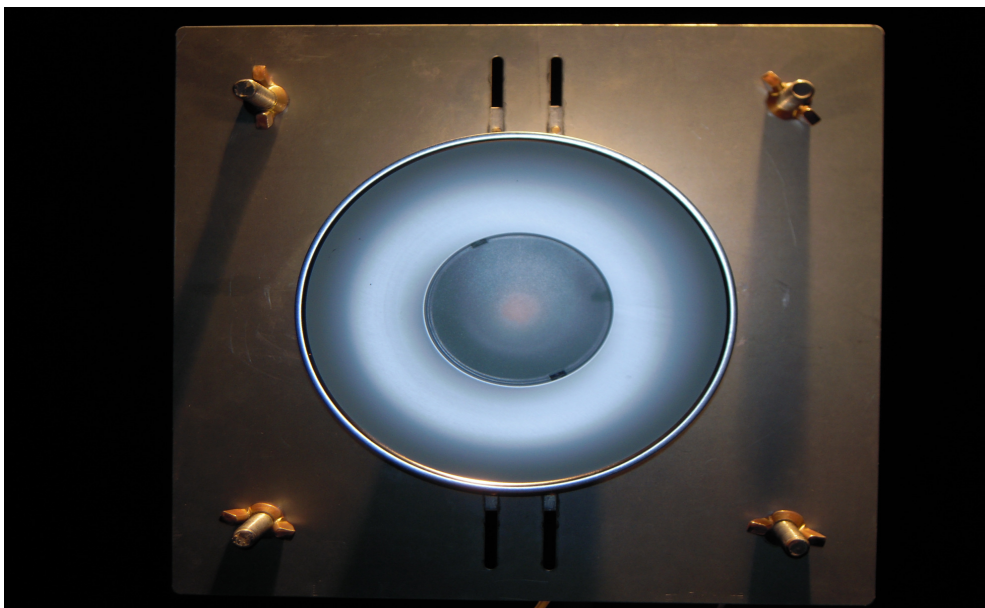


Test Report of Luminaire

Report No.:

Luminaire Type	SFK8-40-827-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2719K, CRI: 81.1
Luminaire Parameters:			
Voltage	120.1	Current	0.336
Power:	39.8	Power Factor	0.987
Frequency:	60Hz	Tc	2700K
Photometric Parameters			
Luminaire Flux	2566.00 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	4024.134cd	Central Intensity	4024.135cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-256599.9%		
50%Imax Beam Width	C0_180[16.2 , -17.6] C90_270[16.4 , -17.6]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] SFK8-40-827-HC

C\G	0	5	10	15	20	25	30	35	40	45
0	4024.1	3328.9	2563.2	2093.9	1762.1	1491.7	1259.4	1057.1	763.4	166.2
5	4024.1	3317.9	2556.5	2089.9	1759.8	1489.7	1258.1	1051.1	754.0	164.5
10	4024.1	3306.9	2550.5	2084.5	1752.7	1484.4	1255.1	1047.8	745.7	163.3
15	4024.1	3296.2	2543.5	2081.5	1748.4	1480.4	1254.7	1045.1	737.3	162.0
20	4024.1	3286.2	2540.2	2076.9	1746.4	1478.7	1252.7	1042.8	732.0	161.3
25	4024.1	3279.2	2536.8	2074.2	1741.4	1477.0	1253.4	1040.8	727.0	160.9
30	4024.1	3272.8	2534.5	2069.8	1739.1	1475.0	1252.1	1039.1	723.0	160.6
35	4024.1	3266.8	2535.5	2070.5	1738.1	1473.4	1250.7	1037.8	718.7	160.9
40	4024.1	3265.5	2534.5	2068.5	1736.4	1471.7	1249.1	1035.8	716.3	160.9
45	4024.1	3264.5	2538.2	2069.5	1733.4	1469.7	1247.4	1032.1	714.7	161.6
50	4024.1	3266.2	2540.8	2069.5	1730.7	1467.4	1245.7	1030.1	713.6	162.0
55	4024.1	3269.5	2546.5	2071.9	1729.7	1467.0	1242.7	1027.7	714.0	162.9
60	4024.1	3273.8	2552.2	2076.2	1729.0	1467.0	1240.0	1026.7	715.3	164.0
65	4024.1	3280.9	2558.9	2080.9	1730.7	1465.7	1239.4	1025.7	718.0	165.2
70	4024.1	3288.5	2565.9	2084.2	1732.1	1466.7	1239.0	1024.7	721.3	167.2
75	4024.1	3299.5	2575.9	2089.5	1733.4	1466.0	1238.7	1026.7	725.7	169.1
80	4024.1	3312.2	2585.6	2098.9	1742.4	1469.7	1240.0	1026.7	731.3	172.0
85	4024.1	3324.9	2595.2	2105.6	1745.4	1473.4	1242.7	1028.4	738.3	175.1
90	4024.1	3338.3	2607.3	2111.6	1751.4	1478.4	1246.7	1030.1	745.4	179.1
95	4024.1	3353.3	2616.9	2121.6	1760.4	1484.0	1250.7	1033.8	752.4	183.4
100	4024.1	3369.3	2629.3	2133.3	1767.8	1490.1	1256.1	1035.1	759.0	187.8
105	4024.1	3387.0	2641.6	2141.6	1775.8	1496.4	1261.4	1038.8	765.7	193.2
110	4024.1	3402.4	2655.7	2151.0	1785.8	1503.1	1266.1	1043.8	772.7	199.4
115	4024.1	3418.7	2667.7	2162.0	1795.5	1510.4	1271.4	1046.4	779.1	205.3
120	4024.1	3439.7	2682.4	2171.3	1804.5	1516.8	1276.4	1050.1	784.4	211.4
125	4024.1	3455.1	2693.0	2181.0	1811.5	1522.1	1280.4	1054.5	791.4	217.9
130	4024.1	3474.5	2702.1	2188.3	1818.8	1529.4	1285.1	1059.8	797.8	223.8
135	4024.1	3493.5	2710.7	2193.4	1824.2	1535.4	1290.1	1062.1	803.4	229.9
140	4024.1	3508.8	2718.7	2197.7	1827.2	1540.1	1293.4	1066.5	809.1	235.7
145	4024.1	3523.2	2725.1	2199.4	1829.9	1543.5	1297.1	1069.8	814.1	241.1
150	4024.1	3535.9	2728.8	2201.4	1831.9	1545.8	1300.8	1073.5	818.1	246.4
155	4024.1	3547.9	2731.8	2202.4	1833.9	1548.8	1303.8	1075.8	821.8	251.0
160	4024.1	3559.6	2733.4	2201.7	1834.5	1551.1	1307.8	1077.1	826.5	255.6
165	4024.1	3567.2	2734.4	2201.7	1834.2	1552.1	1310.1	1082.2	831.8	259.1
170	4024.1	3576.3	2735.4	2200.4	1835.5	1553.8	1313.5	1086.2	839.2	262.7
175	4024.1	3585.9	2735.1	2199.0	1833.9	1554.5	1314.8	1091.2	845.2	265.7
180	4024.1	3591.3	2734.4	2199.4	1832.9	1554.5	1318.1	1096.2	852.8	267.6
185	4024.1	3599.0	2736.1	2199.0	1834.9	1555.5	1319.8	1100.8	861.2	269.6
190	4024.1	3603.3	2736.8	2199.7	1833.2	1554.8	1321.2	1104.9	869.9	271.4
195	4024.1	3608.6	2738.4	2198.7	1834.9	1555.5	1323.2	1110.2	876.9	272.6
200	4024.1	3614.0	2740.8	2201.0	1836.5	1555.1	1325.5	1113.9	884.2	273.5
205	4024.1	3615.3	2742.4	2201.7	1836.5	1555.5	1326.8	1117.9	891.6	274.4
210	4024.1	3622.0	2747.8	2204.0	1837.2	1556.1	1328.8	1122.2	898.6	274.6
215	4024.1	3625.7	2752.8	2205.7	1837.9	1555.8	1329.8	1124.5	904.9	274.4
220	4024.1	3631.0	2756.1	2209.7	1838.5	1555.5	1328.8	1128.6	911.6	273.8
225	4024.1	3632.7	2760.1	2210.4	1838.9	1556.8	1330.2	1129.9	915.9	271.7
230	4024.1	3637.7	2764.1	2213.4	1838.2	1557.5	1331.5	1133.2	919.6	269.4
235	4024.1	3641.0	2768.1	2213.0	1840.9	1559.5	1332.8	1134.6	921.9	266.7

Photometric Data Table [Unit:cd] SFK8-40-827-HC

240	4024.1	3642.0	2769.8	2214.0	1842.5	1559.8	1332.2	1136.2	923.3	263.6
245	4024.1	3644.4	2772.8	2213.0	1841.9	1559.8	1331.8	1136.2	923.9	260.0
250	4024.1	3642.3	2773.2	2214.4	1839.5	1560.5	1332.2	1136.9	924.6	257.0
255	4024.1	3640.7	2773.8	2213.7	1838.2	1559.5	1332.5	1137.9	925.6	252.7
260	4024.1	3633.3	2770.1	2210.0	1835.9	1558.5	1332.8	1140.6	927.3	249.0
265	4024.1	3627.3	2767.5	2208.0	1836.2	1557.8	1333.5	1141.2	928.9	244.4
270	4024.1	3619.7	2763.1	2205.4	1832.5	1556.5	1333.5	1142.9	930.9	240.3
275	4024.1	3607.6	2758.5	2203.7	1830.9	1555.8	1334.5	1141.9	930.9	235.4
280	4024.1	3596.3	2750.8	2199.7	1830.5	1554.5	1334.5	1140.9	930.3	230.9
285	4024.1	3582.6	2743.8	2195.4	1829.5	1552.8	1334.8	1141.6	927.6	226.5
290	4024.1	3566.9	2734.8	2192.4	1824.8	1552.5	1335.2	1140.2	925.3	221.6
295	4024.1	3551.2	2725.8	2187.0	1823.2	1549.8	1334.5	1139.6	921.3	217.1
300	4024.1	3532.9	2715.4	2180.7	1821.8	1547.1	1331.8	1138.2	914.3	212.2
305	4024.1	3515.5	2702.1	2174.7	1820.2	1545.8	1328.2	1133.6	905.6	207.8
310	4024.1	3495.8	2688.0	2167.0	1816.5	1543.5	1322.8	1128.2	894.2	203.1
315	4024.1	3477.5	2675.4	2161.3	1810.8	1539.5	1317.1	1118.2	883.2	198.2
320	4024.1	3459.1	2661.3	2153.6	1806.8	1536.1	1308.5	1111.9	871.2	193.9
325	4024.1	3438.7	2646.0	2145.3	1804.5	1531.8	1302.8	1103.2	858.8	189.2
330	4024.1	3420.4	2630.6	2136.9	1798.5	1527.4	1296.1	1095.8	845.5	185.3
335	4024.1	3402.7	2618.9	2128.9	1791.1	1521.8	1292.1	1089.5	830.8	181.2
340	4024.1	3385.0	2606.3	2118.6	1786.1	1516.8	1282.1	1083.2	816.1	177.5
345	4024.1	3368.0	2593.2	2110.6	1779.4	1511.7	1276.8	1077.1	802.1	174.2
350	4024.1	3351.9	2580.9	2106.2	1772.1	1504.1	1270.1	1070.1	788.8	171.2
355	4024.1	3336.6	2571.5	2097.2	1767.4	1498.7	1266.4	1064.1	775.1	168.8
360	4024.1	3328.9	2563.2	2093.9	1762.1	1491.7	1259.4	1057.1	763.4	166.2

C\G	50	55	60	65	70	75	80	85	90
0	45.2	16.8	4.2	1.7	1.4	1.2	1.0	0.8	0.7
5	45.0	16.7	4.1	1.7	1.4	1.2	1.0	0.8	0.7
10	44.7	16.6	4.1	1.7	1.4	1.2	1.0	0.8	0.7
15	44.6	16.4	4.1	1.7	1.4	1.2	1.0	0.8	0.7
20	44.6	16.3	4.0	1.7	1.4	1.1	1.0	0.8	0.7
25	44.6	16.3	4.0	1.7	1.4	1.2	1.0	0.8	0.7
30	44.7	16.2	4.1	1.7	1.4	1.2	1.0	0.8	0.7
35	44.7	16.2	4.1	1.7	1.4	1.2	1.0	0.8	0.7
40	44.8	16.1	4.1	1.7	1.4	1.2	1.0	0.8	0.7
45	44.9	16.0	4.0	1.7	1.4	1.2	1.0	0.8	0.7
50	45.0	15.9	4.0	1.7	1.4	1.2	1.0	0.8	0.7
55	45.2	15.9	4.0	1.7	1.4	1.2	1.0	0.8	0.7
60	45.3	15.9	4.1	1.8	1.5	1.2	1.0	0.8	0.7
65	45.6	15.9	4.1	1.8	1.4	1.2	1.0	0.8	0.7
70	45.8	15.9	4.1	1.8	1.5	1.2	1.0	0.8	0.7
75	46.1	16.0	4.2	1.8	1.5	1.2	1.0	0.8	0.7
80	46.5	16.1	4.2	1.8	1.5	1.3	1.0	0.8	0.7
85	47.0	16.2	4.4	1.9	1.5	1.2	1.0	0.8	0.7
90	47.6	16.4	4.5	2.0	1.6	1.3	1.0	0.9	0.7
95	48.3	16.6	4.7	2.0	1.6	1.3	1.1	0.9	0.7
100	48.9	16.8	4.9	2.1	1.7	1.3	1.1	0.9	0.7

Photometric Data Table [Unit:cd] SFK8-40-827-HC

105	49.7	17.0	5.0	2.1	1.7	1.4	1.1	0.9	0.7
110	50.5	17.2	5.1	2.2	1.8	1.4	1.1	0.9	0.7
115	51.3	17.5	5.2	2.2	1.8	1.4	1.2	0.9	0.7
120	52.1	17.7	5.3	2.3	1.8	1.5	1.2	0.9	0.7
125	52.8	17.9	5.4	2.3	1.8	1.5	1.2	0.9	0.7
130	53.5	18.0	5.4	2.3	1.8	1.5	1.2	0.9	0.7
135	54.1	18.2	5.4	2.3	1.8	1.5	1.2	0.9	0.7
140	54.6	18.2	5.4	2.2	1.8	1.4	1.2	0.9	0.7
145	55.2	18.3	5.3	2.2	1.7	1.4	1.2	0.9	0.7
150	55.7	18.3	5.3	2.1	1.7	1.4	1.1	0.9	0.7
155	56.2	18.3	5.2	2.1	1.7	1.3	1.1	0.9	0.7
160	56.6	18.4	5.2	2.0	1.6	1.3	1.1	0.9	0.7
165	57.0	18.4	5.1	2.0	1.6	1.3	1.1	0.9	0.7
170	57.2	18.4	5.1	2.0	1.6	1.3	1.0	0.9	0.7
175	57.5	18.5	5.0	1.9	1.5	1.3	1.0	0.9	0.7
180	57.6	18.5	5.0	1.9	1.5	1.2	1.0	0.8	0.7
185	57.6	18.5	5.0	1.9	1.5	1.2	1.0	0.9	0.7
190	57.7	18.5	5.0	1.9	1.5	1.2	1.0	0.9	0.7
195	57.7	18.4	5.0	1.8	1.5	1.2	1.0	0.9	0.7
200	57.8	18.5	5.0	1.8	1.5	1.2	1.0	0.9	0.7
205	57.8	18.4	5.0	1.8	1.5	1.2	1.0	0.8	0.7
210	57.7	18.4	5.0	1.8	1.5	1.2	1.0	0.9	0.7
215	57.7	18.4	5.0	1.8	1.4	1.2	1.0	0.9	0.7
220	57.6	18.4	5.0	1.8	1.5	1.2	1.0	0.9	0.7
225	57.3	18.4	5.0	1.8	1.4	1.2	1.0	0.8	0.7
230	57.2	18.4	5.0	1.8	1.5	1.2	1.0	0.9	0.7
235	56.9	18.4	5.0	1.8	1.4	1.2	1.0	0.9	0.7
240	56.6	18.3	5.0	1.8	1.5	1.2	1.0	0.8	0.7
245	56.2	18.3	5.0	1.8	1.4	1.2	1.0	0.9	0.7
250	55.8	18.3	5.0	1.8	1.5	1.2	1.0	0.9	0.7
255	55.5	18.3	5.0	1.8	1.5	1.2	1.0	0.9	0.7
260	55.1	18.4	5.1	1.8	1.5	1.2	1.0	0.9	0.7
265	54.7	18.4	5.1	1.9	1.5	1.3	1.0	0.9	0.7
270	54.3	18.5	5.1	1.9	1.5	1.2	1.0	0.9	0.7
275	53.9	18.6	5.2	2.0	1.5	1.3	1.1	0.9	0.7
280	53.6	18.6	5.2	2.0	1.6	1.3	1.1	0.9	0.7
285	53.1	18.7	5.3	2.0	1.6	1.3	1.1	0.9	0.7
290	52.8	18.8	5.3	2.1	1.6	1.4	1.1	0.9	0.7
295	52.3	18.8	5.3	2.1	1.7	1.4	1.1	0.9	0.7
300	51.9	18.8	5.3	2.1	1.7	1.4	1.1	0.9	0.7
305	51.3	18.8	5.3	2.1	1.7	1.4	1.1	0.9	0.7
310	50.8	18.6	5.3	2.1	1.7	1.4	1.1	0.9	0.7
315	50.2	18.5	5.2	2.1	1.7	1.3	1.1	0.9	0.7
320	49.5	18.3	5.1	2.0	1.6	1.3	1.1	0.9	0.7
325	48.9	18.1	5.0	2.0	1.6	1.3	1.1	0.9	0.7
330	48.2	17.9	4.9	1.9	1.5	1.3	1.1	0.9	0.7
335	47.6	17.7	4.8	1.9	1.5	1.3	1.0	0.9	0.7
340	47.0	17.4	4.6	1.8	1.5	1.2	1.0	0.8	0.7
345	46.4	17.2	4.5	1.8	1.5	1.2	1.0	0.8	0.7

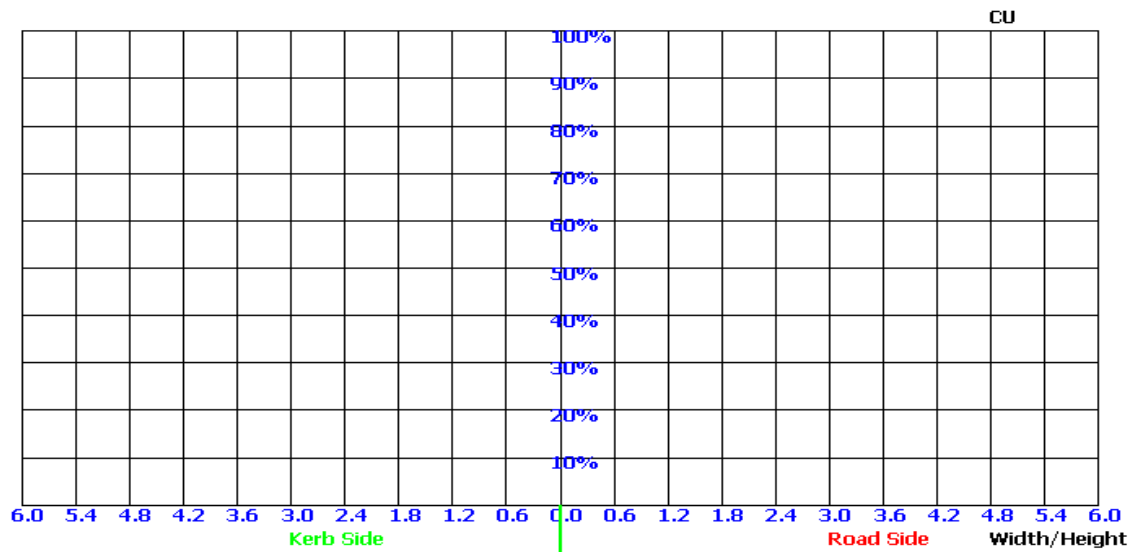
Photometric Data Table [Unit:cd] SFK8-40-827-HC

350	45.9	17.1	4.3	1.8	1.4	1.2	1.0	0.8	0.7
355	45.6	16.9	4.2	1.7	1.4	1.2	1.0	0.8	0.7
360	45.2	16.8	4.2	1.7	1.4	1.2	1.0	0.8	0.7

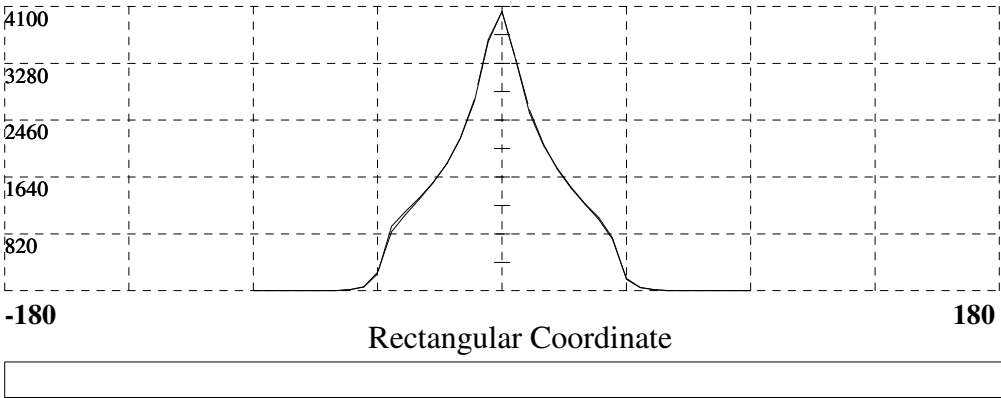
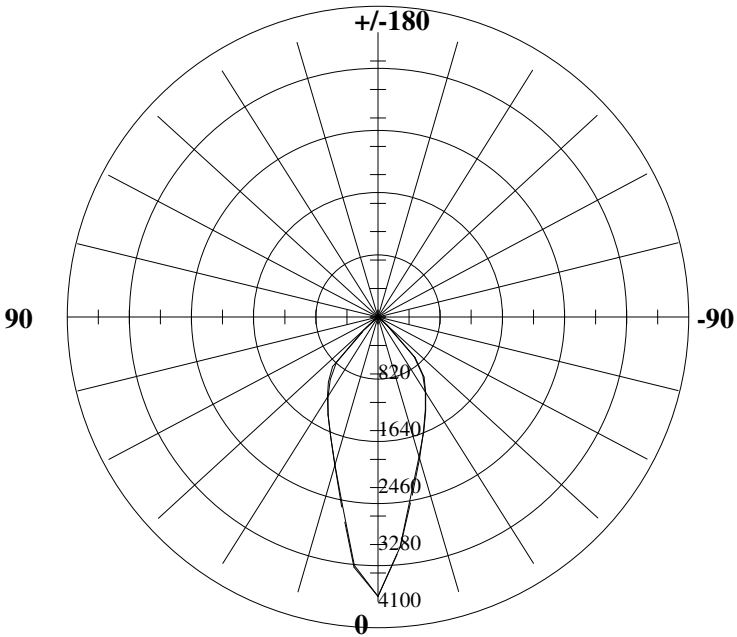
Zonal FluxSFK8-40-827-HC

Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	4024.14	0.00	0.00	0.00	0.00
5	3468.01	89.57	89.57	-8956.66	-8956.66
10	2669.10	219.54	309.11	-21954.39	-30911.04
15	2155.67	286.20	595.31	-28620.20	-59531.25
20	1798.74	325.90	921.21	-32589.84	-92121.07
25	1523.12	348.40	1269.61	-34840.10	-126961.17
30	1293.06	356.39	1626.00	-35638.92	-162600.02
35	1083.74	350.00	1976.00	-34999.98	-197599.96
40	826.13	318.65	2294.65	-31864.74	-229464.67
45	214.29	192.64	2487.29	-19264.19	-248728.81
50	51.40	53.69	2540.97	-5368.64	-254097.44
55	17.63	15.01	2555.99	-1501.05	-255598.46
60	4.82	5.19	2561.18	-518.96	-256117.48
65	1.92	1.64	2562.81	-163.81	-256281.27
70	1.54	0.88	2563.69	-87.65	-256368.85
75	1.27	0.74	2564.42	-73.52	-256442.21
80	1.04	0.62	2565.04	-61.90	-256504.27
85	0.86	0.52	2565.56	-51.85	-256556.15
90	0.72	0.43	2565.99	-43.35	-256599.39

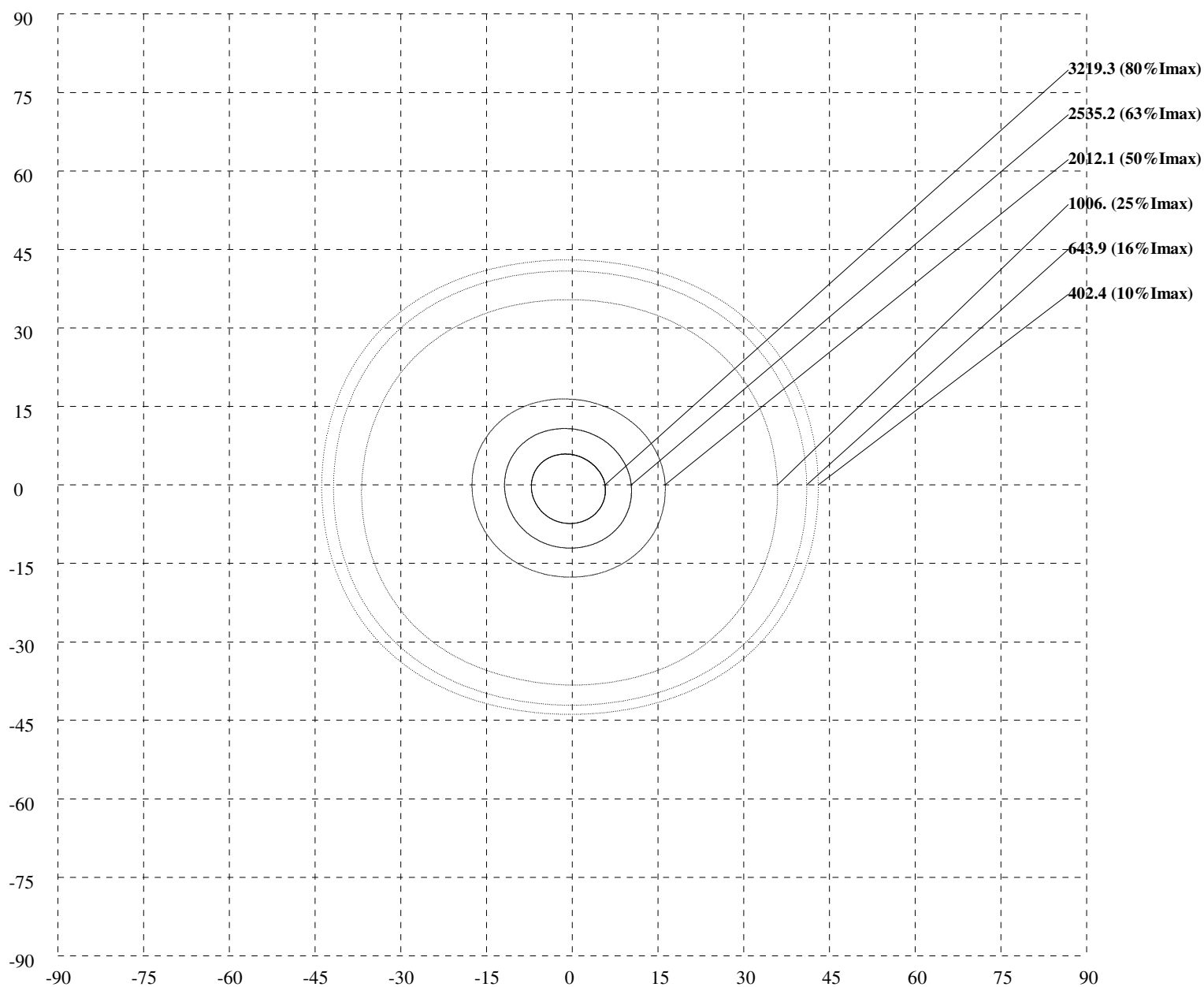
ILSUNG
Coefficient Utilization Curve SFK8-40-827-HC



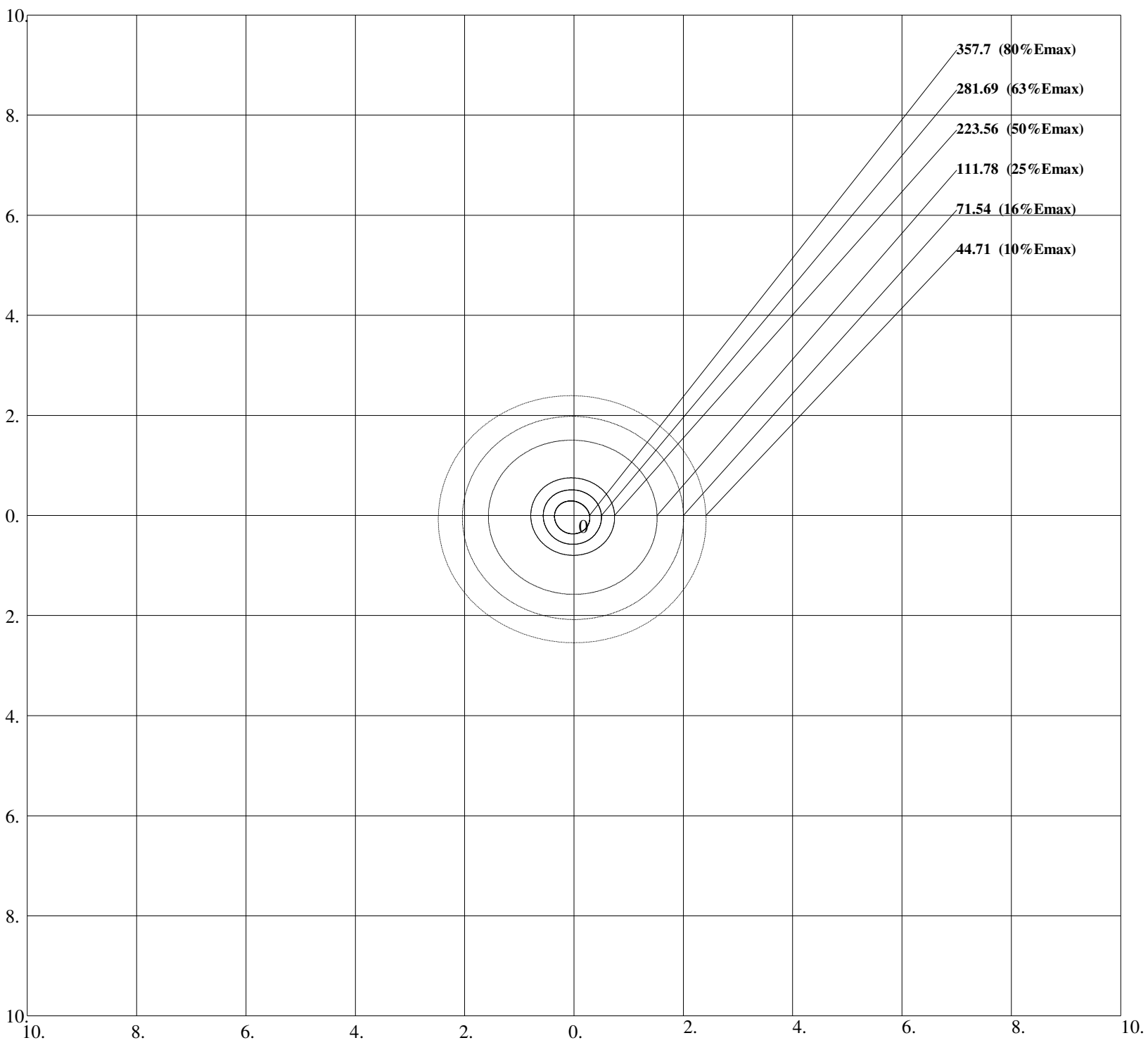
Light Distribution Curve[Unit: cd]



ISO-Candela V-H [Unit :cd]SFK8-40-827-HC



Iso-Lux [Unit :lx]SFK8-40-827-HC



Units: lx
Height: 3 m
Max Illuminance : 447.13lx

ILSUNG
Lux-Distance Curve

