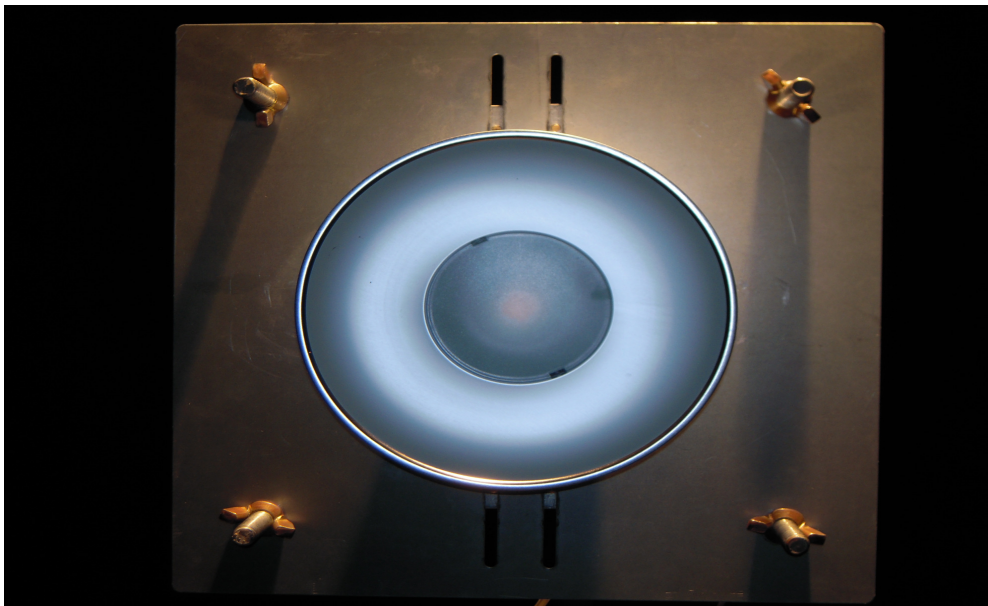


Test Report of Luminaire

Report No.:

Luminaire Type	SFK8-20-827-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2768K, CRI: 81.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.173
Power:	20.5	Power Factor	0.985
Frequency:	60Hz	Tc	2700K
Photometric Parameters			
Luminaire Flux	1323.24 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2009.374cd	Central Intensity	2009.374cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.01%		
Downward Flux Ratio	-132324.1%		
50%Imax Beam Width	C0_180[17.1 , -18.0] C90_270[17.6 , -18.4]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] SFK8-20-827-HC

C\G	0	5	10	15	20	25	30	35	40	45
0	2009.4	1701.7	1320.8	1078.2	903.6	755.0	621.2	511.0	357.8	93.7
5	2009.4	1698.0	1317.8	1076.8	902.2	755.4	622.2	511.4	357.5	92.9
10	2009.4	1695.0	1316.5	1076.1	902.6	756.0	624.2	512.4	357.5	92.3
15	2009.4	1692.0	1315.5	1075.1	902.9	758.7	627.2	515.0	357.8	91.6
20	2009.4	1689.3	1315.5	1074.8	904.9	761.7	630.2	517.4	359.5	91.3
25	2009.4	1687.7	1317.1	1076.5	906.6	765.7	634.9	521.1	361.2	90.9
30	2009.4	1686.0	1317.5	1078.5	907.2	767.7	639.2	525.4	363.8	90.9
35	2009.4	1684.7	1318.5	1080.5	907.9	770.7	643.9	529.7	367.8	90.9
40	2009.4	1683.7	1319.8	1082.2	909.3	772.7	647.9	534.1	372.2	91.0
45	2009.4	1683.7	1321.2	1083.8	910.9	774.7	651.6	538.1	376.5	91.4
50	2009.4	1684.7	1322.8	1084.2	911.9	776.1	654.6	542.1	381.2	91.7
55	2009.4	1685.0	1324.5	1084.5	912.3	777.4	657.2	545.4	385.2	92.3
60	2009.4	1686.7	1325.5	1084.5	912.6	778.4	658.9	548.8	390.5	92.8
65	2009.4	1688.0	1327.2	1085.8	913.3	779.1	661.6	552.1	395.2	93.4
70	2009.4	1690.3	1328.2	1087.5	914.9	779.7	664.2	555.8	399.9	94.2
75	2009.4	1692.3	1330.2	1088.2	916.9	780.7	665.9	558.4	404.9	94.9
80	2009.4	1694.0	1332.2	1089.2	917.3	782.1	668.3	561.1	409.9	96.0
85	2009.4	1697.3	1334.2	1090.8	919.3	783.1	670.3	564.4	416.2	97.2
90	2009.4	1700.3	1336.5	1093.2	921.6	785.7	673.6	568.4	421.6	98.9
95	2009.4	1704.0	1338.5	1095.2	923.6	786.4	674.3	570.5	427.9	100.7
100	2009.4	1707.4	1340.2	1097.2	923.9	787.8	676.9	574.1	433.3	102.5
105	2009.4	1710.7	1342.8	1097.8	924.9	789.4	679.3	576.8	438.3	104.8
110	2009.4	1714.7	1343.9	1100.5	926.3	789.4	680.6	578.1	442.9	106.9
115	2009.4	1718.4	1345.9	1102.2	927.3	789.4	683.3	580.1	446.3	109.7
120	2009.4	1723.0	1348.2	1104.2	927.3	791.4	683.6	583.1	451.3	112.2
125	2009.4	1726.7	1350.2	1106.9	928.3	792.4	683.6	583.8	453.6	115.2
130	2009.4	1731.7	1352.9	1108.5	930.3	793.4	685.3	584.5	457.3	118.2
135	2009.4	1735.7	1355.9	1109.9	932.6	795.4	684.6	584.8	460.0	121.5
140	2009.4	1740.1	1357.9	1110.9	934.6	796.8	685.3	584.1	462.6	124.3
145	2009.4	1744.4	1360.2	1112.9	936.6	797.8	684.9	582.5	465.0	127.2
150	2009.4	1747.7	1361.5	1114.2	938.0	799.1	684.9	582.1	467.3	129.7
155	2009.4	1751.4	1362.5	1114.5	938.0	800.1	684.3	579.8	468.3	132.0
160	2009.4	1754.1	1362.2	1113.5	939.0	801.8	683.9	578.8	469.6	134.3
165	2009.4	1756.8	1362.5	1112.2	939.3	801.4	682.9	577.8	470.0	136.2
170	2009.4	1758.8	1361.5	1111.9	938.3	801.8	683.6	577.5	471.3	138.0
175	2009.4	1761.4	1361.9	1111.2	936.6	801.8	682.6	577.5	472.3	139.3
180	2009.4	1763.1	1362.5	1110.5	936.0	801.1	684.3	578.1	473.3	140.3
185	2009.4	1765.1	1363.9	1110.5	936.3	802.1	686.3	579.8	472.7	141.1
190	2009.4	1767.1	1365.2	1111.2	936.6	801.8	686.3	581.8	473.0	141.3
195	2009.4	1768.1	1366.5	1111.5	935.0	801.8	688.6	584.5	473.3	141.6
200	2009.4	1770.4	1368.6	1112.9	936.0	802.1	688.6	586.8	474.3	141.3
205	2009.4	1772.8	1372.2	1116.2	937.0	801.8	690.6	588.5	475.0	141.4
210	2009.4	1774.4	1375.6	1119.9	938.6	802.1	692.0	590.1	476.3	140.9
215	2009.4	1776.4	1379.6	1122.9	940.6	802.8	693.0	592.8	477.0	140.4
220	2009.4	1779.1	1383.2	1125.9	943.0	803.4	694.0	594.2	478.7	139.7
225	2009.4	1781.8	1386.6	1128.2	945.6	803.4	695.0	594.8	479.3	138.6
230	2009.4	1783.8	1390.9	1129.9	946.6	805.1	695.0	595.2	479.0	137.8
235	2009.4	1785.8	1392.9	1131.2	948.3	805.8	694.3	594.8	478.7	136.4

Photometric Data Table [Unit:cd] SFK8-20-827-HC

240	2009.4	1787.5	1395.9	1132.9	949.3	807.1	693.3	594.2	477.3	135.1
245	2009.4	1788.8	1396.9	1133.9	950.6	807.1	692.3	591.8	475.7	133.8
250	2009.4	1789.5	1398.3	1134.2	951.3	807.8	692.0	591.5	473.7	131.8
255	2009.4	1789.5	1397.9	1134.9	950.0	808.1	690.6	588.1	470.3	130.1
260	2009.4	1789.1	1397.6	1134.6	949.0	806.4	689.6	586.5	467.0	128.2
265	2009.4	1788.1	1396.3	1133.2	947.6	805.1	686.6	583.1	462.6	126.3
270	2009.4	1786.1	1394.9	1130.9	945.3	803.1	683.9	579.8	459.0	124.3
275	2009.4	1783.5	1392.6	1128.9	942.6	801.1	681.6	576.1	454.3	122.5
280	2009.4	1780.8	1390.6	1126.6	940.3	799.1	678.6	571.8	449.3	120.5
285	2009.4	1777.4	1387.9	1124.5	939.3	797.1	674.6	567.8	442.6	118.8
290	2009.4	1774.1	1385.2	1121.9	936.6	795.1	670.9	562.1	435.9	117.0
295	2009.4	1769.1	1382.9	1119.5	934.0	793.4	667.3	557.4	427.3	114.9
300	2009.4	1765.1	1378.9	1117.2	931.3	790.4	663.9	552.4	420.2	113.2
305	2009.4	1759.8	1375.2	1114.2	929.6	788.1	659.9	547.4	412.9	111.0
310	2009.4	1754.7	1370.6	1110.9	926.6	785.1	655.2	542.4	405.2	109.2
315	2009.4	1750.1	1366.2	1108.5	925.6	782.4	650.9	537.7	398.5	107.2
320	2009.4	1743.7	1360.9	1105.9	923.6	780.1	646.6	533.1	392.2	105.3
325	2009.4	1738.7	1355.2	1103.5	921.3	775.4	641.6	528.7	386.5	103.4
330	2009.4	1732.4	1349.2	1099.5	918.6	771.1	636.5	525.1	380.5	101.5
335	2009.4	1726.7	1343.5	1096.2	916.3	768.1	632.9	521.4	375.2	100.0
340	2009.4	1721.0	1338.2	1092.2	913.3	763.1	628.5	518.0	370.5	98.5
345	2009.4	1715.7	1332.8	1088.2	909.6	759.7	625.5	514.7	365.5	97.3
350	2009.4	1710.7	1328.5	1084.2	906.2	757.4	622.9	512.4	362.2	95.9
355	2009.4	1706.0	1324.5	1080.8	903.9	755.4	621.9	511.0	360.2	94.8
360	2009.4	1701.7	1320.8	1078.2	903.6	755.0	621.2	511.0	357.8	93.7

C\G	50	55	60	65	70	75	80	85	90
0	23.3	7.9	2.2	1.3	1.1	1.0	0.9	0.8	0.7
5	23.1	7.8	2.2	1.3	1.1	1.0	0.9	0.8	0.7
10	23.0	7.7	2.2	1.3	1.1	1.0	0.9	0.8	0.7
15	22.9	7.7	2.3	1.3	1.1	1.0	0.9	0.8	0.7
20	22.9	7.7	2.2	1.3	1.1	1.0	0.9	0.8	0.7
25	22.9	7.7	2.3	1.3	1.1	0.9	0.9	0.8	0.7
30	22.9	7.7	2.3	1.3	1.1	1.0	0.9	0.8	0.7
35	23.0	7.8	2.3	1.3	1.1	0.9	0.9	0.7	0.7
40	23.0	7.8	2.3	1.3	1.1	1.0	0.9	0.8	0.7
45	23.1	7.8	2.3	1.3	1.1	1.0	0.9	0.8	0.7
50	23.2	7.9	2.4	1.3	1.1	1.0	0.9	0.8	0.7
55	23.4	8.0	2.4	1.3	1.1	1.0	0.9	0.8	0.7
60	23.6	8.1	2.4	1.3	1.1	1.0	0.9	0.8	0.7
65	23.9	8.2	2.4	1.3	1.2	1.0	0.9	0.8	0.7
70	24.1	8.4	2.5	1.3	1.1	1.0	0.9	0.8	0.7
75	24.4	8.5	2.6	1.4	1.1	1.0	0.9	0.8	0.7
80	24.9	8.7	2.6	1.4	1.2	1.0	0.9	0.8	0.7
85	25.2	8.9	2.7	1.4	1.2	1.0	0.9	0.8	0.7
90	25.7	9.1	2.9	1.4	1.2	1.0	0.9	0.8	0.7
95	26.2	9.4	3.0	1.4	1.2	1.0	0.9	0.8	0.7
100	26.7	9.6	3.1	1.5	1.2	1.0	0.9	0.8	0.7

Photometric Data Table [Unit:cd] SFK8-20-827-HC

105	27.2	9.9	3.2	1.5	1.2	1.1	0.9	0.8	0.7
110	27.7	10.2	3.4	1.5	1.3	1.1	0.9	0.8	0.7
115	28.2	10.4	3.5	1.5	1.3	1.1	0.9	0.8	0.7
120	28.7	10.7	3.6	1.5	1.3	1.1	0.9	0.8	0.7
125	29.2	10.9	3.7	1.5	1.3	1.1	0.9	0.8	0.7
130	29.6	11.1	3.8	1.5	1.3	1.1	0.9	0.8	0.7
135	30.0	11.2	3.9	1.5	1.3	1.1	0.9	0.8	0.7
140	30.3	11.4	3.9	1.5	1.3	1.1	0.9	0.8	0.7
145	30.7	11.4	3.9	1.5	1.3	1.1	0.9	0.8	0.7
150	30.9	11.5	4.0	1.5	1.3	1.1	0.9	0.8	0.7
155	31.2	11.6	3.9	1.5	1.2	1.1	0.9	0.8	0.7
160	31.5	11.6	3.9	1.4	1.2	1.0	0.9	0.8	0.7
165	31.7	11.6	3.9	1.4	1.2	1.0	0.9	0.8	0.7
170	31.9	11.6	3.9	1.4	1.2	1.0	0.9	0.8	0.7
175	32.0	11.6	3.9	1.4	1.2	1.0	0.9	0.8	0.7
180	32.1	11.6	3.9	1.4	1.2	1.0	0.9	0.8	0.7
185	32.2	11.5	3.9	1.4	1.2	1.0	0.9	0.8	0.7
190	32.2	11.5	3.8	1.4	1.2	1.0	0.9	0.8	0.7
195	32.3	11.4	3.8	1.4	1.2	1.0	0.9	0.8	0.7
200	32.3	11.3	3.8	1.4	1.2	1.0	0.9	0.8	0.7
205	32.3	11.3	3.7	1.3	1.1	1.0	0.9	0.8	0.7
210	32.3	11.2	3.7	1.3	1.1	1.0	0.9	0.8	0.7
215	32.2	11.1	3.6	1.3	1.1	1.0	0.9	0.8	0.7
220	32.1	11.0	3.5	1.3	1.1	1.0	0.9	0.8	0.7
225	32.0	10.9	3.5	1.3	1.1	1.0	0.9	0.8	0.7
230	31.7	10.8	3.4	1.3	1.1	1.0	0.9	0.8	0.7
235	31.6	10.7	3.3	1.3	1.2	1.0	0.9	0.8	0.7
240	31.3	10.6	3.3	1.4	1.2	1.0	0.9	0.8	0.7
245	31.0	10.4	3.2	1.3	1.1	1.0	0.9	0.8	0.7
250	30.7	10.3	3.2	1.3	1.1	1.0	0.9	0.8	0.7
255	30.4	10.2	3.1	1.3	1.2	1.0	0.9	0.8	0.7
260	30.1	10.1	3.1	1.4	1.2	1.0	0.9	0.8	0.7
265	29.7	10.0	3.1	1.4	1.2	1.0	0.9	0.8	0.7
270	29.4	9.9	3.0	1.4	1.2	1.0	0.9	0.8	0.7
275	29.1	9.8	3.0	1.4	1.2	1.0	0.9	0.8	0.7
280	28.8	9.7	3.0	1.4	1.2	1.0	0.9	0.8	0.7
285	28.4	9.6	3.0	1.4	1.2	1.0	0.9	0.8	0.7
290	28.1	9.6	3.0	1.5	1.2	1.1	0.9	0.8	0.7
295	27.8	9.5	3.0	1.5	1.2	1.1	0.9	0.8	0.7
300	27.5	9.4	3.0	1.5	1.2	1.1	0.9	0.8	0.7
305	27.1	9.3	2.9	1.5	1.3	1.1	0.9	0.8	0.7
310	26.7	9.2	2.9	1.5	1.3	1.1	0.9	0.8	0.7
315	26.3	9.0	2.8	1.5	1.2	1.1	0.9	0.8	0.7
320	25.9	8.9	2.7	1.5	1.2	1.1	0.9	0.8	0.7
325	25.5	8.7	2.6	1.5	1.2	1.0	0.9	0.8	0.7
330	25.1	8.6	2.5	1.4	1.2	1.0	0.9	0.8	0.7
335	24.7	8.4	2.5	1.4	1.2	1.0	0.9	0.8	0.7
340	24.4	8.3	2.4	1.4	1.2	1.0	0.9	0.8	0.7
345	24.0	8.1	2.4	1.4	1.2	1.0	0.9	0.8	0.7

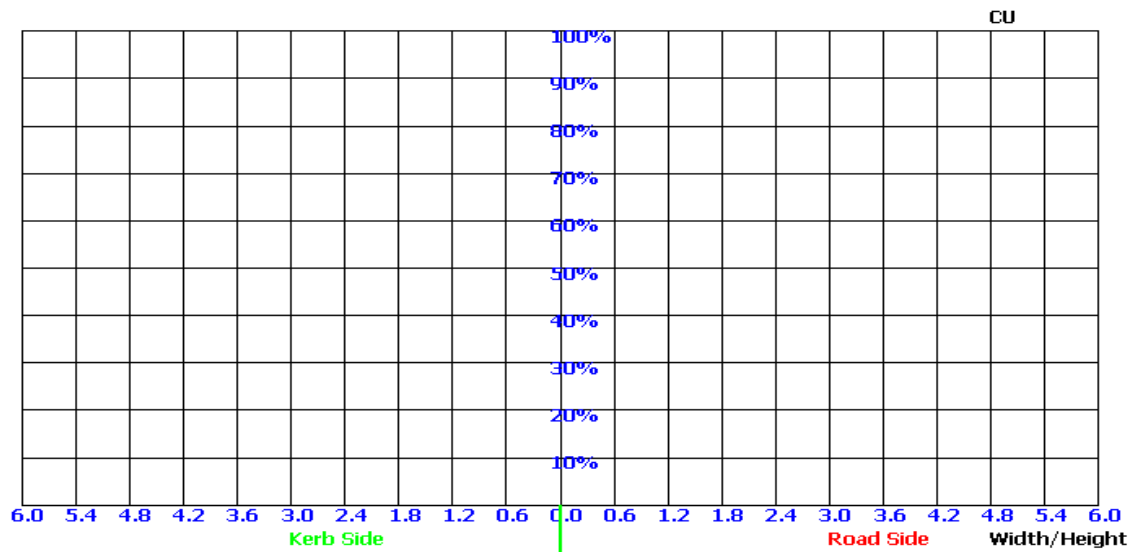
Photometric Data Table [Unit:cd] SFK8-20-827-HC

350	23.7	8.0	2.3	1.3	1.1	1.0	0.9	0.8	0.7
355	23.4	7.9	2.3	1.3	1.1	1.0	0.9	0.8	0.7
360	23.3	7.9	2.2	1.3	1.1	1.0	0.9	0.8	0.7

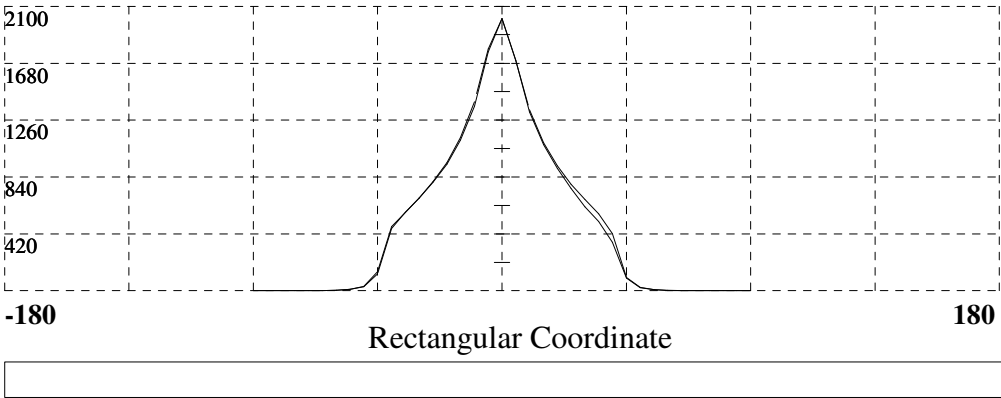
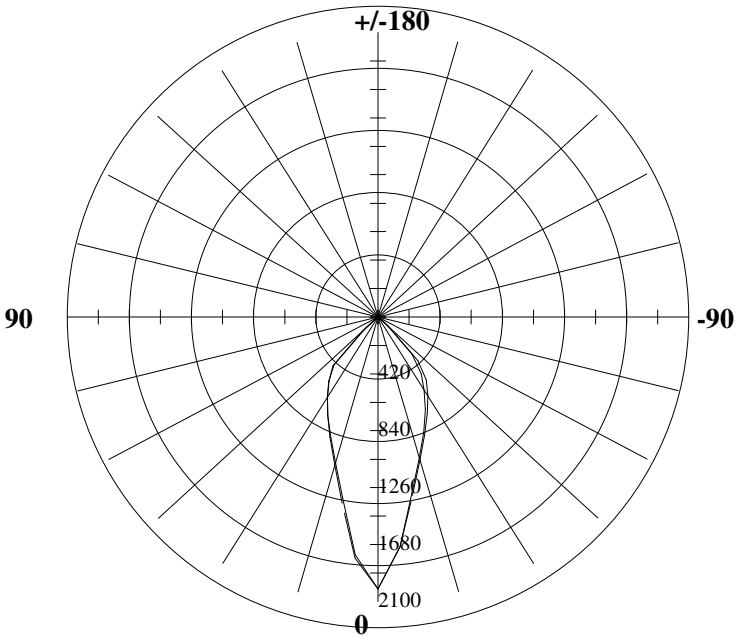
Zonal FluxSFK8-20-827-HC

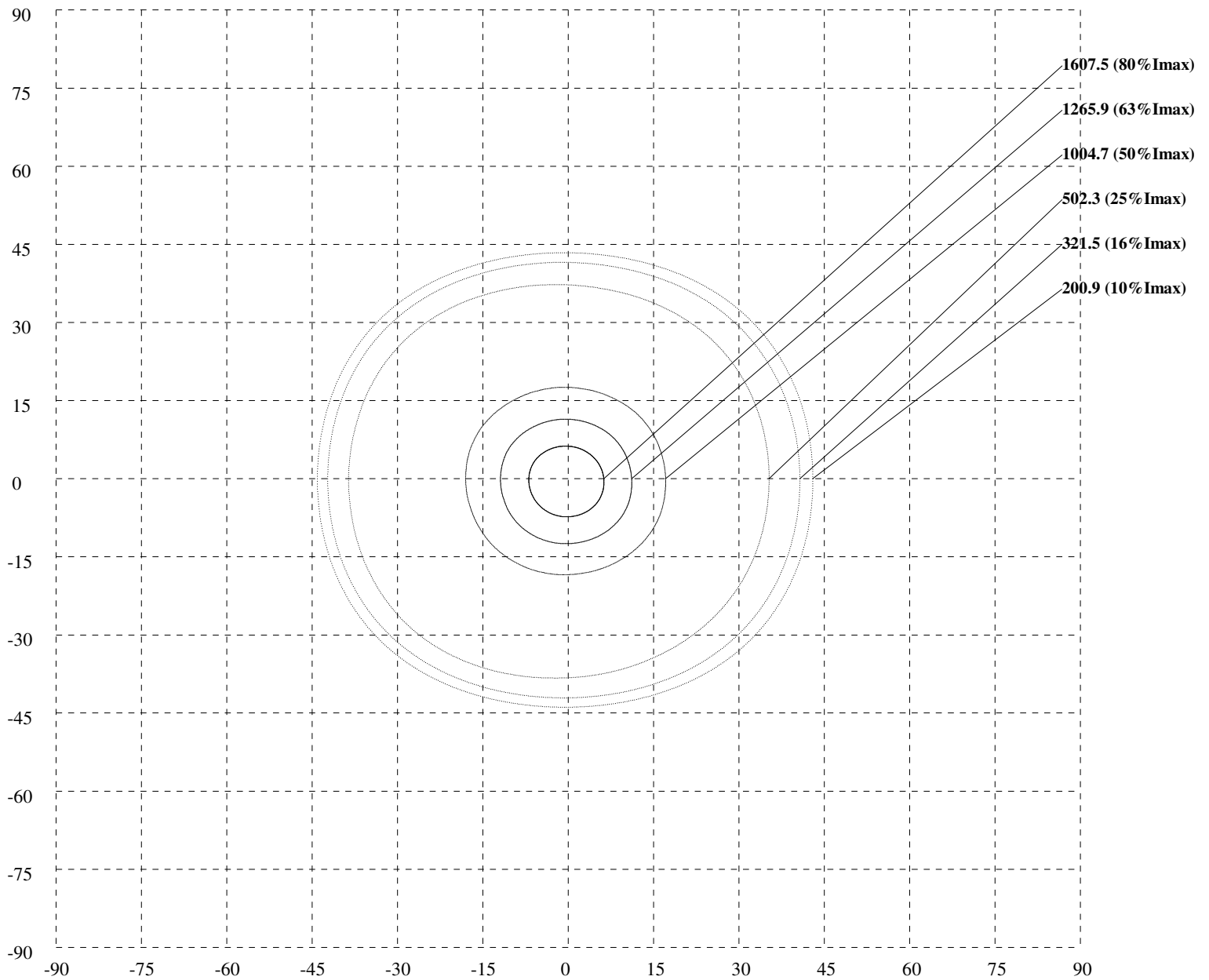
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	2009.38	0.00	0.00	0.00	0.00
5	1737.82	44.80	44.80	-4479.67	-4479.67
10	1355.53	110.66	155.46	-11065.91	-15545.59
15	1105.30	145.98	301.43	-14597.53	-30143.12
20	927.56	167.54	468.97	-16753.65	-46896.77
25	787.73	179.90	648.87	-17990.20	-64886.95
30	668.00	184.22	833.09	-18422.40	-83309.35
35	561.44	181.04	1014.14	-18104.48	-101413.81
40	428.18	165.11	1179.25	-16511.09	-117924.89
45	114.48	100.48	1279.73	-10047.77	-127972.69
50	27.73	28.74	1308.46	-2873.65	-130846.29
55	9.70	8.14	1316.60	-813.85	-131660.13
60	3.07	2.95	1319.55	-295.01	-131955.16
65	1.40	1.08	1320.64	-108.48	-132063.64
70	1.19	0.65	1321.29	-65.37	-132129.00
75	1.01	0.58	1321.87	-57.51	-132186.62
80	0.90	0.51	1322.38	-51.12	-132237.60
85	0.79	0.46	1322.84	-45.77	-132283.50
90	0.69	0.40	1323.24	-40.49	-132323.95

ILSUNG
Coefficient Utilization Curve SFK8-20-827-HC

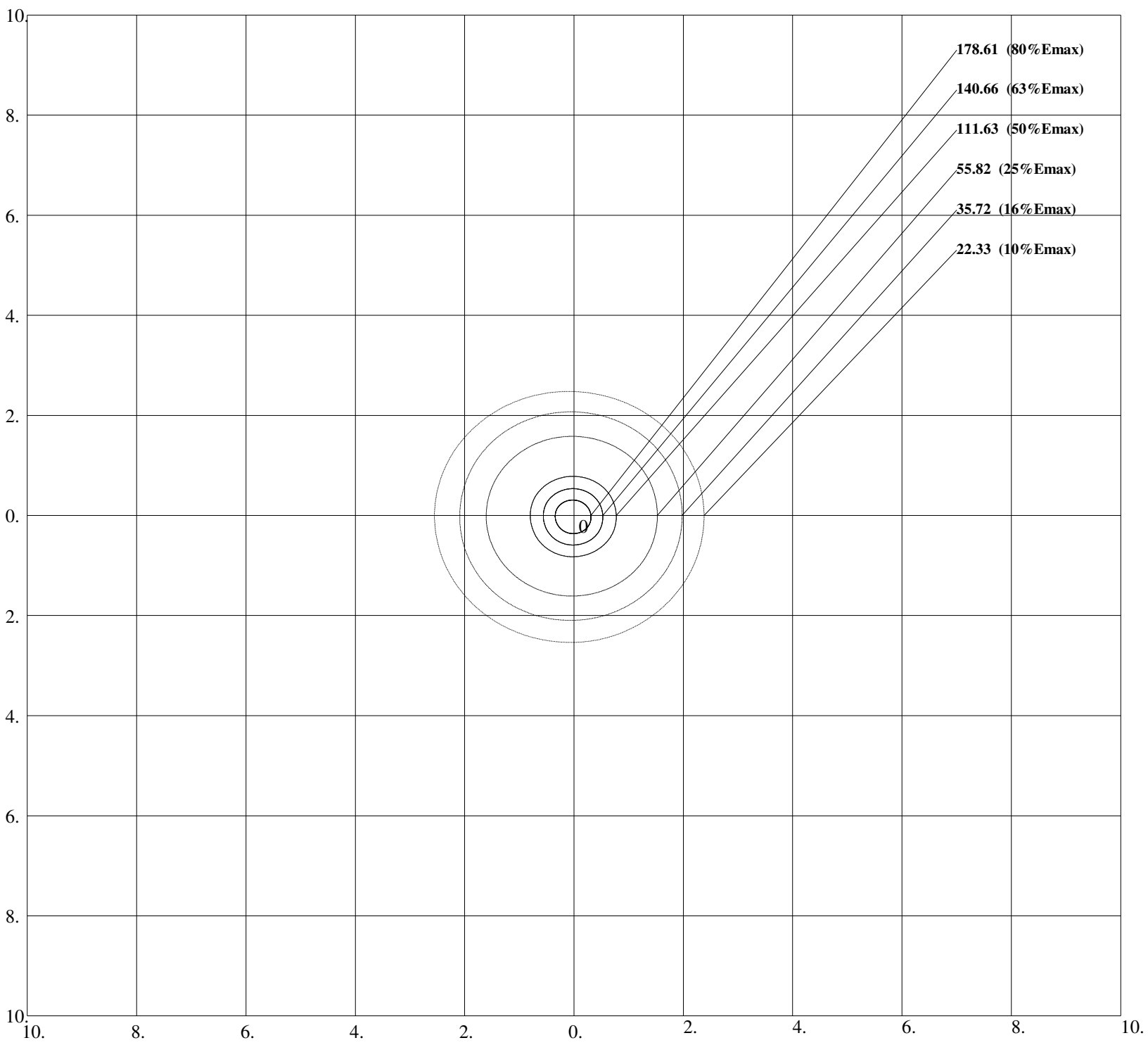


Light Distribution Curve[Unit: cd]





Iso-Lux [Unit :lx]SFK8-20-827-HC



Units: lx
Height: 3 m
Max Illuminance : 223.26lx

ILSUNG
Lux-Distance Curve

