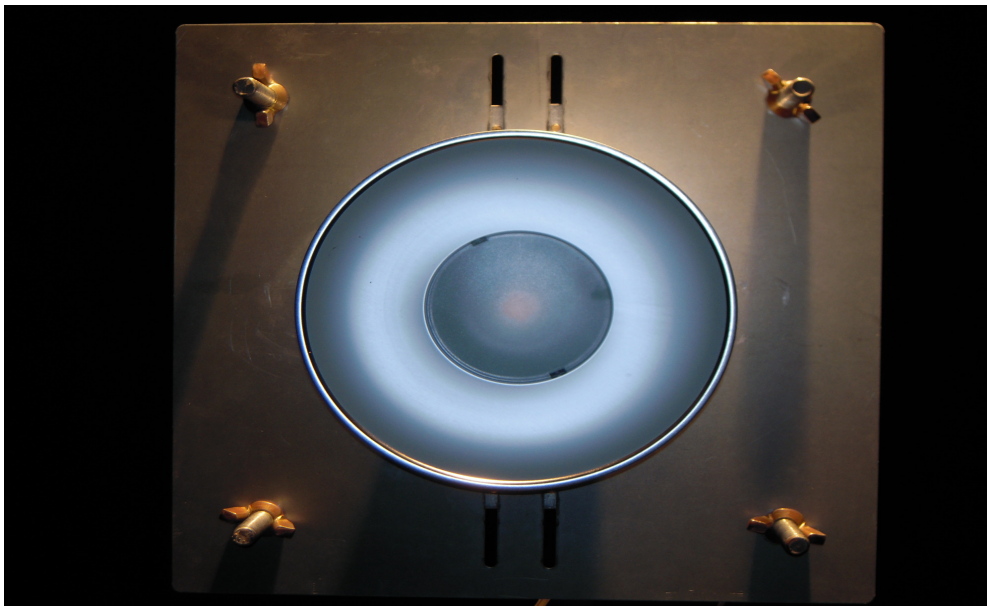


Test Report of Luminaire

Report No.:

Luminaire Type	SFK8-40-830-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2914K, CRI: 80.8Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.333
Power:	39.5	Power Factor	0.987
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	2609.76 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	4013.85cd	Central Intensity	4013.85cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-260975.8%		
50%Imax Beam Width	C0_180[15.2 , -19.6] C90_270[17.3 , -17.9]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] SFK8-40-830-HC

C\G	0	5	10	15	20	25	30	35	40	45
0	4013.9	3122.6	2439.0	2022.1	1707.4	1451.3	1232.0	1027.4	534.1	106.6
5	4013.9	3118.6	2436.7	2020.4	1704.3	1449.3	1227.4	1021.4	528.4	107.0
10	4013.9	3112.0	2436.4	2019.4	1702.7	1448.0	1226.7	1014.1	532.4	109.8
15	4013.9	3112.3	2437.0	2018.4	1704.3	1447.7	1227.7	1011.4	545.1	116.8
20	4013.9	3114.6	2441.0	2019.4	1705.3	1449.3	1224.7	1009.1	555.4	119.9
25	4013.9	3118.6	2445.7	2023.5	1707.0	1450.7	1223.7	1005.4	564.1	123.3
30	4013.9	3126.3	2452.7	2027.8	1710.4	1451.7	1223.4	1004.0	573.5	127.5
35	4013.9	3135.3	2461.7	2032.1	1715.0	1455.7	1224.0	1003.7	585.8	132.2
40	4013.9	3145.7	2472.1	2040.8	1718.7	1454.7	1222.7	1002.4	599.5	136.6
45	4013.9	3160.4	2483.8	2049.8	1723.4	1457.3	1221.3	1002.7	615.8	141.7
50	4013.9	3178.0	2500.8	2059.5	1728.4	1460.3	1222.3	1003.7	633.5	147.0
55	4013.9	3194.4	2519.5	2068.5	1734.4	1463.0	1223.7	1003.7	651.6	152.3
60	4013.9	3215.1	2536.2	2080.5	1739.4	1469.4	1224.7	1005.7	670.6	158.6
65	4013.9	3240.1	2557.2	2093.9	1748.4	1470.7	1227.4	1009.4	689.6	164.8
70	4013.9	3265.8	2577.5	2108.6	1757.4	1476.7	1231.7	1012.4	708.6	171.5
75	4013.9	3293.2	2599.2	2122.9	1766.8	1481.7	1236.7	1017.1	727.0	178.6
80	4013.9	3321.2	2622.9	2140.3	1779.4	1490.4	1243.0	1022.1	743.4	186.3
85	4013.9	3350.9	2649.3	2157.6	1790.8	1500.7	1249.4	1026.1	759.4	195.0
90	4013.9	3381.7	2676.4	2176.3	1804.5	1511.1	1258.1	1031.8	774.4	204.0
95	4013.9	3413.4	2703.4	2196.7	1819.8	1522.4	1268.1	1037.4	787.8	214.2
100	4013.9	3445.4	2731.4	2216.4	1835.2	1535.8	1276.4	1043.4	799.4	225.0
105	4013.9	3482.1	2759.1	2235.7	1850.2	1549.1	1287.1	1050.4	811.1	236.4
110	4013.9	3517.2	2787.8	2259.1	1868.2	1563.8	1298.5	1058.1	822.1	249.0
115	4013.9	3553.6	2817.9	2279.5	1885.3	1576.5	1309.1	1066.1	831.1	262.0
120	4013.9	3590.9	2849.9	2298.8	1903.3	1589.5	1320.5	1075.1	840.5	276.4
125	4013.9	3625.7	2878.0	2319.5	1918.0	1602.2	1331.8	1083.8	848.8	290.1
130	4013.9	3663.4	2905.3	2336.9	1933.7	1613.9	1342.2	1093.5	858.2	304.3
135	4013.9	3699.1	2931.7	2352.2	1945.0	1623.9	1352.5	1102.9	867.9	317.1
140	4013.9	3733.5	2953.1	2364.9	1954.0	1633.9	1362.5	1112.5	877.5	330.0
145	4013.9	3768.5	2973.4	2373.9	1960.7	1640.3	1369.6	1122.5	886.6	341.1
150	4013.9	3798.2	2988.4	2380.9	1966.7	1646.3	1378.2	1129.9	893.6	351.1
155	4013.9	3826.3	3001.8	2385.3	1970.0	1653.3	1384.6	1136.2	900.9	360.2
160	4013.9	3851.0	3010.5	2387.3	1973.7	1656.9	1390.6	1143.2	908.9	367.1
165	4013.9	3869.3	3016.5	2388.0	1974.7	1660.3	1395.6	1149.9	916.6	373.8
170	4013.9	3887.7	3020.2	2388.3	1976.4	1664.0	1400.6	1157.9	925.3	378.2
175	4013.9	3900.4	3020.5	2386.3	1974.1	1665.0	1403.9	1164.3	935.3	382.3
180	4013.9	3910.1	3020.2	2384.6	1972.4	1665.0	1407.3	1171.3	943.6	384.8
185	4013.9	3915.7	3017.5	2379.6	1971.0	1665.0	1407.6	1176.6	953.6	385.0
190	4013.9	3916.7	3012.8	2376.6	1969.4	1662.6	1409.6	1182.0	962.0	384.7
195	4013.9	3923.1	3018.2	2383.9	1972.0	1664.6	1409.3	1198.3	991.7	382.3
200	4013.9	3921.1	3009.8	2378.3	1969.4	1668.0	1422.3	1204.3	997.0	439.3
205	4013.9	3911.4	3000.5	2371.6	1965.0	1664.6	1422.0	1208.3	1000.4	430.8
210	4013.9	3899.7	2987.8	2363.3	1961.0	1660.6	1420.3	1208.3	1003.7	419.2
215	4013.9	3886.0	2975.8	2356.6	1955.0	1655.9	1418.0	1209.7	1006.1	405.8
220	4013.9	3868.0	2960.7	2347.9	1947.7	1651.3	1415.9	1208.7	1007.7	389.7
225	4013.9	3848.6	2945.4	2339.9	1941.0	1646.9	1411.9	1208.0	1008.1	371.9
230	4013.9	3824.6	2930.0	2327.5	1931.3	1641.9	1408.3	1205.7	1006.4	352.7
235	4013.9	3800.6	2913.0	2315.5	1923.6	1634.9	1403.6	1203.3	1003.0	332.9

Photometric Data Table [Unit:cd] SFK8-40-830-HC

240	4013.9	3774.9	2894.7	2302.2	1913.0	1628.2	1396.9	1201.0	998.4	313.5
245	4013.9	3743.8	2873.3	2289.5	1905.3	1620.9	1390.9	1198.0	992.0	293.5
250	4013.9	3710.8	2850.6	2276.5	1895.3	1612.9	1384.9	1194.3	984.0	275.3
255	4013.9	3676.7	2826.6	2262.1	1883.6	1604.9	1380.2	1190.3	976.3	256.0
260	4013.9	3643.3	2800.9	2248.8	1874.9	1597.2	1372.9	1188.0	965.7	239.3
265	4013.9	3607.0	2776.8	2232.4	1862.6	1590.2	1368.6	1185.6	951.6	223.4
270	4013.9	3569.2	2752.1	2216.4	1852.6	1581.8	1363.2	1182.6	934.3	208.4
275	4013.9	3534.2	2727.8	2201.7	1844.2	1574.5	1360.2	1177.3	913.6	194.6
280	4013.9	3497.8	2704.1	2188.0	1834.2	1565.5	1355.2	1171.6	891.9	181.9
285	4013.9	3461.4	2679.4	2172.3	1823.2	1559.1	1350.2	1168.3	868.9	171.1
290	4013.9	3426.1	2656.3	2158.3	1813.5	1551.8	1346.9	1162.9	845.2	161.1
295	4013.9	3393.3	2632.0	2145.0	1803.1	1542.1	1340.8	1158.3	820.1	152.6
300	4013.9	3360.6	2611.6	2130.9	1796.1	1535.4	1336.2	1151.3	794.4	144.7
305	4013.9	3329.9	2590.6	2118.2	1786.8	1528.8	1329.2	1142.6	767.4	137.9
310	4013.9	3301.5	2570.5	2107.6	1778.8	1520.4	1319.1	1129.2	740.4	132.1
315	4013.9	3274.2	2549.8	2096.2	1770.4	1513.8	1310.1	1118.5	713.3	126.6
320	4013.9	3248.8	2532.2	2084.9	1762.8	1508.7	1301.1	1105.9	685.9	122.2
325	4013.9	3225.8	2514.8	2073.5	1754.4	1502.1	1290.8	1095.2	661.6	118.0
330	4013.9	3203.1	2499.8	2064.2	1743.4	1493.7	1281.4	1084.5	635.5	114.7
335	4013.9	3183.7	2484.8	2050.8	1738.7	1486.7	1270.4	1075.8	612.2	111.9
340	4013.9	3164.7	2473.7	2043.5	1731.1	1479.4	1262.1	1064.8	591.8	109.6
345	4013.9	3150.7	2462.1	2035.1	1724.0	1470.7	1252.4	1055.5	573.8	108.1
350	4013.9	3137.3	2451.4	2029.8	1717.4	1464.7	1246.4	1046.1	558.1	106.8
355	4013.9	3126.0	2442.7	2024.1	1711.7	1457.3	1236.7	1037.1	545.1	106.4
360	4013.9	3122.6	2439.0	2022.1	1707.4	1451.3	1232.0	1027.4	534.1	106.6

C\G	50	55	60	65	70	75	80	85	90
0	33.6	12.2	2.1	1.6	1.3	1.1	0.9	0.8	0.7
5	33.6	12.3	2.0	1.6	1.3	1.1	0.9	0.8	0.7
10	34.0	12.5	2.0	1.7	1.3	1.1	0.9	0.8	0.7
15	36.0	13.3	2.1	1.7	1.4	1.1	0.9	0.8	0.7
20	36.9	13.6	2.2	1.6	1.4	1.2	0.9	0.8	0.7
25	37.8	13.8	2.3	1.7	1.4	1.2	1.0	0.8	0.7
30	38.6	14.2	2.6	1.7	1.4	1.2	1.0	0.8	0.7
35	39.7	14.5	2.9	1.7	1.4	1.2	1.0	0.8	0.7
40	40.6	14.7	3.2	1.7	1.4	1.2	1.0	0.8	0.7
45	41.7	15.1	3.5	1.7	1.4	1.2	1.0	0.8	0.7
50	42.8	15.4	3.7	1.8	1.4	1.2	1.0	0.8	0.7
55	43.9	15.7	3.9	1.8	1.4	1.2	1.0	0.8	0.7
60	45.2	16.1	4.1	1.8	1.4	1.2	1.0	0.8	0.7
65	46.5	16.5	4.3	1.8	1.5	1.2	1.0	0.8	0.7
70	47.9	16.9	4.5	1.8	1.5	1.2	1.0	0.9	0.7
75	49.6	17.3	4.7	1.9	1.5	1.2	1.0	0.9	0.7
80	51.2	17.8	4.9	1.9	1.6	1.3	1.0	0.9	0.7
85	52.9	18.4	5.2	2.0	1.6	1.3	1.1	0.9	0.7
90	54.9	18.9	5.5	2.0	1.6	1.3	1.1	0.9	0.7
95	56.8	19.5	5.7	2.1	1.7	1.4	1.1	0.9	0.7
100	59.0	20.0	6.0	2.2	1.7	1.4	1.1	0.9	0.7

Photometric Data Table [Unit:cd] SFK8-40-830-HC

105	61.1	20.7	6.2	2.3	1.8	1.4	1.2	0.9	0.7
110	63.3	21.3	6.5	2.3	1.9	1.5	1.2	1.0	0.7
115	65.6	21.9	6.7	2.4	1.9	1.5	1.2	1.0	0.7
120	67.8	22.4	6.9	2.5	1.9	1.6	1.2	1.0	0.7
125	70.0	23.0	7.1	2.5	1.9	1.6	1.3	1.0	0.7
130	71.9	23.4	7.2	2.5	1.9	1.6	1.2	1.0	0.7
135	73.8	23.8	7.3	2.5	2.0	1.6	1.3	1.0	0.7
140	75.4	24.2	7.3	2.5	1.9	1.5	1.2	1.0	0.7
145	76.8	24.4	7.3	2.4	1.9	1.5	1.2	1.0	0.7
150	78.1	24.5	7.3	2.3	1.8	1.5	1.2	1.0	0.8
155	78.9	24.7	7.3	2.3	1.8	1.5	1.2	0.9	0.8
160	79.8	24.7	7.2	2.2	1.8	1.4	1.2	0.9	0.7
165	80.0	24.7	7.1	2.2	1.7	1.4	1.1	0.9	0.7
170	80.2	24.7	7.1	2.1	1.7	1.4	1.1	0.9	0.8
175	80.0	24.5	7.0	2.1	1.6	1.3	1.1	0.9	0.8
180	79.3	24.3	6.9	2.0	1.6	1.3	1.1	0.9	0.8
185	78.6	24.0	6.8	2.0	1.6	1.3	1.1	0.9	0.8
190	77.4	23.7	6.7	2.0	1.6	1.3	1.1	0.9	0.7
195	76.3	23.4	6.6	1.9	1.5	1.3	1.1	0.9	0.7
200	85.4	25.4	7.4	1.9	1.5	1.3	1.1	0.9	0.8
205	83.2	24.9	7.2	1.9	1.5	1.3	1.1	0.9	0.8
210	80.5	24.3	7.0	1.9	1.5	1.3	1.1	0.9	0.8
215	77.8	23.7	6.8	1.9	1.5	1.2	1.0	0.9	0.7
220	74.7	23.0	6.5	1.9	1.5	1.2	1.0	0.9	0.7
225	71.8	22.3	6.3	1.8	1.5	1.2	1.0	0.9	0.7
230	68.7	21.7	6.0	1.8	1.5	1.2	1.0	0.9	0.7
235	65.7	20.9	5.8	1.8	1.5	1.2	1.0	0.9	0.7
240	62.8	20.2	5.6	1.8	1.5	1.2	1.0	0.9	0.7
245	59.9	19.5	5.3	1.8	1.4	1.2	1.0	0.8	0.7
250	57.3	18.8	5.1	1.8	1.5	1.2	1.0	0.9	0.7
255	54.8	18.2	4.9	1.8	1.4	1.2	1.0	0.9	0.7
260	52.5	17.6	4.8	1.8	1.5	1.2	1.0	0.8	0.7
265	50.3	17.1	4.6	1.8	1.4	1.2	1.0	0.8	0.7
270	48.4	16.6	4.4	1.8	1.5	1.2	1.0	0.8	0.7
275	46.6	16.2	4.2	1.9	1.5	1.2	1.0	0.9	0.7
280	45.0	15.8	4.0	1.9	1.5	1.2	1.0	0.9	0.7
285	43.6	15.5	3.9	1.9	1.5	1.3	1.0	0.9	0.7
290	42.3	15.1	3.7	2.0	1.6	1.3	1.0	0.8	0.7
295	41.2	14.9	3.5	2.0	1.6	1.3	1.0	0.8	0.7
300	40.0	14.6	3.3	2.0	1.6	1.3	1.0	0.8	0.7
305	39.0	14.3	3.0	2.0	1.6	1.3	1.0	0.8	0.7
310	38.2	14.0	2.7	2.0	1.6	1.3	1.0	0.8	0.7
315	37.2	13.7	2.5	2.0	1.6	1.3	1.0	0.8	0.7
320	36.5	13.4	2.5	1.9	1.5	1.3	1.0	0.8	0.7
325	35.7	13.1	2.4	1.8	1.5	1.2	1.0	0.8	0.7
330	35.1	12.9	2.3	1.8	1.5	1.2	1.0	0.8	0.7
335	34.6	12.6	2.3	1.8	1.4	1.2	1.0	0.8	0.7
340	34.2	12.4	2.2	1.7	1.4	1.2	1.0	0.8	0.7
345	33.8	12.3	2.1	1.7	1.4	1.2	1.0	0.8	0.7

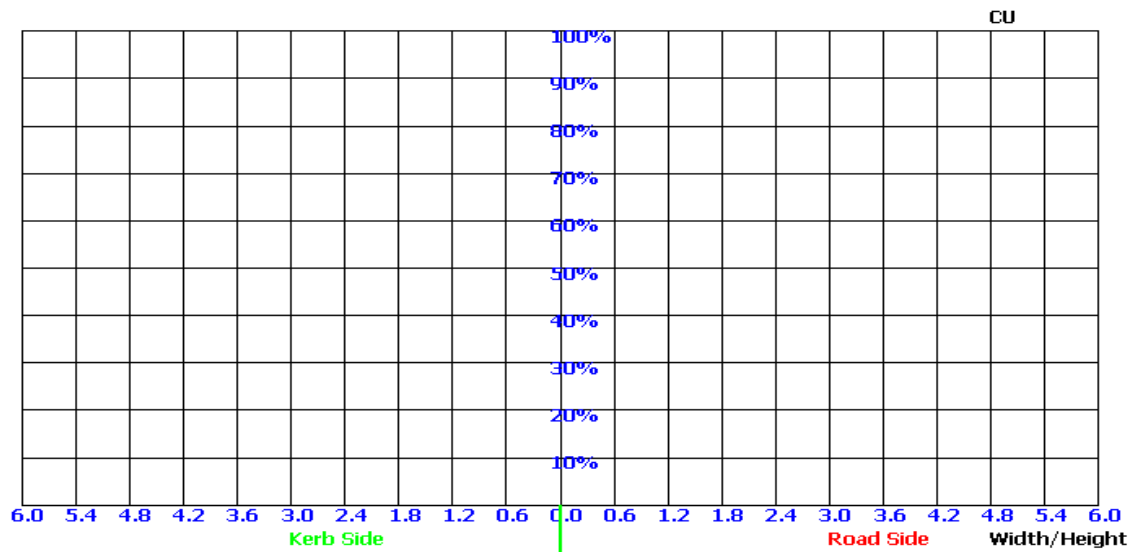
Photometric Data Table [Unit:cd] SFK8-40-830-HC

350	33.6	12.2	2.1	1.7	1.4	1.2	0.9	0.8	0.7
355	33.5	12.2	2.1	1.7	1.4	1.1	0.9	0.8	0.7
360	33.6	12.2	2.1	1.6	1.3	1.1	0.9	0.8	0.7

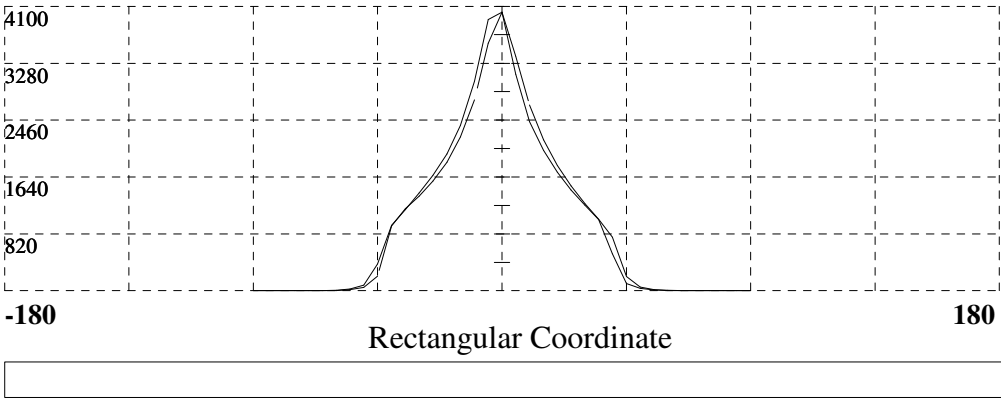
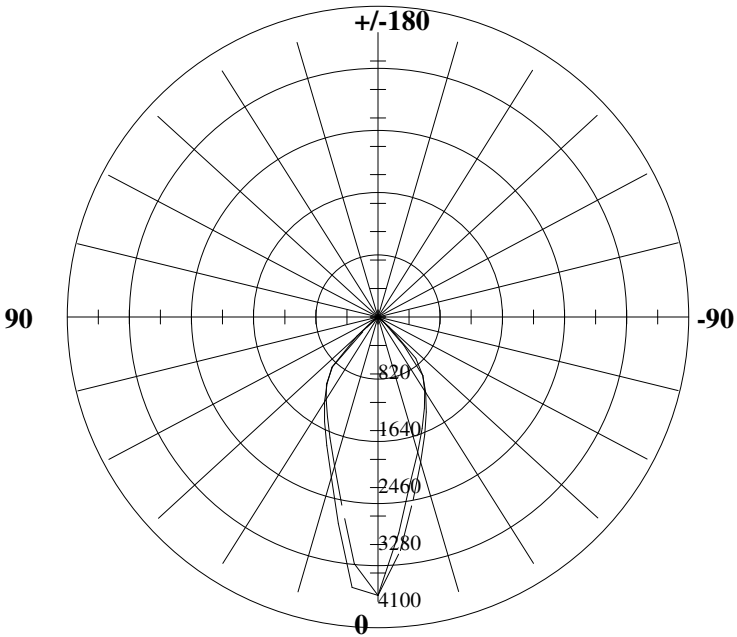
Zonal FluxSFK8-40-830-HC

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	4013.85	0.00	0.00	0.00	0.00
5	3495.87	89.78	89.78	-8977.67	-8977.67
10	2725.61	222.56	312.34	-22256.21	-31233.88
15	2204.30	292.44	604.78	-29243.86	-60477.74
20	1839.68	333.28	938.06	-33328.03	-93805.78
25	1557.07	356.26	1294.31	-35625.65	-129431.43
30	1320.07	364.10	1658.42	-36410.48	-165841.88
35	1105.97	357.25	2015.67	-35725.19	-201567.05
40	800.12	318.02	2333.69	-31801.71	-233368.87
45	233.70	191.42	2525.11	-19142.05	-252510.89
50	55.29	58.40	2583.51	-5839.59	-258350.49
55	18.41	16.03	2599.53	-1602.63	-259953.10
60	4.81	5.37	2604.90	-536.85	-260489.92
65	1.95	1.64	2606.54	-164.38	-260654.25
70	1.56	0.89	2607.43	-88.85	-260743.14
75	1.28	0.74	2608.17	-74.29	-260817.33
80	1.05	0.62	2608.80	-62.42	-260880.03
85	0.87	0.52	2609.32	-52.15	-260932.23
90	0.73	0.44	2609.76	-43.67	-260975.88

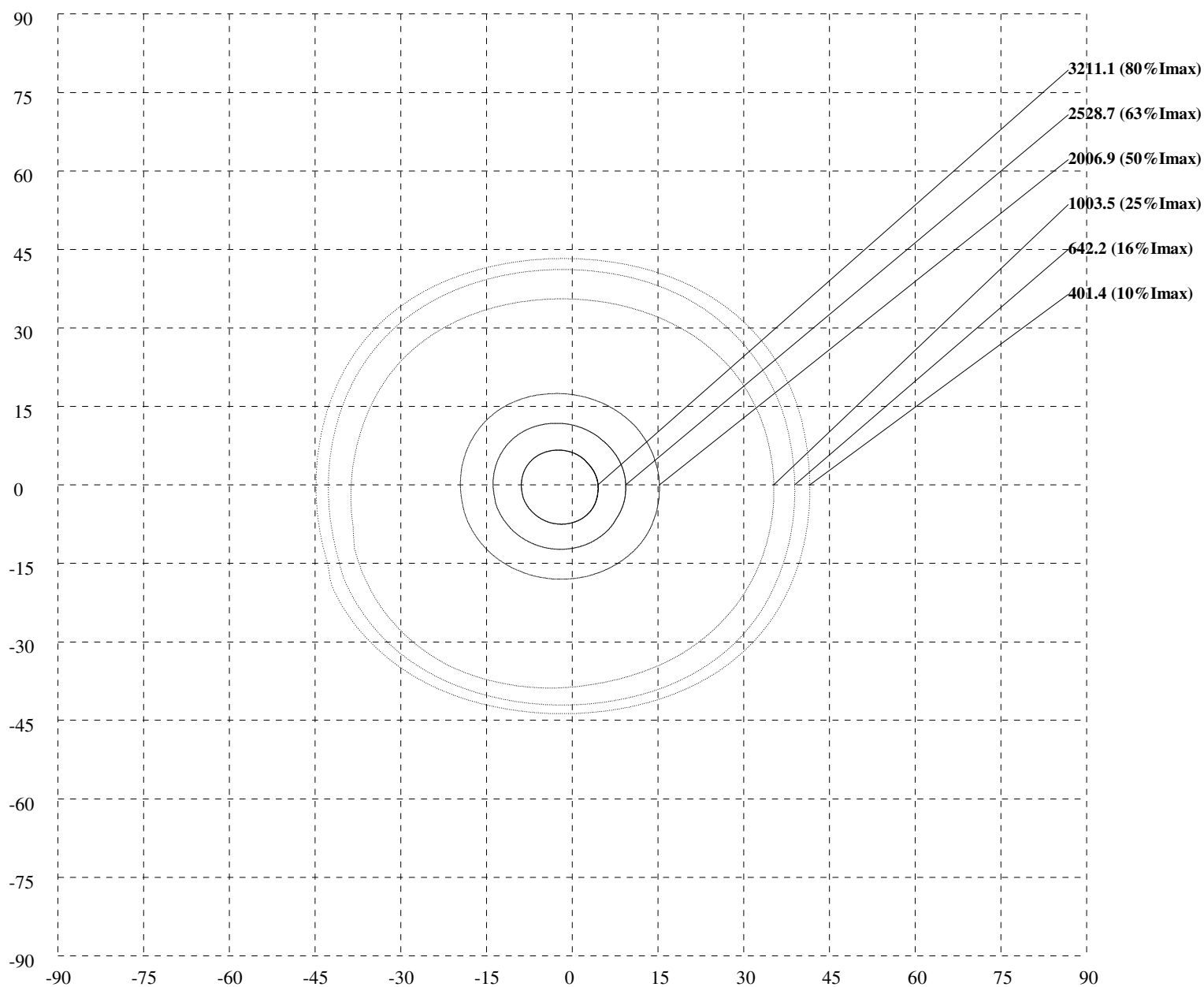
ILSUNG
Coefficient Utilization Curve SFK8-40-830-HC



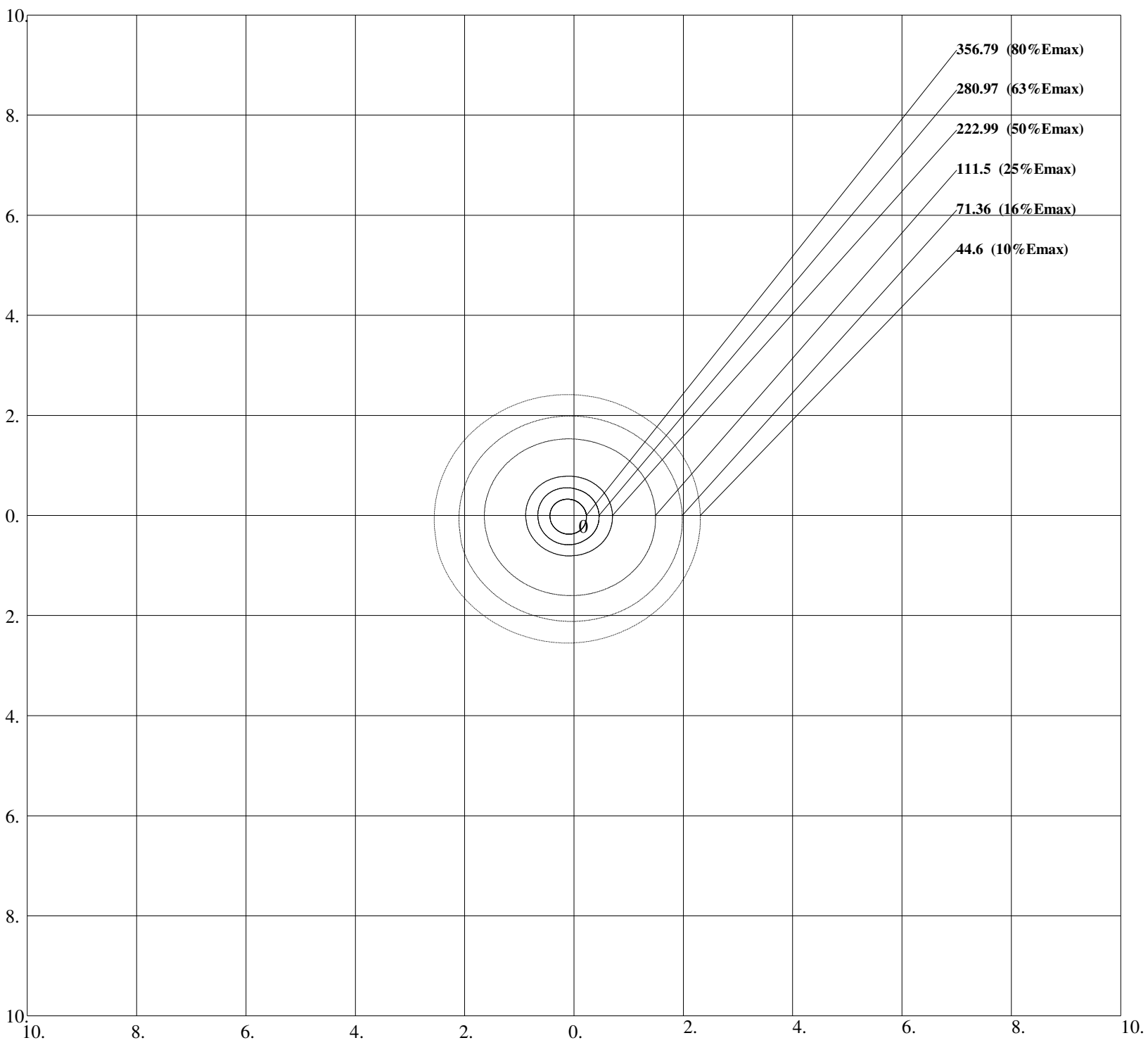
Light Distribution Curve[Unit: cd]



ISO-Candela V-H [Unit :cd]SFK8-40-830-HC



Iso-Lux [Unit :lx]SFK8-40-830-HC



Units: lx
Height: 3 m
Max Illuminance : 445.98lx

ILSUNG
Lux-Distance Curve

