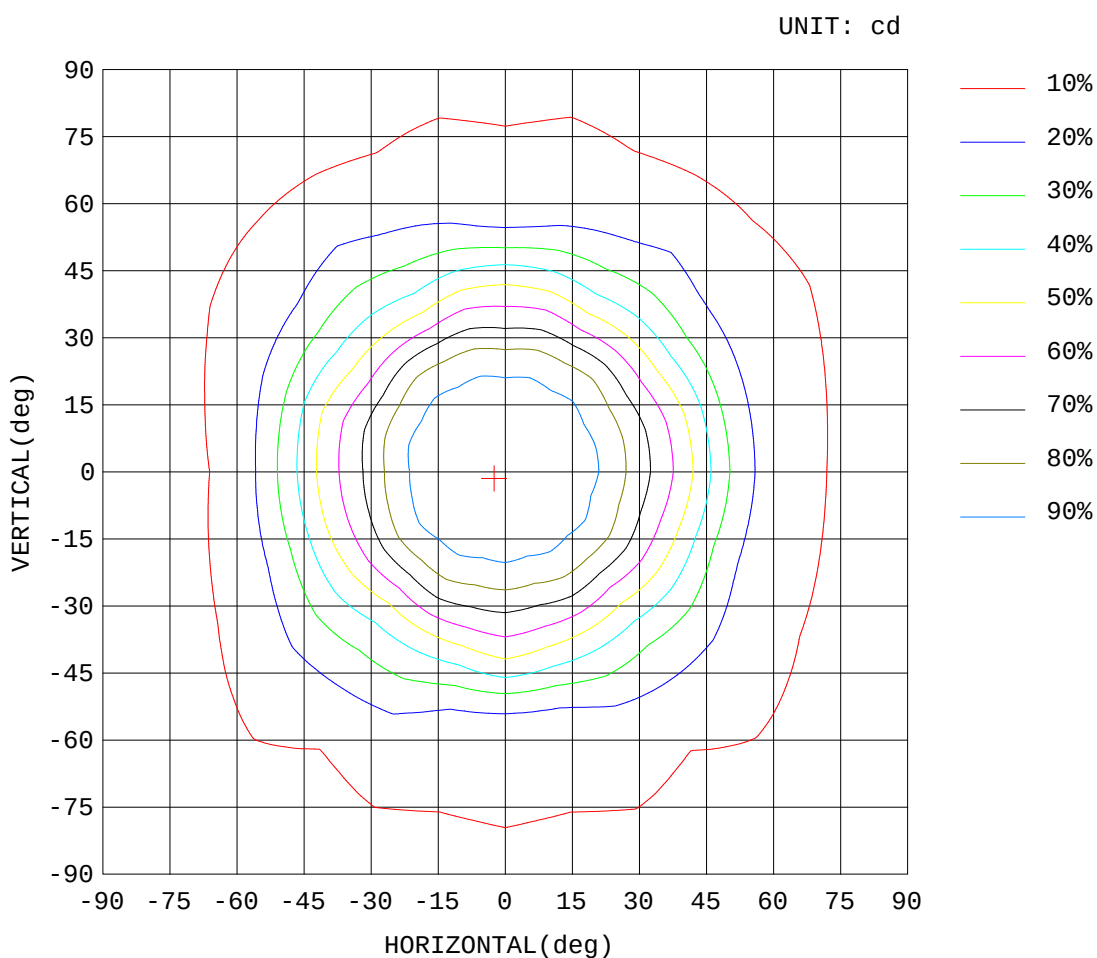
Temperature: 25.3°C
 Operators:
 Test Date: 06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra. 0,2% Flickering. Temp 38.5C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	SERIAL No.:



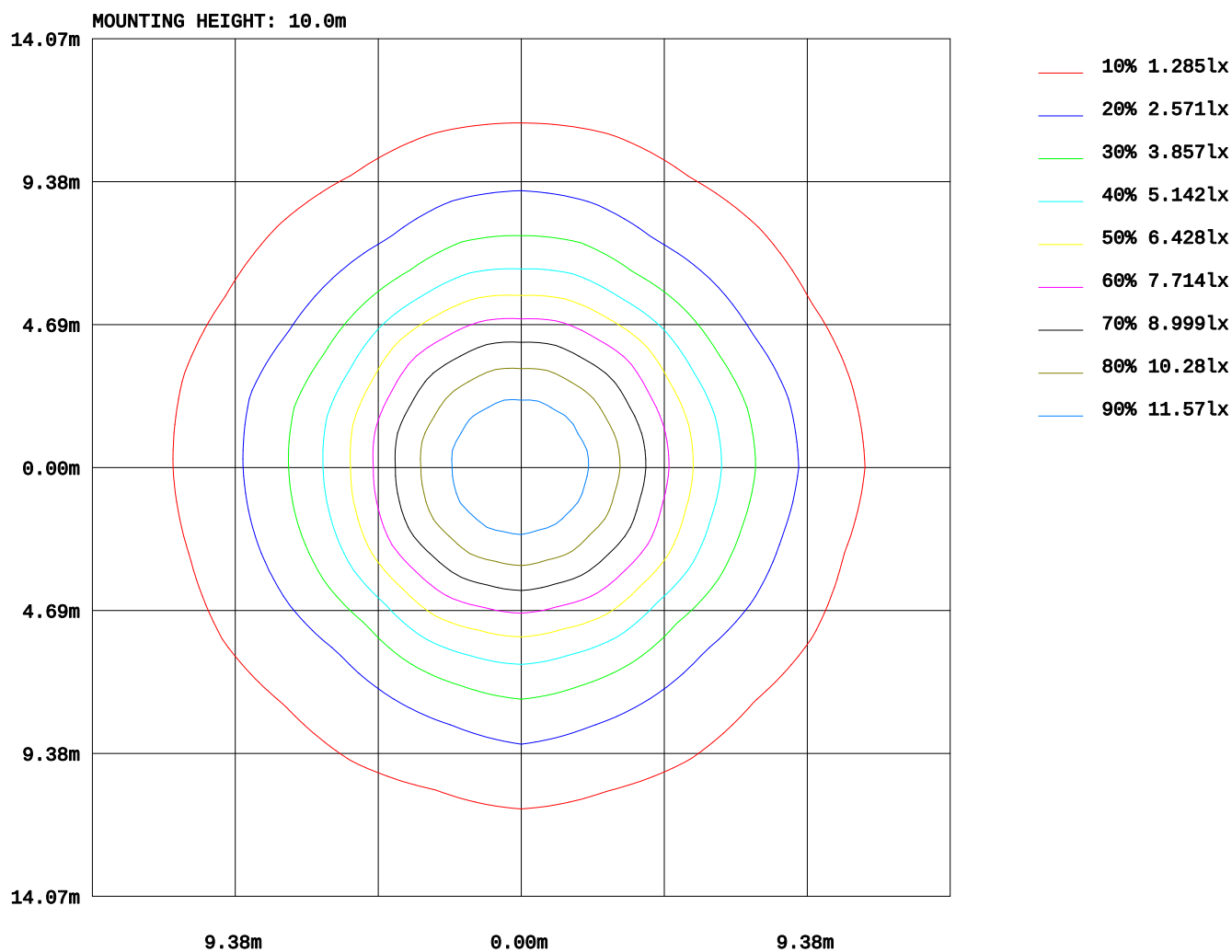
Temperature:25.3'C
Operators:
Test Date:06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra. 0,2% Flickering. Temp 38.5C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	SERIAL No.:



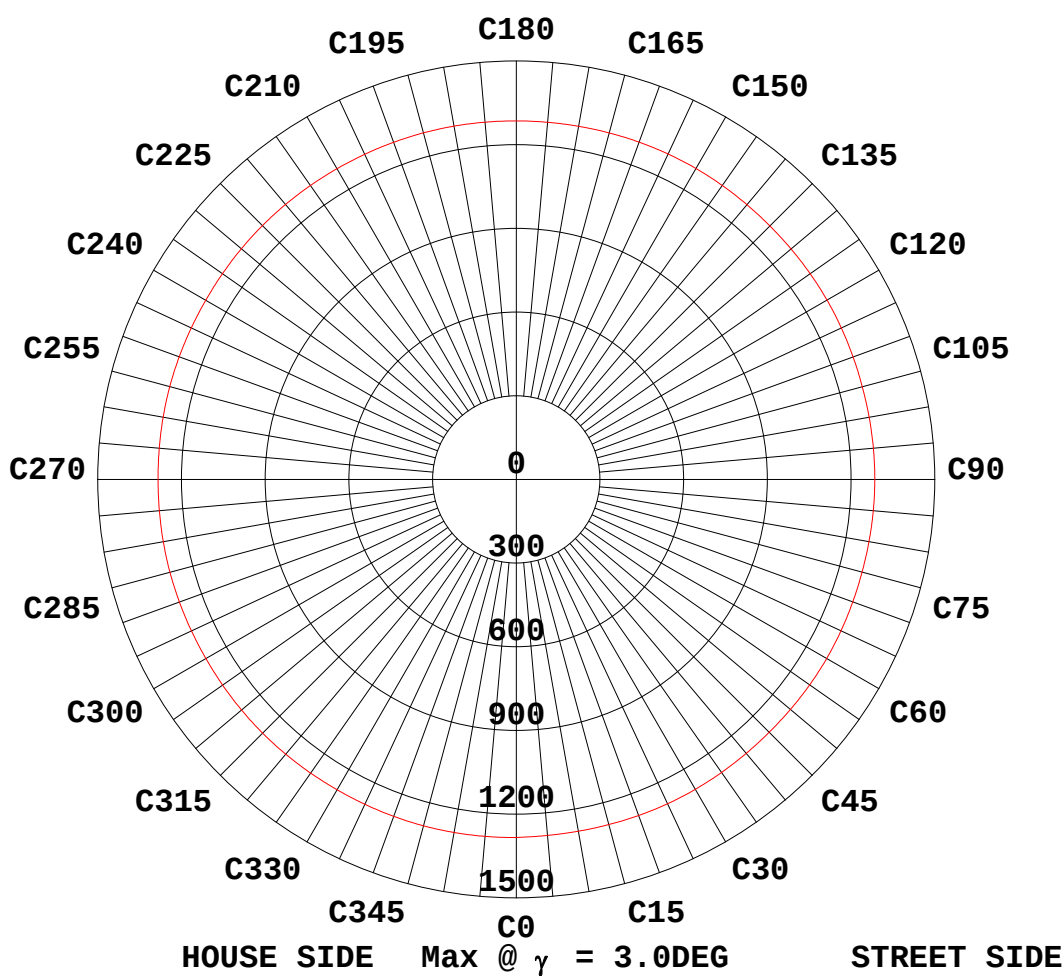
Temperature: 25.3°C
Operators:
Test Date: 06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 83Ra. 0,2% Flickering. Temp 38.5C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 83Ra. 0,2% Flickering. Temp 38.5C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	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	1286	1285	1285	1285	1285	1284	1285	1285	1286	1286	1286	1287	1286	1285	1285
5.0	1278	1274	1279	1277	1281	1277	1281	1280	1285	1283	1286	1284	1282	1285	1283
10.0	1257	1253	1257	1249	1256	1252	1258	1256	1264	1259	1269	1266	1265	1271	1266
15.0	1225	1216	1220	1212	1219	1214	1225	1221	1231	1228	1237	1233	1231	1241	1232
20.0	1171	1156	1169	1156	1164	1151	1163	1156	1177	1174	1191	1182	1180	1194	1183
25.0	1077	1061	1081	1066	1072	1047	1063	1055	1085	1082	1104	1089	1084	1104	1099
30.0	961	941	950	922	940	919	939	931	954	936	960	950	947	973	959
35.0	839	806	795	751	781	787	818	794	791	760	800	813	825	842	804
40.0	705	658	639	595	622	645	694	640	622	598	652	682	703	716	654
45.0	551	501	498	465	491	503	552	492	492	479	525	539	560	576	517
50.0	393	357	380	360	381	353	372	355	393	382	410	395	416	424	397
55.0	273	250	287	281	278	230	239	240	301	301	311	285	291	296	295
60.0	200	190	197	210	212	179	184	184	235	222	239	204	189	201	217
65.0	159	155	183	161	187	164	169	167	197	164	197	156	138	173	178
70.0	136	132	152	127	165	155	164	157	166	125	157	122	104	134	140
75.0	117	110	120	103	142	139	157	139	140	97.5	120	99.0	85.2	111	105
80.0	102	87.9	90.3	76.8	110	103	126	103	107	69.3	87.6	80.0	80.0	92.0	73.4
85.0	76.8	47.2	52.7	32.6	63.3	47.4	74.5	46.5	60.2	28.5	51.7	47.5	55.2	68.0	36.8
90.0	12.3	2.40	9.80	2.20	10.0	2.20	10.1	2.20	9.80	2.20	9.80	2.20	2.70	12.4	2.20
95.0	8.20	2.50	7.70	2.50	7.90	2.40	8.00	2.40	7.90	2.40	7.70	2.40	2.90	7.80	2.40
100.0	7.40	2.80	7.10	2.80	7.30	2.80	7.40	2.70	7.30	2.80	7.10	2.70	3.20	7.20	2.80
105.0	7.10	3.30	6.90	3.20	7.00	3.20	7.10	3.10	6.90	3.20	6.80	3.20	3.70	7.00	3.20
110.0	7.20	3.90	6.90	3.70	6.90	3.70	7.00	3.70	6.80	3.70	6.80	3.70	4.20	7.00	3.70
115.0	7.30	4.40	7.10	4.30	7.10	4.30	7.20	4.30	7.00	4.20	7.00	4.30	4.90	7.10	4.30
120.0	7.60	5.10	7.40	5.10	7.40	5.00	7.50	5.00	7.30	4.90	7.30	5.00	5.60	7.40	5.00
125.0	8.10	5.90	7.90	5.80	7.80	5.80	7.90	5.80	7.80	5.70	7.70	5.70	6.30	7.90	5.70
130.0	8.50	6.70	8.20	6.50	8.29	6.50	8.40	6.50	8.29	6.40	8.20	6.40	7.20	8.40	6.50
135.0	9.09	7.40	8.80	7.20	8.90	7.20	8.90	7.30	8.80	7.10	8.70	7.20	7.90	8.90	7.20
140.0	9.60	8.00	9.30	7.90	9.30	7.90	9.40	7.90	9.30	7.90	9.30	7.90	8.60	9.50	8.00
145.0	10.2	8.80	9.90	8.70	9.90	8.60	9.90	8.60	9.80	8.60	9.80	8.70	9.40	10.0	8.70
150.0	10.7	9.50	10.4	9.40	10.5	9.40	10.4	9.30	10.3	9.30	10.4	9.40	10.1	10.5	9.50
155.0	11.3	10.2	11.0	10.1	11.1	10.2	11.0	10.0	10.9	10.0	11.0	10.2	10.8	11.3	10.2
160.0	11.8	10.9	11.5	10.8	11.5	10.9	11.5	10.7	11.5	10.7	11.5	10.9	11.5	11.8	10.8
165.0	12.4	11.5	12.1	11.4	12.2	11.5	12.2	11.3	12.0	11.3	12.2	11.5	12.3	12.4	11.4
170.0	12.9	12.0	12.5	12.0	12.7	12.1	12.8	11.9	12.5	11.8	12.6	12.1	12.8	12.8	11.9
175.0	13.3	12.3	12.9	12.3	13.0	12.5	13.2	12.3	12.8	12.2	12.9	12.3	13.3	13.0	12.2
180.0	13.3	12.7	12.9	12.5	13.0	12.7	13.3	12.6	13.0	12.5	12.9	12.5	13.6	13.0	12.5

Temperature:25.3'C
Operators:
Test Date:06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra. 0,2% Flickering. Temp 38.5C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LPO Basic 596x180 20W 5000K Microprisma		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5243	DIMENSION: 596x180x20	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1285	1285	1284	1285	1285	1286	1286	1286	1287
5.0	1285	1281	1282	1278	1280	1277	1281	1279	1280
10.0	1268	1263	1266	1258	1263	1256	1260	1254	1262
15.0	1240	1230	1237	1226	1233	1222	1227	1219	1227
20.0	1194	1180	1186	1173	1182	1170	1181	1165	1173
25.0	1119	1102	1106	1086	1099	1089	1102	1077	1081
30.0	990	972	984	957	976	959	976	949	965
35.0	810	803	841	824	835	792	807	803	839
40.0	640	630	692	694	685	625	640	645	697
45.0	512	490	545	555	539	485	498	487	537
50.0	407	389	407	390	403	378	385	362	380
55.0	322	302	286	236	277	287	302	282	268
60.0	254	223	206	165	202	208	241	198	204
65.0	198	177	172	145	168	171	190	164	165
70.0	150	147	163	144	159	147	147	138	144
75.0	116	123	154	141	153	124	117	106	124
80.0	87.9	93.5	125	111	127	94.3	91.5	75.5	102
85.0	51.3	47.9	80.4	62.3	80.0	48.1	54.7	36.5	68.6
90.0	12.0	2.40	15.7	2.40	14.8	2.30	11.4	2.20	12.3
95.0	7.70	2.50	8.20	2.40	8.20	2.40	7.70	2.40	7.90
100.0	7.10	2.70	7.40	2.80	7.40	2.80	7.20	2.80	7.20
105.0	6.80	3.10	7.00	3.20	7.00	3.20	6.90	3.20	7.00
110.0	6.80	3.60	6.90	3.70	7.00	3.60	6.80	3.70	6.90
115.0	6.90	4.20	7.00	4.30	7.00	4.20	7.00	4.30	7.10
120.0	7.30	4.90	7.30	5.00	7.40	4.90	7.30	5.00	7.50
125.0	7.70	5.70	7.80	5.70	7.80	5.60	7.70	5.70	7.90
130.0	8.20	6.40	8.29	6.50	8.29	6.40	8.20	6.50	8.40
135.0	8.70	7.20	8.80	7.30	8.80	7.20	8.70	7.30	9.00
140.0	9.30	7.90	9.30	7.90	9.30	7.90	9.30	8.00	9.50
145.0	9.90	8.50	9.80	8.60	9.80	8.60	9.90	8.70	10.0
150.0	10.4	9.20	10.4	9.30	10.4	9.40	10.4	9.40	10.5
155.0	11.0	9.90	10.9	10.0	11.0	10.0	11.0	10.1	11.2
160.0	11.5	10.5	11.5	10.8	11.7	10.8	11.5	10.8	11.7
165.0	12.0	11.2	12.0	11.5	12.2	11.4	12.1	11.3	12.1
170.0	12.5	11.8	12.5	12.1	12.7	12.0	12.5	11.9	12.6
175.0	12.8	12.2	12.9	12.6	13.0	12.3	12.8	12.2	12.8
180.0	12.9	12.6	13.0	12.9	13.0	12.6	12.9	12.5	13.0

Temperature:25.3'C
Operators:
Test Date:06-05-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra. 0,2% Flickering. Temp 38.5C