

Test Report of Luminaire

Report No.:

Luminaire Type	8122H-30-30		
Lamp Type	LED(CXA2520)		
Client	MAXLITE	EUT NO.	
Luminaire Parameters:			
Voltage	120.3	Current	0.273
Power:	32.3	Power Factor	0.985
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	2238.72 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1433.641cd	Central Intensity	1284.842cd
Angle of Max Intensity:	C:25 G:25		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-223871.7%		
50%Imax Beam Width	C0_180[39.9 , -38.2] C90_270[38.4 , -39.2]		
Remark			

Luminaire Figure



RP Lighting + Fans

Photometric Data Table [Unit:cd] 8122H-30-30

C\G	0	5	10	15	20	25	30	35	40	45
0	1284.8	1280.8	1286.1	1308.8	1367.9	1429.3	1426.6	1140.2	710.0	439.3
5	1284.8	1281.4	1286.4	1309.8	1368.9	1430.6	1428.0	1139.2	710.6	439.3
10	1284.8	1281.8	1287.4	1311.5	1370.2	1432.0	1428.3	1135.9	711.0	439.6
15	1284.8	1282.1	1288.4	1311.5	1371.2	1433.3	1428.0	1131.6	709.3	438.9
20	1284.8	1281.8	1288.8	1312.1	1372.2	1433.3	1427.3	1126.9	708.0	437.9
25	1284.8	1282.4	1289.4	1313.8	1373.6	1433.6	1425.0	1119.9	705.0	436.3
30	1284.8	1283.1	1290.1	1315.1	1374.6	1432.3	1421.0	1112.5	701.3	433.6
35	1284.8	1283.8	1290.4	1314.8	1374.2	1430.6	1416.6	1104.2	696.6	430.9
40	1284.8	1282.8	1290.8	1314.8	1374.6	1429.6	1411.3	1094.2	690.6	426.9
45	1284.8	1283.8	1291.1	1314.5	1373.6	1428.0	1405.6	1083.2	683.6	422.9
50	1284.8	1282.8	1290.8	1315.8	1373.9	1425.3	1399.3	1071.8	675.9	417.9
55	1284.8	1283.4	1292.4	1315.1	1373.2	1423.3	1392.6	1059.8	667.3	412.6
60	1284.8	1282.1	1291.4	1315.8	1372.6	1420.3	1385.9	1046.1	658.2	406.9
65	1284.8	1282.8	1292.1	1316.1	1370.6	1417.3	1378.6	1032.8	648.2	401.9
70	1284.8	1282.4	1292.1	1315.8	1370.2	1414.3	1369.9	1018.7	638.2	396.5
75	1284.8	1282.4	1291.4	1316.1	1369.9	1411.6	1362.5	1005.4	628.2	391.2
80	1284.8	1282.4	1292.4	1316.8	1370.9	1410.3	1355.5	992.7	618.9	386.5
85	1284.8	1283.1	1291.8	1317.1	1371.9	1409.6	1348.5	980.0	610.2	382.5
90	1284.8	1281.8	1290.8	1317.8	1372.6	1408.3	1341.8	969.0	602.5	378.9
95	1284.8	1283.1	1290.8	1318.5	1372.9	1407.6	1337.2	958.7	596.2	375.2
100	1284.8	1281.4	1290.1	1318.5	1373.9	1406.6	1332.5	950.6	590.8	372.5
105	1284.8	1281.8	1289.4	1318.8	1374.2	1405.3	1328.5	943.0	586.1	370.5
110	1284.8	1281.4	1289.1	1318.5	1374.6	1404.6	1325.2	936.6	582.8	368.5
115	1284.8	1281.4	1288.8	1318.5	1373.9	1404.3	1322.5	931.6	579.1	366.2
120	1284.8	1280.8	1287.8	1318.5	1374.2	1403.6	1321.5	927.9	577.1	364.8
125	1284.8	1279.8	1287.1	1318.1	1374.6	1404.6	1321.5	926.6	576.5	363.8
130	1284.8	1280.1	1286.1	1317.1	1373.6	1404.3	1322.2	926.9	577.1	363.5
135	1284.8	1278.8	1285.8	1317.1	1372.9	1404.9	1323.5	928.3	578.8	364.2
140	1284.8	1278.8	1284.8	1315.1	1371.6	1404.3	1323.2	928.9	580.5	365.2
145	1284.8	1277.4	1283.8	1314.8	1370.2	1403.6	1322.2	927.6	582.5	366.5
150	1284.8	1276.8	1282.4	1313.1	1368.9	1400.6	1319.5	926.9	584.8	368.8
155	1284.8	1275.8	1281.8	1311.8	1366.5	1397.3	1315.8	924.9	586.8	370.2
160	1284.8	1276.4	1280.8	1309.8	1365.2	1393.9	1312.1	923.3	588.8	371.8
165	1284.8	1275.1	1279.4	1308.1	1361.5	1390.6	1308.1	922.3	590.5	373.8
170	1284.8	1274.1	1278.1	1306.5	1361.2	1387.2	1306.1	922.3	593.5	375.9
175	1284.8	1273.8	1276.8	1304.5	1358.2	1385.9	1304.5	922.9	596.5	378.5
180	1284.8	1272.8	1275.8	1302.5	1356.2	1384.9	1304.1	924.9	599.5	380.9
185	1284.8	1272.4	1274.8	1301.1	1353.9	1381.9	1302.1	927.6	602.8	383.2
190	1284.8	1271.8	1273.4	1299.8	1351.9	1379.6	1301.8	930.3	606.2	385.5
195	1284.8	1271.4	1272.8	1298.1	1349.2	1378.2	1301.8	933.3	609.5	388.9
200	1284.8	1270.4	1270.1	1296.1	1346.5	1375.2	1300.5	936.6	613.2	391.9
205	1284.8	1269.7	1269.7	1293.8	1343.5	1372.9	1300.1	940.3	616.8	395.2
210	1284.8	1269.4	1268.1	1292.1	1340.8	1370.6	1300.5	945.6	620.5	398.2
215	1284.8	1268.4	1267.4	1290.1	1338.5	1368.2	1301.1	950.3	624.2	401.2
220	1284.8	1267.1	1266.4	1288.8	1336.2	1366.5	1302.5	956.0	627.9	404.9
225	1284.8	1267.7	1265.7	1287.4	1333.5	1365.9	1304.8	962.7	632.2	407.9
230	1284.8	1267.1	1263.7	1286.4	1331.5	1364.2	1306.8	969.7	635.9	410.6
235	1284.8	1266.4	1264.7	1285.4	1331.2	1363.5	1308.8	977.7	639.5	413.9

RP Lighting + Fans

Photometric Data Table [Unit:cd] 8122H-30-30

240	1284.8	1267.1	1262.7	1283.8	1328.8	1363.5	1312.1	985.0	643.2	416.6
245	1284.8	1266.1	1263.7	1283.4	1327.8	1362.9	1315.1	993.0	646.6	418.6
250	1284.8	1266.1	1263.4	1282.4	1326.8	1363.5	1318.5	1000.7	649.6	420.6
255	1284.8	1266.1	1263.1	1281.4	1325.8	1363.9	1321.5	1008.7	652.2	422.2
260	1284.8	1266.4	1263.1	1281.1	1326.5	1365.5	1325.2	1017.1	654.6	423.9
265	1284.8	1266.7	1262.7	1281.4	1326.2	1366.5	1328.8	1024.4	656.6	425.6
270	1284.8	1266.1	1263.1	1280.8	1326.5	1367.9	1332.5	1031.8	658.2	426.6
275	1284.8	1266.7	1263.4	1280.8	1326.2	1371.2	1336.5	1039.1	660.2	427.9
280	1284.8	1267.4	1263.7	1281.8	1328.5	1373.6	1342.2	1046.8	662.6	428.9
285	1284.8	1267.1	1264.1	1282.8	1330.2	1377.2	1347.9	1055.8	664.9	429.9
290	1284.8	1267.7	1265.1	1283.8	1332.2	1381.2	1354.5	1064.1	668.3	430.9
295	1284.8	1267.7	1266.4	1286.4	1335.5	1386.2	1362.2	1072.8	670.6	431.3
300	1284.8	1268.4	1266.4	1287.1	1337.5	1390.9	1368.9	1080.5	672.6	431.3
305	1284.8	1268.7	1267.4	1288.1	1339.8	1393.9	1375.6	1087.8	674.6	430.9
310	1284.8	1270.7	1268.7	1290.1	1342.2	1398.9	1382.9	1095.2	676.3	430.3
315	1284.8	1270.4	1270.1	1291.4	1346.2	1403.6	1388.9	1100.8	678.6	430.3
320	1284.8	1270.1	1272.4	1293.4	1348.5	1407.3	1394.6	1106.5	681.6	430.3
325	1284.8	1270.4	1273.4	1295.8	1352.2	1410.6	1400.9	1113.2	684.6	430.9
330	1284.8	1272.8	1275.1	1297.5	1354.2	1414.3	1405.3	1118.9	688.9	431.9
335	1284.8	1272.4	1276.1	1298.8	1356.2	1417.3	1410.6	1124.5	693.6	433.9
340	1284.8	1272.4	1278.1	1299.8	1358.2	1420.0	1415.6	1129.6	698.0	435.9
345	1284.8	1273.8	1279.1	1301.1	1361.2	1423.0	1418.6	1133.2	701.6	436.9
350	1284.8	1274.4	1279.8	1302.5	1362.2	1425.3	1422.0	1136.2	704.3	438.3
355	1284.8	1275.4	1281.8	1303.5	1363.5	1427.0	1423.6	1138.2	707.3	438.6
360	1284.8	1280.8	1286.1	1308.8	1367.9	1429.3	1426.6	1140.2	710.0	439.3

C\G	50	55	60	65	70	75	80	85	90
0	244.0	112.2	53.0	29.3	18.4	11.7	6.9	3.0	0.7
5	243.7	112.3	52.8	29.2	18.3	11.6	6.8	3.0	0.7
10	243.3	112.3	52.7	29.1	18.2	11.5	6.8	3.0	0.7
15	243.0	112.2	52.6	29.0	18.1	11.5	6.7	2.9	0.6
20	241.7	111.9	52.5	28.8	18.0	11.4	6.7	2.9	0.7
25	240.7	111.5	52.3	28.8	18.0	11.4	6.6	2.9	0.7
30	238.3	110.9	52.1	28.7	17.9	11.3	6.6	2.8	0.7
35	236.3	110.2	51.9	28.6	17.8	11.3	6.5	2.8	0.7
40	233.7	109.2	51.6	28.5	17.8	11.2	6.5	2.7	0.6
45	231.0	108.1	51.3	28.4	17.7	11.2	6.4	2.7	0.7
50	228.0	106.8	51.1	28.4	17.7	11.1	6.4	2.6	0.7
55	225.0	105.5	50.9	28.4	17.7	11.1	6.3	2.6	0.7
60	221.6	104.2	50.7	28.4	17.7	11.1	6.3	2.6	0.7
65	218.3	102.9	50.6	28.6	17.8	11.1	6.3	2.5	0.7
70	215.6	101.8	50.6	28.8	17.9	11.2	6.3	2.5	0.6
75	212.3	100.8	50.8	29.0	18.1	11.2	6.3	2.5	0.6
80	210.0	100.1	51.1	29.4	18.3	11.3	6.3	2.5	0.7
85	207.6	99.7	51.5	29.8	18.6	11.5	6.4	2.5	0.7
90	205.3	99.4	52.0	30.3	18.8	11.6	6.4	2.5	0.6
95	203.6	99.2	52.6	30.8	19.1	11.8	6.5	2.5	0.7
100	202.3	99.1	53.2	31.3	19.4	11.9	6.6	2.5	0.6

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8122H-30-30

105	200.9	99.0	53.5	31.6	19.7	12.0	6.6	2.5	0.7
110	199.6	98.9	53.8	31.8	19.8	12.1	6.6	2.4	0.7
115	198.6	98.6	53.8	31.9	19.9	12.2	6.7	2.4	0.7
120	197.9	98.3	53.6	31.8	19.8	12.1	6.6	2.5	0.6
125	196.9	97.9	53.3	31.6	19.6	12.0	6.6	2.4	0.6
130	196.9	97.6	52.9	31.3	19.4	11.8	6.5	2.4	0.6
135	196.9	97.5	52.5	30.9	19.1	11.7	6.4	2.3	0.7
140	197.6	97.7	52.2	30.5	18.9	11.5	6.4	2.3	0.6
145	198.3	97.9	51.9	30.2	18.6	11.3	6.3	2.3	0.7
150	199.3	98.2	51.7	29.9	18.4	11.2	6.2	2.3	0.7
155	200.3	98.6	51.7	29.6	18.2	11.1	6.1	2.3	0.6
160	201.3	99.2	51.6	29.4	18.0	11.0	6.1	2.3	0.7
165	202.6	99.8	51.6	29.3	17.9	10.9	6.1	2.3	0.7
170	203.6	100.4	51.7	29.2	17.8	10.8	6.1	2.3	0.7
175	205.3	101.1	51.8	29.2	17.7	10.8	6.0	2.3	0.7
180	207.0	101.9	52.0	29.2	17.7	10.8	6.1	2.3	0.6
185	209.0	102.7	52.2	29.2	17.7	10.8	6.0	2.3	0.7
190	210.6	103.6	52.5	29.2	17.7	10.8	6.1	2.3	0.7
195	213.0	104.6	52.8	29.3	17.7	10.8	6.1	2.3	0.7
200	214.6	105.7	53.2	29.5	17.7	10.8	6.1	2.4	0.6
205	217.0	106.7	53.6	29.6	17.8	10.9	6.2	2.4	0.6
210	219.3	107.8	54.1	29.8	17.9	10.9	6.2	2.5	0.6
215	222.0	108.9	54.6	30.0	18.0	11.0	6.3	2.5	0.7
220	223.3	109.9	55.1	30.2	18.2	11.1	6.3	2.6	0.7
225	225.6	110.9	55.6	30.5	18.3	11.2	6.4	2.6	0.6
230	228.0	111.9	56.2	30.8	18.5	11.3	6.4	2.6	0.7
235	230.0	112.9	56.7	31.1	18.7	11.4	6.5	2.7	0.7
240	232.3	113.8	57.3	31.5	18.9	11.6	6.6	2.8	0.7
245	234.0	114.8	57.9	31.8	19.2	11.7	6.7	2.8	0.7
250	236.0	115.6	58.5	32.3	19.5	11.9	6.8	2.9	0.7
255	237.3	116.4	59.0	32.7	19.8	12.1	6.9	2.9	0.6
260	239.3	116.9	59.6	33.2	20.1	12.3	7.0	3.0	0.7
265	240.7	117.6	60.2	33.7	20.4	12.5	7.2	3.1	0.7
270	241.7	117.9	60.7	34.1	20.8	12.7	7.3	3.1	0.6
275	243.0	118.0	61.1	34.5	21.1	13.0	7.4	3.2	0.7
280	243.7	118.2	61.4	34.8	21.4	13.2	7.6	3.3	0.7
285	245.0	118.0	61.4	35.0	21.6	13.3	7.6	3.3	0.7
290	245.0	117.6	61.3	35.1	21.7	13.4	7.7	3.3	0.7
295	245.3	117.1	61.0	35.0	21.7	13.4	7.7	3.4	0.7
300	245.0	116.2	60.3	34.6	21.6	13.4	7.8	3.4	0.7
305	244.0	115.1	59.4	34.2	21.4	13.3	7.7	3.4	0.7
310	243.3	113.9	58.5	33.7	21.1	13.2	7.6	3.4	0.7
315	243.0	112.9	57.4	33.0	20.7	13.0	7.6	3.4	0.7
320	242.7	112.1	56.5	32.4	20.3	12.8	7.5	3.3	0.7
325	242.3	111.6	55.7	31.8	20.0	12.6	7.4	3.3	0.7
330	242.3	111.4	55.0	31.3	19.7	12.4	7.3	3.3	0.7
335	243.0	111.3	54.5	30.8	19.4	12.3	7.2	3.2	0.7
340	243.3	111.5	54.1	30.5	19.2	12.1	7.1	3.2	0.7
345	244.0	111.7	53.7	30.1	18.9	12.0	7.0	3.1	0.7

RP Lighting + Fans

Photometric Data Table

[Unit:cd] 8122H-30-30

350	244.0	111.9	53.4	29.8	18.7	11.9	7.0	3.1	0.7
355	244.0	112.1	53.2	29.6	18.5	11.8	6.9	3.1	0.7
360	244.0	112.2	53.0	29.3	18.4	11.7	6.9	3.0	0.7

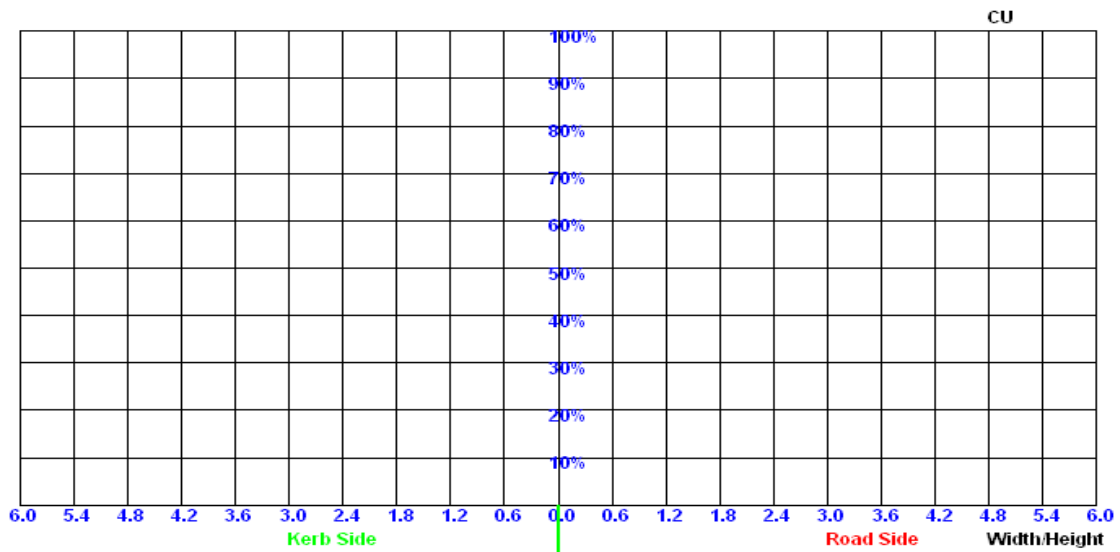
RP Lighting + Fans

Zonal Flux 8122H-30-30

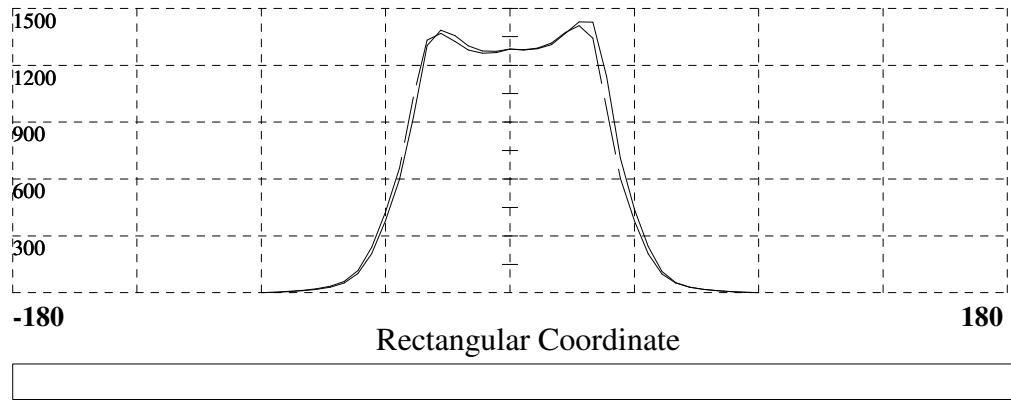
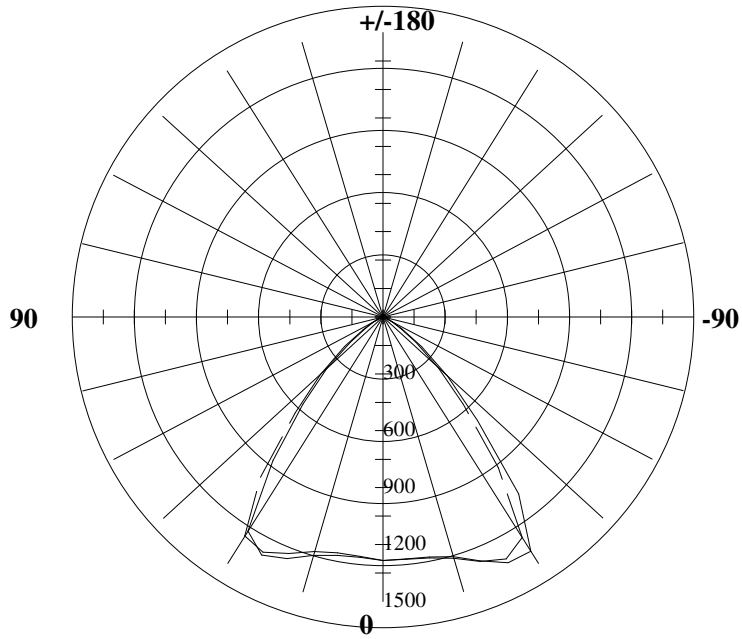
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1284.84	0.00	0.00	0.00	0.00
5	1274.99	30.60	30.60	-3060.21	-3060.21
10	1278.37	91.34	121.94	-9134.19	-12194.40
15	1302.52	153.10	275.04	-15309.68	-27504.08
20	1355.98	219.10	494.14	-21909.76	-49413.83
25	1398.74	288.92	783.06	-28891.88	-78305.68
30	1353.30	348.27	1131.33	-34827.22	-113132.92
35	1017.40	349.10	1480.43	-34910.14	-148043.04
40	643.05	277.03	1757.46	-27703.32	-175746.36
45	406.46	194.33	1951.79	-19432.61	-195179.02
50	224.51	127.50	2079.29	-12749.78	-207928.78
55	107.67	72.23	2151.51	-7222.69	-215151.39
60	54.39	37.46	2188.97	-3745.83	-218897.31
65	30.76	20.70	2209.67	-2069.87	-220967.14
70	18.96	12.59	2222.26	-1258.92	-222226.07
75	11.74	8.03	2230.29	-802.55	-223028.61
80	6.69	4.93	2235.22	-493.30	-223522.02
85	2.74	2.56	2237.78	-256.43	-223778.44
90	0.66	0.93	2238.72	-93.25	-223871.75

RP Lighting + Fans

Coefficient Utilization Curve 8122H-30-30

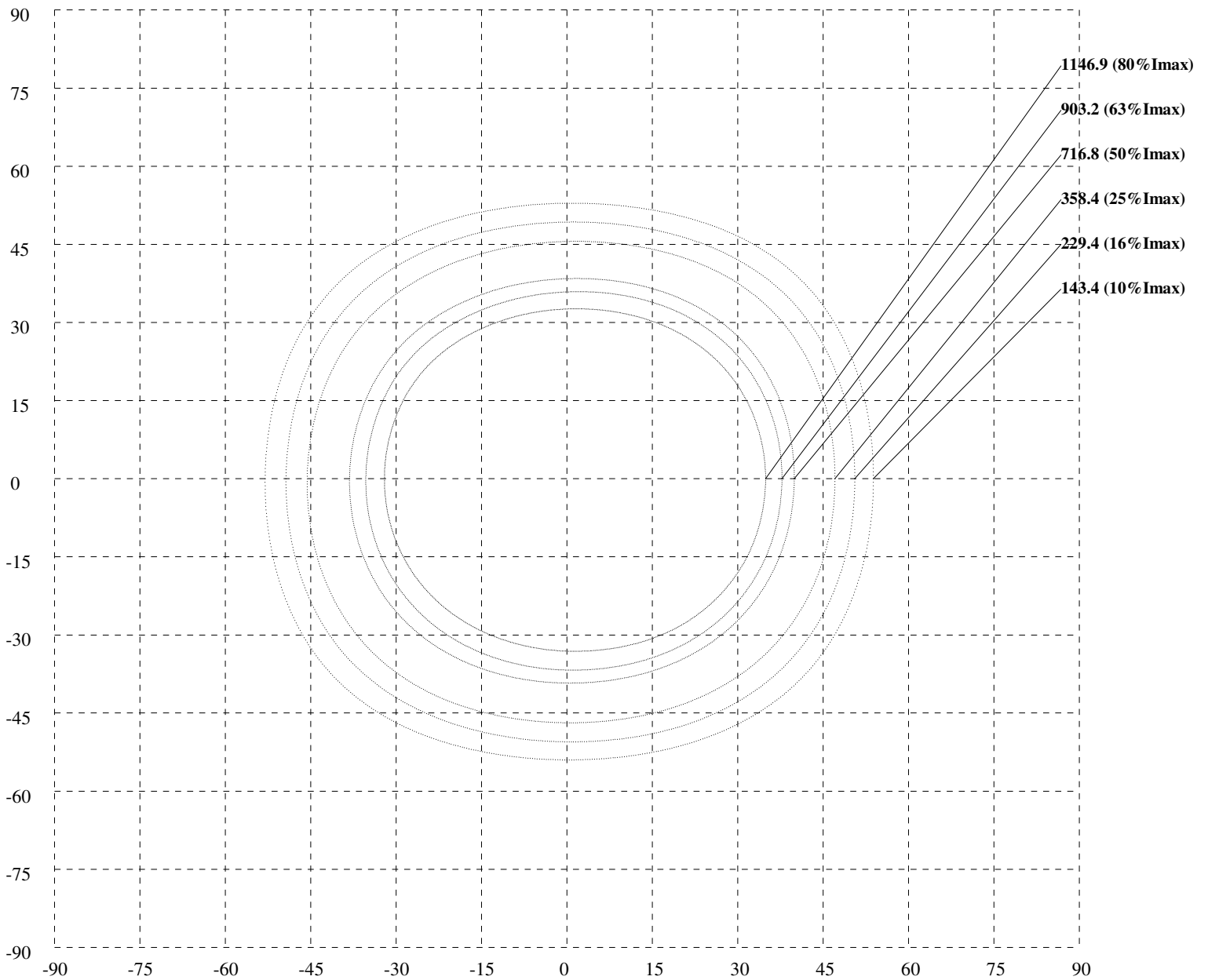


Light Distribution Curve[Unit: cd]



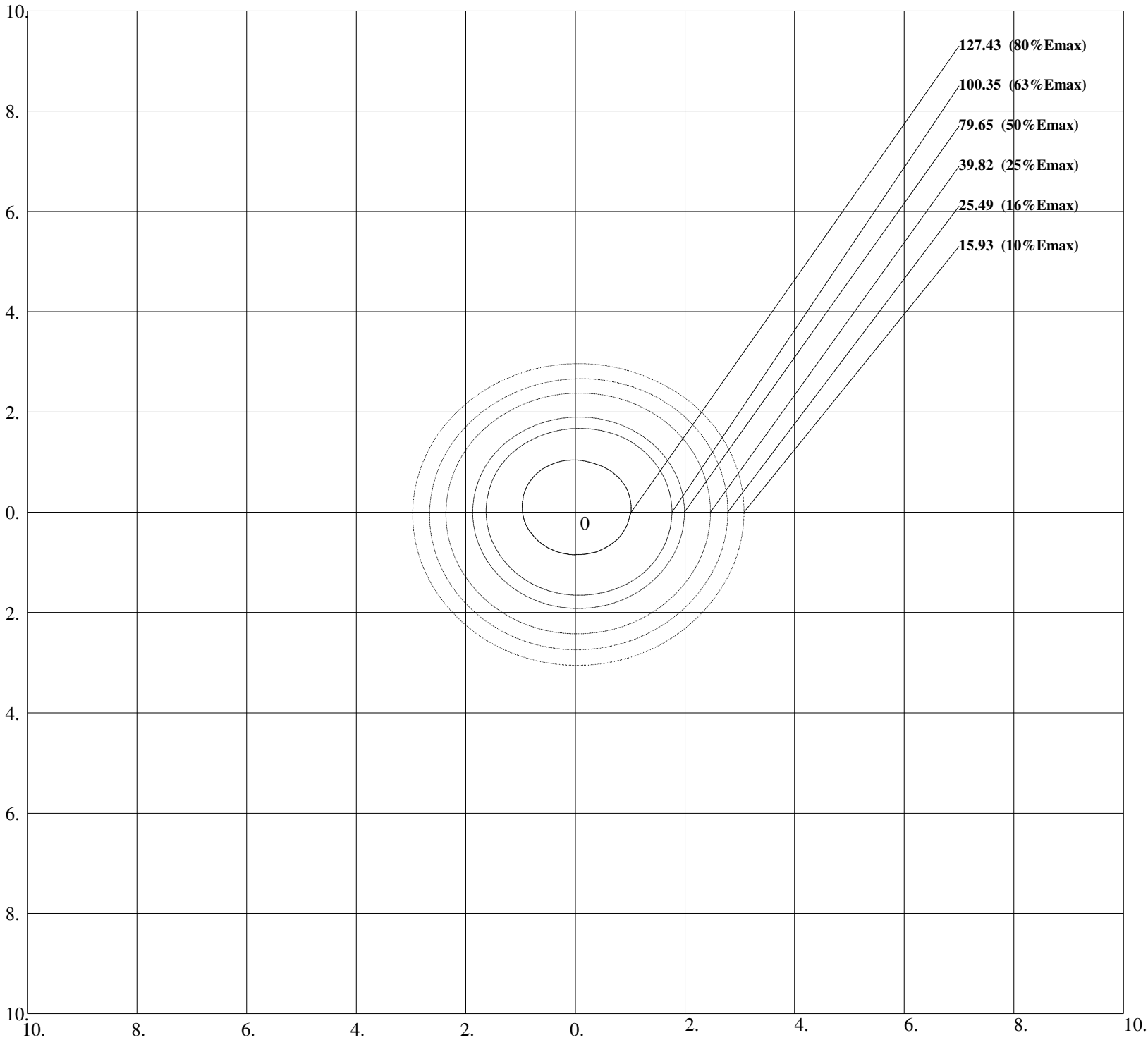
RP Lighting + Fans

ISO-Candela V-H [Unit :cd] 8122H-30-30



RP Lighting + Fans

Iso-Lux [Unit :lx] 8122H-30-30



Units: lx
Height: 3 m
Max Illuminance : 159.29lx

RP Lighting + Fans

Lux-Distance Curve

