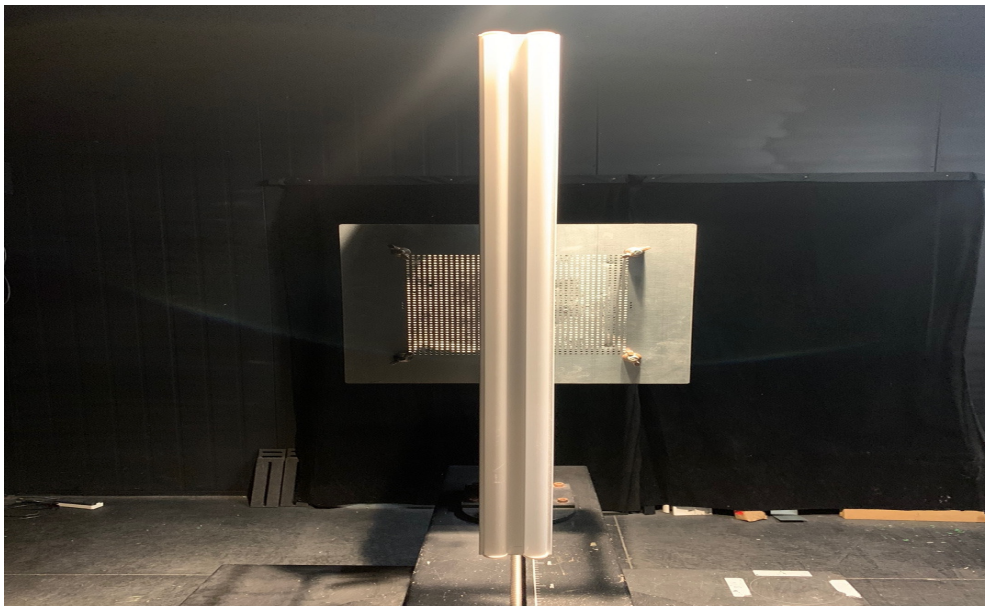


## Test Report of Luminaire

**Report No.:**

Luminaire Type	4310-1		
Lamp Type	LED		
Client		EUT NO.	CCT: 4014K, CRI: 82.6Ra
<b>Luminaire Parameters:</b>			
Voltage	119.9	Current	0.313
Power:	37.5	Power Factor	0.998
Frequency:	60Hz	Tc	4000K
<b>Photometric Parameters</b>			
Luminaire Flux	3860.28 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1171.279cd	Central Intensity	1170.374cd
Angle of Max Intensity:	C:160 G:5		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-386027.7%		
50%Imax Beam Width	C0_180[ 69.1 , -70.1] C90_270[ 54.4 , -54.4]		
Remark			

**Luminaire Figure**


## Photometric Data Table [Unit:cd] 4310-1

C\G	0	5	10	15	20	25	30	35	40	45
0	1170.4	1163.9	1147.9	1123.9	1093.5	1057.1	1016.4	969.7	919.9	868.5
5	1170.4	1164.3	1147.9	1123.9	1094.2	1057.1	1016.1	969.0	920.9	868.5
10	1170.4	1163.9	1148.2	1124.5	1093.5	1056.8	1015.1	968.7	918.9	867.5
15	1170.4	1163.9	1147.6	1124.2	1093.5	1055.8	1013.7	967.0	916.3	864.2
20	1170.4	1164.9	1147.9	1124.5	1092.2	1055.8	1012.4	964.0	912.3	859.2
25	1170.4	1164.3	1147.2	1124.2	1091.8	1053.5	1009.7	960.0	907.9	853.2
30	1170.4	1164.3	1147.6	1122.5	1089.5	1051.4	1006.4	955.6	902.2	844.5
35	1170.4	1163.3	1147.2	1122.2	1087.8	1048.8	1002.4	951.3	894.9	836.2
40	1170.4	1164.9	1146.2	1120.2	1086.5	1046.1	997.7	944.6	886.9	825.8
45	1170.4	1163.9	1146.2	1120.2	1084.2	1042.4	993.7	938.6	878.5	816.1
50	1170.4	1163.6	1145.2	1118.9	1082.8	1038.8	988.7	932.3	870.2	805.1
55	1170.4	1163.6	1144.6	1117.2	1079.5	1034.8	984.4	925.6	862.2	794.8
60	1170.4	1162.6	1143.6	1115.5	1078.5	1032.4	979.7	919.3	853.5	783.4
65	1170.4	1161.3	1143.2	1114.9	1076.8	1029.8	974.7	913.3	846.2	773.7
70	1170.4	1162.3	1142.9	1114.2	1075.1	1027.1	972.3	908.6	839.5	765.7
75	1170.4	1162.3	1142.9	1112.2	1072.5	1026.1	968.7	904.6	833.8	758.4
80	1170.4	1161.9	1141.6	1111.9	1071.5	1024.1	966.0	901.6	829.5	752.7
85	1170.4	1160.3	1140.9	1111.5	1071.1	1021.7	964.0	898.6	826.5	748.7
90	1170.4	1161.6	1140.9	1110.9	1069.5	1020.7	962.7	897.2	824.5	746.4
95	1170.4	1161.3	1140.9	1108.9	1068.8	1020.4	963.3	896.6	824.1	746.0
100	1170.4	1160.6	1140.6	1109.5	1069.1	1020.1	962.3	896.9	825.5	747.4
105	1170.4	1160.6	1139.6	1109.5	1069.1	1020.7	962.7	897.6	827.1	750.4
110	1170.4	1161.6	1139.6	1109.2	1069.8	1021.1	965.3	900.6	831.5	755.7
115	1170.4	1160.6	1139.2	1109.5	1070.5	1023.1	967.7	903.6	834.8	762.4
120	1170.4	1160.3	1141.2	1110.5	1071.1	1023.7	969.7	908.3	841.8	770.4
125	1170.4	1160.3	1140.6	1111.5	1073.5	1026.4	974.0	913.9	848.8	779.7
130	1170.4	1161.6	1140.9	1112.2	1075.1	1028.7	977.7	918.6	856.2	789.8
135	1170.4	1160.3	1140.9	1112.9	1076.8	1032.8	982.7	924.9	864.2	800.4
140	1170.4	1160.9	1142.6	1113.5	1077.5	1034.4	986.4	931.6	872.9	811.5
145	1170.4	1161.3	1142.2	1114.9	1080.5	1039.1	991.0	938.3	882.2	821.8
150	1170.4	1160.9	1143.2	1116.9	1082.5	1041.8	995.7	944.6	890.2	833.1
155	1170.4	1166.9	1143.6	1116.2	1084.5	1044.1	1000.0	949.6	897.6	843.2
160	1170.4	1171.3	1144.2	1119.2	1085.8	1047.4	1004.4	955.3	904.6	851.5
165	1170.4	1162.6	1143.9	1119.2	1087.8	1049.4	1007.7	960.7	911.3	858.2
170	1170.4	1161.9	1144.9	1119.9	1090.2	1052.1	1009.7	964.0	914.6	863.9
175	1170.4	1162.3	1145.2	1121.2	1089.8	1054.5	1012.7	967.0	918.9	868.2
180	1170.4	1162.6	1146.2	1122.2	1091.2	1055.1	1014.1	968.3	920.3	870.5
185	1170.4	1162.6	1146.2	1122.2	1091.5	1056.1	1014.4	968.7	920.9	871.5
190	1170.4	1162.9	1146.2	1122.2	1091.5	1056.1	1014.7	968.0	919.9	869.2
195	1170.4	1161.9	1146.2	1121.9	1091.8	1054.8	1013.7	967.0	917.3	866.5
200	1170.4	1162.6	1146.6	1122.2	1091.5	1053.8	1010.7	963.7	913.9	861.9
205	1170.4	1162.9	1146.6	1122.5	1090.5	1052.8	1008.7	959.7	909.3	855.5
210	1170.4	1162.3	1146.2	1120.9	1089.2	1049.8	1005.7	956.3	902.9	846.5
215	1170.4	1162.9	1146.2	1120.5	1087.8	1047.8	1001.7	950.3	895.6	838.5
220	1170.4	1162.3	1145.6	1119.9	1086.8	1045.1	998.7	945.3	888.9	828.5
225	1170.4	1161.9	1145.2	1118.9	1083.8	1042.4	993.4	938.6	879.9	817.5
230	1170.4	1161.9	1143.9	1118.2	1082.8	1039.1	988.7	933.0	871.2	806.8
235	1170.4	1161.3	1144.2	1116.5	1080.2	1035.8	985.0	926.3	863.2	796.1

## Photometric Data Table [Unit:cd] 4310-1

240	1170.4	1160.9	1143.6	1115.2	1078.2	1032.8	980.7	919.9	854.8	785.1
245	1170.4	1161.6	1141.9	1113.9	1076.5	1029.8	975.3	914.6	846.8	775.1
250	1170.4	1161.3	1141.9	1112.2	1074.8	1027.1	971.7	909.9	840.8	766.1
255	1170.4	1161.6	1141.6	1111.9	1072.8	1024.7	969.0	904.9	835.1	759.4
260	1170.4	1160.6	1140.6	1110.9	1070.8	1023.1	966.3	901.6	830.5	754.0
265	1170.4	1160.3	1141.9	1109.2	1071.1	1021.4	964.3	898.9	827.1	750.4
270	1170.4	1160.6	1140.2	1108.9	1070.1	1020.1	963.0	897.2	824.8	746.7
275	1170.4	1160.6	1140.2	1109.2	1069.1	1019.4	961.3	896.9	824.5	746.4
280	1170.4	1159.6	1139.9	1107.9	1068.5	1020.1	962.3	896.6	824.5	747.0
285	1170.4	1160.6	1140.2	1108.9	1068.8	1020.1	963.0	898.2	827.1	750.4
290	1170.4	1160.3	1140.2	1107.9	1068.8	1020.1	964.7	900.6	830.5	755.4
295	1170.4	1160.3	1139.2	1110.5	1071.1	1022.7	966.3	903.6	835.8	763.1
300	1170.4	1160.6	1139.6	1110.5	1072.1	1024.7	969.0	908.9	840.8	770.4
305	1170.4	1160.6	1140.2	1110.2	1072.5	1026.4	973.7	913.3	848.5	779.1
310	1170.4	1160.3	1140.2	1112.2	1074.1	1029.1	977.0	919.3	856.5	789.1
315	1170.4	1160.6	1140.6	1113.2	1076.8	1032.1	982.0	925.3	863.9	799.8
320	1170.4	1159.3	1141.6	1113.5	1078.5	1035.8	986.0	932.6	872.5	810.1
325	1170.4	1160.3	1141.6	1114.9	1080.2	1038.4	991.4	938.3	881.2	820.8
330	1170.4	1160.6	1141.6	1116.9	1082.5	1041.8	995.7	944.0	889.2	831.5
335	1170.4	1159.9	1143.6	1116.5	1083.8	1044.4	999.4	949.3	896.2	840.5
340	1170.4	1161.6	1142.6	1118.5	1086.5	1047.1	1003.4	955.3	902.9	848.5
345	1170.4	1160.6	1142.9	1119.5	1087.8	1050.4	1006.7	959.7	907.6	855.8
350	1170.4	1161.3	1144.6	1120.2	1089.8	1052.4	1010.7	963.0	912.9	861.5
355	1170.4	1161.6	1145.6	1120.2	1089.8	1052.8	1012.1	966.3	916.6	865.5
360	1170.4	1163.9	1147.9	1123.9	1093.5	1057.1	1016.4	969.7	919.9	868.5

C\G	50	55	60	65	70	75	80	85	90
0	816.1	760.7	703.0	643.6	572.5	481.3	376.2	267.7	191.1
5	815.5	761.0	703.3	643.9	572.5	482.0	377.2	268.9	190.8
10	814.1	759.0	700.3	640.9	571.5	481.3	376.9	268.4	189.1
15	809.4	754.0	696.0	636.2	567.1	479.3	375.5	266.7	185.9
20	804.8	748.4	688.6	628.5	560.8	475.3	372.2	263.5	181.3
25	796.8	739.4	679.6	617.9	551.4	469.6	366.8	258.6	175.1
30	787.1	728.7	667.6	605.2	540.4	461.3	360.5	251.8	167.4
35	776.4	715.7	654.2	590.8	525.7	450.0	351.5	243.2	158.1
40	764.1	701.3	637.9	573.5	508.4	434.9	341.1	233.1	147.6
45	749.7	685.9	620.5	555.1	487.7	416.9	328.1	221.2	135.5
50	737.0	669.3	601.5	534.1	465.6	396.2	313.1	207.5	122.2
55	723.7	651.9	581.5	512.7	442.9	372.8	295.7	192.4	107.7
60	710.6	635.5	561.1	488.7	417.9	345.8	274.0	175.4	92.1
65	698.6	620.2	541.4	465.3	391.5	318.4	248.0	156.6	75.7
70	687.3	606.2	524.1	442.6	364.2	289.4	218.3	135.8	58.8
75	678.3	594.2	508.4	422.2	338.5	258.4	187.3	112.4	41.8
80	670.6	584.5	495.7	405.2	315.8	230.0	147.3	84.4	25.7
85	665.9	577.8	486.7	393.5	300.4	208.0	119.6	55.0	12.0
90	663.2	574.5	482.3	387.9	292.1	197.3	104.1	34.3	4.0
95	662.6	574.8	483.0	388.2	293.7	200.6	109.4	42.4	7.2
100	664.9	577.5	487.3	396.2	304.4	216.6	132.5	69.2	18.4

## Photometric Data Table [Unit:cd] 4310-1

105	668.9	584.8	497.0	409.2	323.8	241.7	163.6	97.4	33.2
110	676.3	593.8	510.0	427.6	346.8	271.0	194.3	120.6	50.6
115	685.6	605.8	526.1	448.6	373.5	300.4	224.3	141.7	67.4
120	696.3	620.5	543.7	471.6	400.6	328.1	253.1	162.4	83.9
125	708.0	636.2	563.4	494.7	425.3	354.2	276.0	180.3	99.8
130	722.0	652.9	584.5	518.0	449.3	379.5	294.7	196.9	114.9
135	735.0	670.3	603.8	539.1	471.6	402.2	311.9	212.4	128.8
140	749.4	685.9	622.9	559.4	494.3	422.2	327.2	226.5	141.9
145	762.4	701.3	641.6	577.5	514.0	439.9	341.1	239.7	153.6
150	775.4	716.0	657.9	594.2	530.7	456.3	353.6	251.5	164.0
155	787.1	729.7	672.3	610.5	546.4	468.3	364.4	262.0	173.1
160	796.4	741.0	684.3	623.5	558.4	478.7	373.7	271.2	180.8
165	806.1	750.7	694.0	634.9	569.8	487.3	382.3	279.0	187.1
170	812.5	758.7	701.6	642.9	577.5	494.0	388.7	285.5	192.1
175	816.5	763.4	707.3	648.6	583.5	499.7	394.0	290.5	195.8
180	819.8	766.4	710.0	652.2	586.8	502.7	397.1	294.0	198.4
185	820.1	766.4	710.6	652.2	587.5	504.4	398.9	295.6	199.4
190	817.8	764.4	708.3	650.2	585.8	503.7	399.0	295.6	198.8
195	814.1	760.0	704.0	644.9	581.5	501.4	396.9	293.7	196.8
200	808.4	753.7	696.0	637.2	573.8	496.4	393.1	289.7	192.7
205	799.8	744.0	686.3	626.2	563.8	489.3	386.6	283.9	186.9
210	791.1	732.3	675.3	613.5	551.1	478.3	378.7	276.2	179.2
215	779.7	719.7	660.2	598.8	535.4	464.6	368.6	266.6	169.7
220	767.4	704.3	643.9	580.8	516.4	447.6	355.8	254.7	158.6
225	753.7	688.6	625.2	561.8	495.7	427.6	340.9	241.3	145.8
230	740.0	671.6	605.8	539.7	473.3	405.6	323.7	225.6	131.3
235	726.0	655.2	585.1	516.0	446.9	379.5	302.8	208.2	115.4
240	712.6	638.2	564.1	490.7	420.6	351.8	277.8	188.7	97.3
245	700.0	623.2	545.1	466.6	392.9	323.4	248.7	167.2	79.1
250	688.3	608.2	526.1	443.9	365.2	292.7	216.8	143.7	60.6
255	679.3	596.2	510.7	423.6	339.1	261.0	182.5	115.7	42.2
260	672.3	586.5	497.7	406.6	317.4	232.0	148.4	84.6	25.2
265	666.9	579.5	488.7	394.9	300.7	209.6	119.5	54.0	11.3
270	664.2	575.5	484.3	389.2	293.4	198.9	105.3	34.8	3.4
275	662.9	575.5	484.0	389.9	295.4	201.6	112.0	44.9	7.4
280	665.2	578.8	489.0	397.5	306.4	219.3	135.4	71.0	18.6
285	669.6	585.1	498.7	409.9	324.4	244.0	165.5	97.0	33.2
290	676.9	594.2	511.0	427.3	347.1	272.4	194.8	117.5	49.1
295	685.3	605.8	526.7	448.0	372.5	299.7	223.2	135.8	65.3
300	695.3	619.5	544.8	470.0	397.9	326.1	247.4	152.4	81.2
305	708.3	634.5	563.1	492.0	421.2	351.8	266.7	167.7	96.5
310	720.3	651.6	582.8	513.7	444.3	374.8	283.0	181.9	111.0
315	733.7	668.3	601.5	533.7	466.6	394.9	297.5	195.1	124.6
320	746.0	683.9	620.2	553.8	487.7	412.2	310.6	207.4	137.1
325	759.7	699.0	636.5	571.8	506.0	427.6	322.5	218.7	148.5
330	772.1	712.6	651.2	588.1	520.7	439.3	332.9	229.1	158.6
335	783.1	725.3	664.6	602.5	534.7	449.0	342.1	237.9	167.4
340	793.4	735.7	676.3	615.2	546.1	458.3	350.1	246.1	174.9
345	800.8	744.7	685.9	625.5	555.4	465.6	357.3	253.1	181.0

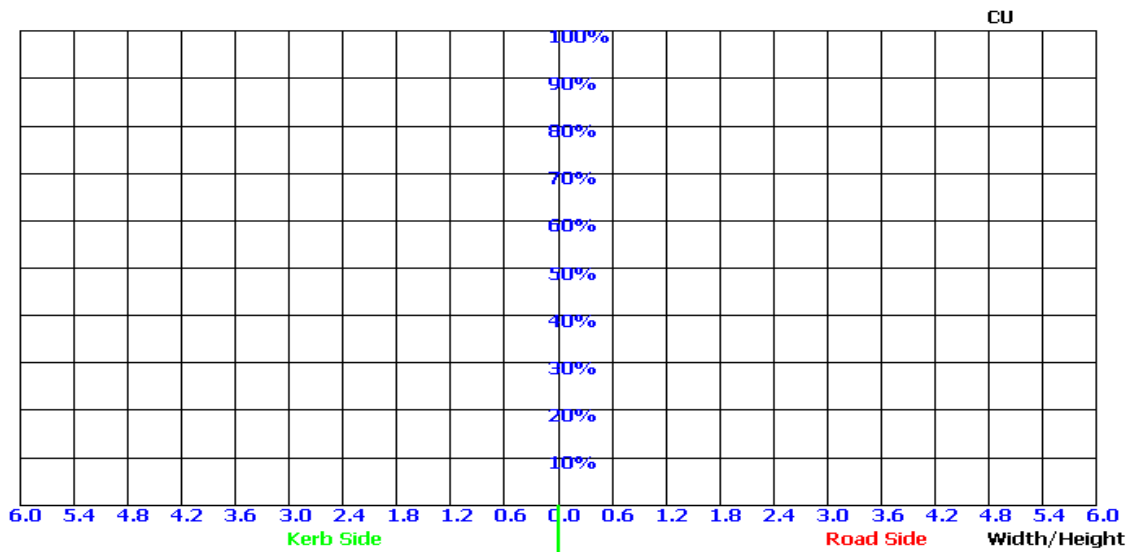
### Photometric Data Table [Unit:cd] 4310-1

<b>350</b>	807.4	752.0	693.6	633.5	562.8	471.3	362.9	258.6	185.5
<b>355</b>	812.5	756.7	698.6	639.2	568.4	476.3	367.4	263.0	188.7
<b>360</b>	816.1	760.7	703.0	643.6	572.5	481.3	376.2	267.7	191.1

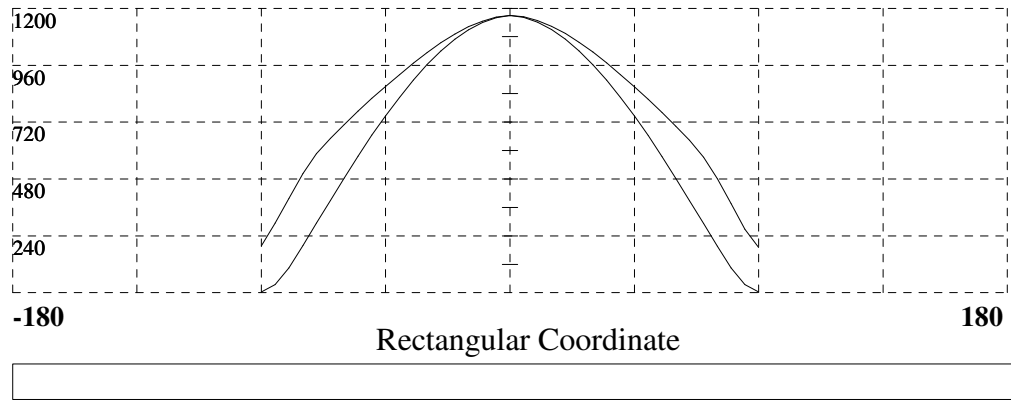
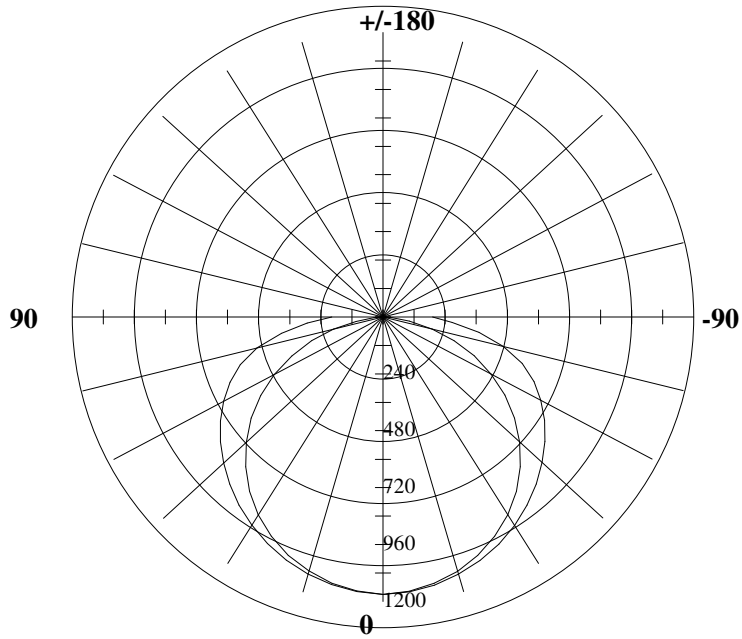
## Zonal Flux4310-1

<b>Gamma [°]</b>	<b>I<sub>mean</sub> [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
0	1170.38	0.00	0.00	0.00	0.00
5	1161.94	27.88	27.88	-2788.22	-2788.22
10	1143.32	82.47	110.35	-8246.65	-11034.87
15	1116.02	134.02	244.37	-13402.24	-24437.11
20	1080.56	181.03	425.40	-18102.91	-42540.02
25	1037.58	222.15	647.55	-22215.37	-64755.39
30	988.09	256.35	903.90	-25634.95	-90390.31
35	932.29	282.79	1186.69	-28278.87	-118669.20
40	872.02	301.04	1487.73	-30103.52	-148772.72
45	808.15	311.10	1798.82	-31109.62	-179882.37
50	741.79	313.19	2112.01	-31318.60	-211201.00
55	673.45	307.72	2419.73	-30771.93	-241972.88
60	603.75	295.22	2714.95	-29522.18	-271495.02
65	532.96	276.34	2991.29	-27633.71	-299128.71
70	460.22	251.48	3242.77	-25147.90	-324276.66
75	381.17	219.92	3462.69	-21992.46	-346269.07
80	289.32	179.40	3642.09	-17940.27	-364209.28
85	196.07	131.89	3773.98	-13189.03	-377398.32
90	119.10	86.29	3860.28	-8629.46	-386027.83

# Coefficient Utilization Curve 4310-1

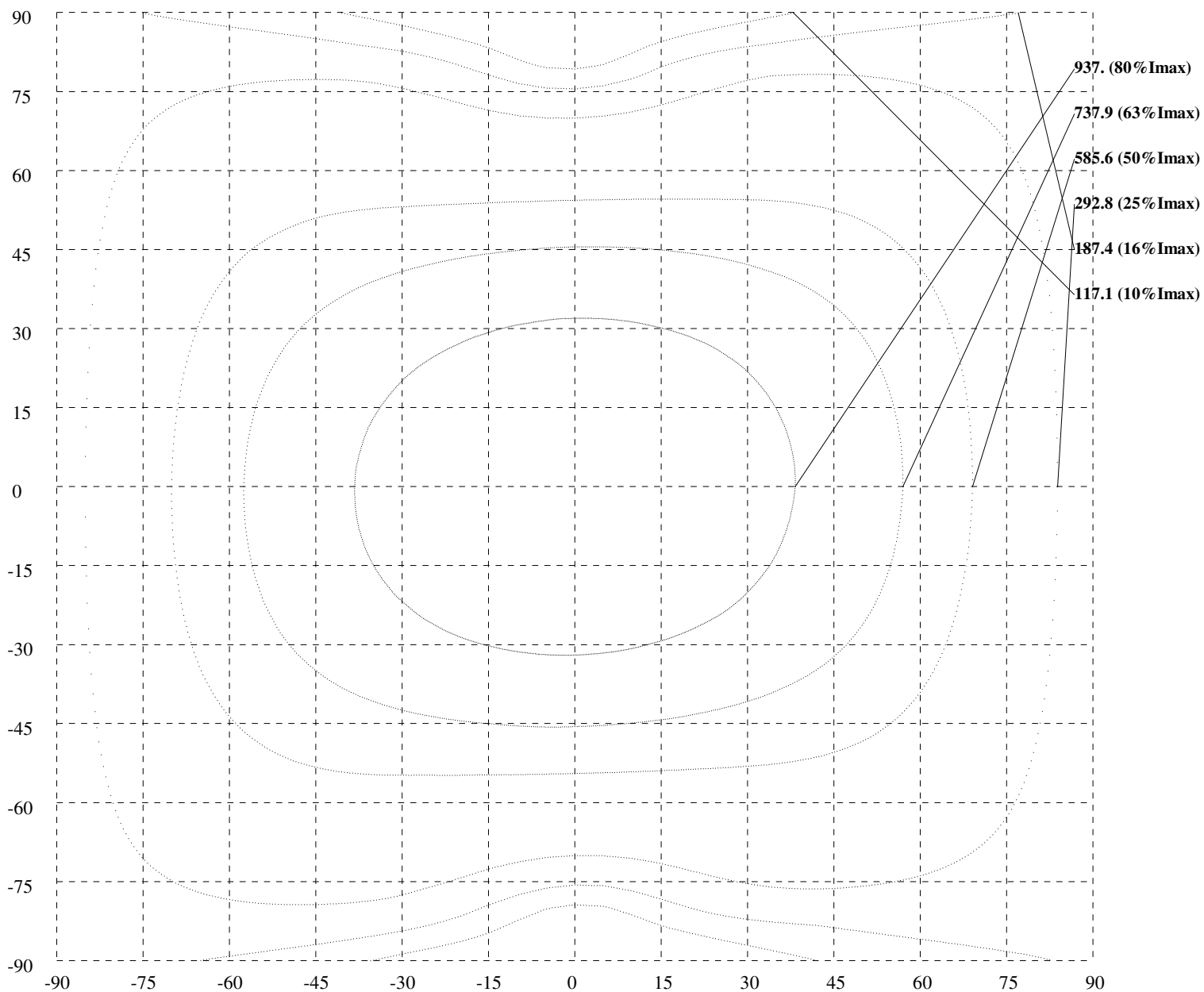


Light Distribution Curve[Unit: cd]

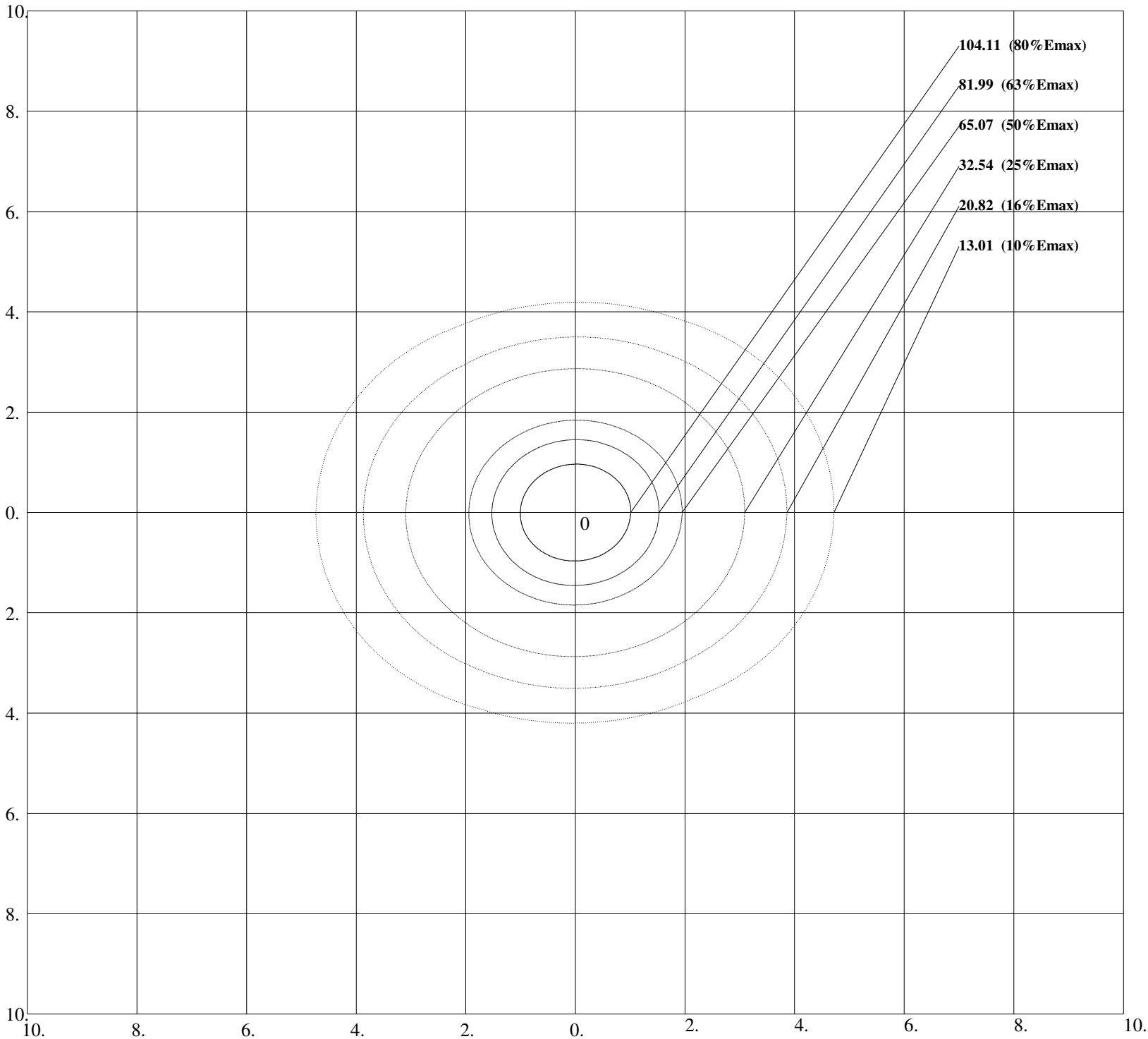




# ISO-Candela V-H [Unit :cd]4310-1



**Iso-Lux [Unit :lx]4310-1**



Units: lx  
 Height: 3 m  
 Max Illuminance : 130.14lx

# Lux-Distance Curve

