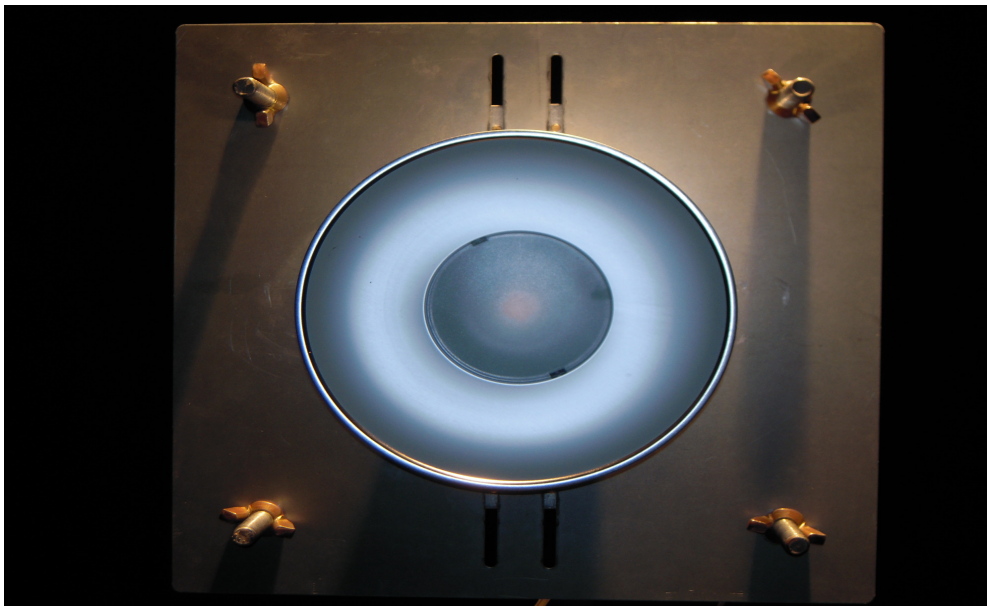


Test Report of Luminaire

Report No.:

Luminaire Type	SFK8-20-830-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2944K, CRI: 81.3Ra
Luminaire Parameters:			
Voltage	120.0	Current	0.171
Power:	20.3	Power Factor	0.986
Frequency:	60Hz	Tc	3000K
Photometric Parameters			
Luminaire Flux	1399.49 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	2159.772cd	Central Intensity	2159.772cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.01%		
Downward Flux Ratio	-139949.3%		
50%Imax Beam Width	C0_180[17.4 , -17.3] C90_270[17.3 , -16.9]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] SFK8-20-830-HC

C\G	0	5	10	15	20	25	30	35	40	45
0	2159.8	1862.6	1442.7	1171.6	983.7	843.8	723.3	614.5	471.0	110.6
5	2159.8	1862.9	1442.7	1171.3	982.7	844.5	723.3	615.8	472.3	110.4
10	2159.8	1863.9	1442.3	1171.9	982.4	845.5	724.7	616.2	474.7	110.6
15	2159.8	1863.9	1442.0	1171.3	981.4	844.8	723.7	617.5	475.3	110.5
20	2159.8	1863.9	1442.3	1170.3	980.7	843.5	723.7	615.8	476.0	110.7
25	2159.8	1863.9	1442.3	1169.3	979.7	843.5	722.3	615.5	474.3	110.7
30	2159.8	1863.6	1442.3	1168.3	979.7	843.8	721.0	613.5	474.3	110.8
35	2159.8	1863.2	1441.3	1168.3	980.0	844.2	720.0	610.8	472.0	111.1
40	2159.8	1862.2	1440.7	1168.6	981.0	842.8	718.0	607.5	471.0	111.1
45	2159.8	1862.6	1439.3	1169.3	981.4	840.8	713.3	603.8	469.0	111.5
50	2159.8	1862.6	1438.0	1168.9	981.7	840.5	710.0	599.8	468.0	111.6
55	2159.8	1861.9	1436.3	1168.9	982.4	838.8	707.0	596.8	468.0	111.9
60	2159.8	1862.2	1434.3	1168.6	982.4	836.8	704.3	594.5	468.6	112.4
65	2159.8	1861.6	1432.6	1167.3	982.0	835.1	700.3	592.1	467.6	113.0
70	2159.8	1861.9	1431.0	1167.3	981.7	832.5	698.3	589.8	467.6	113.8
75	2159.8	1860.9	1429.6	1166.6	981.0	831.1	696.0	588.8	467.3	114.5
80	2159.8	1860.9	1429.3	1165.6	979.7	830.5	696.3	587.8	467.6	115.4
85	2159.8	1860.6	1430.0	1164.3	980.0	830.8	697.6	587.8	467.0	116.3
90	2159.8	1861.2	1431.3	1164.6	979.3	831.1	698.6	588.5	466.6	117.2
95	2159.8	1861.2	1432.6	1164.9	979.0	833.8	701.3	590.1	466.6	117.8
100	2159.8	1860.9	1434.3	1163.9	978.0	834.8	704.6	591.1	466.0	118.6
105	2159.8	1860.6	1435.0	1163.3	976.7	835.5	707.6	594.5	465.6	119.0
110	2159.8	1860.9	1436.3	1162.9	978.0	837.2	710.0	596.5	466.3	119.7
115	2159.8	1860.9	1437.3	1164.9	979.3	837.2	712.0	597.5	467.3	120.2
120	2159.8	1860.6	1438.0	1167.3	979.3	837.8	713.0	597.5	467.6	120.6
125	2159.8	1860.6	1439.0	1168.9	978.3	838.2	713.6	598.5	467.6	121.1
130	2159.8	1860.2	1440.0	1169.9	978.0	837.2	714.3	597.5	467.6	121.3
135	2159.8	1860.6	1441.3	1170.6	978.0	836.2	713.0	597.8	466.6	121.7
140	2159.8	1860.2	1442.3	1169.9	978.0	836.5	713.0	596.8	466.3	121.5
145	2159.8	1860.9	1444.0	1169.6	977.7	836.2	712.6	598.2	465.0	121.5
150	2159.8	1861.6	1445.3	1169.9	978.3	835.5	712.3	596.5	463.6	121.4
155	2159.8	1861.6	1446.3	1170.3	978.7	834.8	711.3	597.5	464.3	121.1
160	2159.8	1861.6	1446.3	1170.9	978.7	833.8	711.0	596.8	462.6	121.1
165	2159.8	1860.2	1448.0	1170.6	978.0	832.8	711.0	597.8	462.3	121.0
170	2159.8	1859.9	1447.7	1171.3	977.3	832.1	710.3	598.2	463.0	121.4
175	2159.8	1858.2	1447.7	1171.9	977.0	831.5	711.0	598.5	462.3	121.5
180	2159.8	1857.2	1447.3	1172.3	975.7	829.8	709.6	597.8	461.6	122.0
185	2159.8	1857.2	1447.7	1172.3	975.7	828.5	709.3	597.8	460.0	122.5
190	2159.8	1856.2	1448.0	1172.6	976.0	827.5	709.6	596.5	458.3	123.0
195	2159.8	1855.9	1448.3	1173.3	975.7	826.8	708.6	594.8	456.3	123.7
200	2159.8	1855.9	1448.3	1172.9	975.7	826.5	707.6	593.5	454.3	124.2
205	2159.8	1855.6	1447.3	1173.6	974.7	826.8	706.0	591.1	451.6	125.0
210	2159.8	1855.2	1446.3	1173.6	975.3	826.1	705.0	589.8	449.0	125.5
215	2159.8	1854.2	1444.3	1172.9	976.3	826.1	703.6	588.5	446.9	125.9
220	2159.8	1853.9	1441.7	1171.9	975.7	826.5	701.6	585.1	444.3	126.2
225	2159.8	1852.6	1439.0	1171.3	975.0	825.8	699.6	582.5	441.3	126.4
230	2159.8	1850.5	1436.0	1170.3	974.7	826.1	697.3	578.5	438.3	126.2
235	2159.8	1849.2	1432.3	1167.3	974.0	825.1	695.0	575.1	434.9	126.0

Photometric Data Table [Unit:cd] SFK8-20-830-HC

240	2159.8	1847.2	1428.0	1163.6	973.0	823.1	691.6	571.5	431.6	125.4
245	2159.8	1843.9	1423.6	1160.9	970.3	821.8	689.6	568.4	428.3	124.9
250	2159.8	1841.9	1419.0	1157.9	968.7	820.1	686.6	566.1	425.9	124.2
255	2159.8	1839.5	1415.3	1154.9	967.0	818.5	687.3	565.1	423.9	123.3
260	2159.8	1837.5	1412.6	1152.9	964.7	819.1	685.9	565.8	423.9	122.6
265	2159.8	1835.9	1410.6	1151.3	964.3	819.1	687.9	567.4	424.6	121.6
270	2159.8	1834.2	1410.3	1150.3	964.0	818.8	689.9	570.5	425.9	121.0
275	2159.8	1833.9	1409.3	1150.3	964.3	820.1	692.0	573.1	428.3	120.2
280	2159.8	1832.9	1409.9	1149.9	964.0	820.5	694.3	576.8	430.9	119.4
285	2159.8	1833.2	1411.3	1150.9	964.7	821.5	696.6	580.5	434.6	118.8
290	2159.8	1833.2	1412.9	1151.9	965.3	822.5	699.0	584.1	437.6	117.9
295	2159.8	1833.5	1414.6	1153.6	966.0	823.5	702.0	587.5	440.6	117.5
300	2159.8	1834.5	1417.6	1155.3	967.3	824.8	704.3	591.1	443.9	116.8
305	2159.8	1836.2	1419.6	1157.3	969.0	825.5	706.3	594.5	447.3	116.3
310	2159.8	1838.5	1422.3	1159.3	970.0	827.1	709.3	598.2	450.3	115.5
315	2159.8	1841.2	1424.0	1160.3	971.7	829.1	711.3	600.5	452.6	114.8
320	2159.8	1844.2	1426.3	1161.9	974.0	831.1	713.3	603.8	455.6	114.3
325	2159.8	1846.9	1429.6	1162.9	976.0	833.8	714.3	605.8	458.6	113.6
330	2159.8	1849.2	1432.6	1165.3	977.7	835.8	715.7	607.5	461.0	113.3
335	2159.8	1852.2	1436.3	1167.9	979.3	838.5	717.7	609.5	462.6	112.7
340	2159.8	1854.6	1438.3	1170.3	981.7	840.5	718.7	611.2	463.6	112.1
345	2159.8	1856.9	1440.7	1171.3	982.4	841.5	718.7	611.8	465.0	111.6
350	2159.8	1858.6	1441.7	1171.6	983.4	842.8	719.7	612.5	466.6	111.3
355	2159.8	1860.6	1442.3	1171.9	983.7	844.2	722.0	614.8	468.6	110.8
360	2159.8	1862.6	1442.7	1171.6	983.7	843.8	723.3	614.5	471.0	110.6

C\G	50	55	60	65	70	75	80	85	90
0	27.0	9.5	3.0	1.5	1.2	1.0	0.9	0.8	0.7
5	27.1	9.6	3.1	1.5	1.2	1.1	0.9	0.8	0.7
10	27.1	9.7	3.1	1.5	1.3	1.1	0.9	0.8	0.7
15	27.2	9.8	3.2	1.5	1.3	1.1	1.0	0.8	0.7
20	27.3	9.9	3.2	1.5	1.3	1.1	0.9	0.8	0.7
25	27.4	10.0	3.3	1.5	1.3	1.1	0.9	0.8	0.7
30	27.5	10.1	3.3	1.5	1.3	1.1	0.9	0.8	0.7
35	27.6	10.2	3.3	1.5	1.3	1.1	0.9	0.8	0.7
40	27.6	10.3	3.4	1.5	1.3	1.1	0.9	0.8	0.7
45	27.6	10.3	3.4	1.5	1.2	1.1	0.9	0.8	0.7
50	27.6	10.3	3.3	1.5	1.2	1.0	0.9	0.8	0.7
55	27.7	10.3	3.3	1.4	1.2	1.0	0.9	0.8	0.7
60	27.8	10.4	3.3	1.4	1.2	1.0	0.9	0.8	0.7
65	27.8	10.3	3.3	1.4	1.2	1.0	0.9	0.8	0.7
70	28.0	10.3	3.3	1.4	1.2	1.0	0.9	0.8	0.7
75	28.0	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
80	28.2	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
85	28.4	10.4	3.3	1.4	1.2	1.0	0.9	0.8	0.7
90	28.5	10.4	3.3	1.3	1.1	1.0	0.9	0.8	0.7
95	28.8	10.4	3.3	1.3	1.1	1.0	0.9	0.8	0.7
100	29.0	10.5	3.3	1.3	1.1	1.0	0.9	0.8	0.7

Photometric Data Table [Unit:cd] SFK8-20-830-HC

105	29.3	10.5	3.3	1.3	1.1	1.0	0.9	0.8	0.7
110	29.4	10.5	3.3	1.4	1.1	1.0	0.9	0.8	0.7
115	29.7	10.5	3.3	1.3	1.2	1.0	0.9	0.8	0.7
120	29.9	10.5	3.3	1.3	1.2	1.0	0.9	0.8	0.7
125	30.1	10.5	3.3	1.4	1.2	1.0	0.9	0.8	0.7
130	30.2	10.5	3.3	1.4	1.2	1.0	0.9	0.8	0.7
135	30.3	10.5	3.3	1.4	1.2	1.0	0.9	0.8	0.7
140	30.4	10.5	3.2	1.4	1.2	1.0	0.9	0.8	0.7
145	30.4	10.5	3.2	1.4	1.2	1.0	0.9	0.8	0.7
150	30.4	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
155	30.4	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
160	30.4	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
165	30.4	10.4	3.2	1.4	1.2	1.0	0.9	0.8	0.7
170	30.5	10.4	3.2	1.5	1.2	1.0	0.9	0.8	0.7
175	30.5	10.4	3.3	1.5	1.3	1.1	0.9	0.8	0.7
180	30.5	10.4	3.3	1.5	1.3	1.1	0.9	0.8	0.7
185	30.6	10.5	3.4	1.5	1.3	1.1	0.9	0.8	0.7
190	30.6	10.5	3.4	1.6	1.3	1.1	0.9	0.8	0.7
195	30.6	10.5	3.5	1.6	1.3	1.1	1.0	0.8	0.7
200	30.6	10.6	3.5	1.7	1.4	1.1	1.0	0.8	0.7
205	30.6	10.6	3.5	1.7	1.4	1.1	1.0	0.8	0.7
210	30.5	10.6	3.5	1.6	1.4	1.1	1.0	0.8	0.7
215	30.4	10.5	3.5	1.6	1.4	1.2	1.0	0.8	0.7
220	30.2	10.5	3.5	1.6	1.4	1.2	1.0	0.8	0.7
225	30.0	10.4	3.5	1.6	1.3	1.1	1.0	0.8	0.7
230	29.9	10.3	3.4	1.6	1.3	1.1	0.9	0.8	0.7
235	29.6	10.3	3.4	1.6	1.3	1.1	0.9	0.8	0.7
240	29.5	10.2	3.3	1.5	1.3	1.1	0.9	0.8	0.7
245	29.2	10.1	3.2	1.5	1.3	1.1	1.0	0.8	0.7
250	29.0	10.0	3.1	1.5	1.2	1.1	0.9	0.8	0.7
255	28.8	9.9	3.1	1.5	1.3	1.1	0.9	0.8	0.7
260	28.5	9.8	3.1	1.5	1.2	1.1	0.9	0.8	0.7
265	28.3	9.7	3.0	1.4	1.2	1.0	0.9	0.8	0.7
270	28.0	9.6	3.0	1.4	1.2	1.1	0.9	0.8	0.7
275	27.8	9.5	3.0	1.4	1.2	1.1	0.9	0.8	0.7
280	27.6	9.4	2.9	1.4	1.2	1.0	0.9	0.8	0.7
285	27.5	9.3	2.9	1.4	1.2	1.0	0.9	0.8	0.7
290	27.3	9.3	2.9	1.4	1.2	1.0	0.9	0.8	0.7
295	27.2	9.2	2.9	1.4	1.2	1.0	0.9	0.8	0.7
300	27.1	9.2	2.9	1.4	1.2	1.0	0.9	0.8	0.7
305	27.0	9.2	2.9	1.4	1.2	1.0	0.9	0.8	0.7
310	26.9	9.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7
315	26.8	9.1	2.8	1.4	1.2	1.0	0.9	0.8	0.7
320	26.8	9.1	2.8	1.4	1.2	1.0	0.9	0.8	0.7
325	26.7	9.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7
330	26.7	9.1	2.8	1.4	1.2	1.0	0.9	0.8	0.7
335	26.7	9.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7
340	26.7	9.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7
345	26.8	9.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7

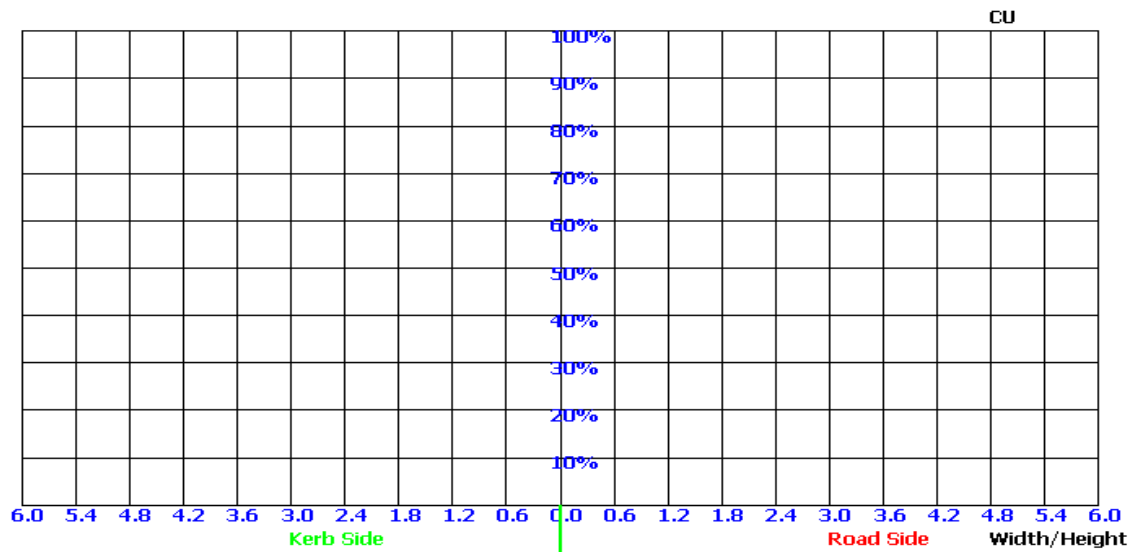
Photometric Data Table [Unit:cd] SFK8-20-830-HC

350	26.8	9.3	2.9	1.4	1.2	1.0	0.9	0.8	0.7
355	26.9	9.4	2.9	1.4	1.2	1.0	0.9	0.8	0.7
360	27.0	9.5	3.0	1.5	1.2	1.0	0.9	0.8	0.7

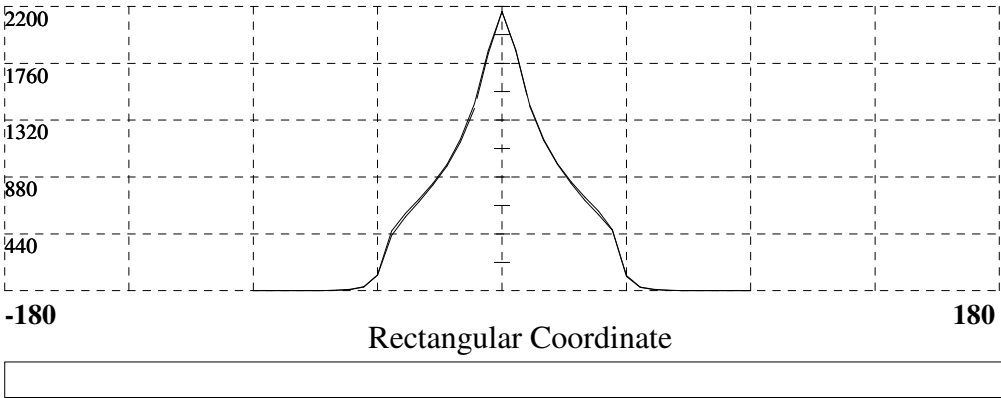
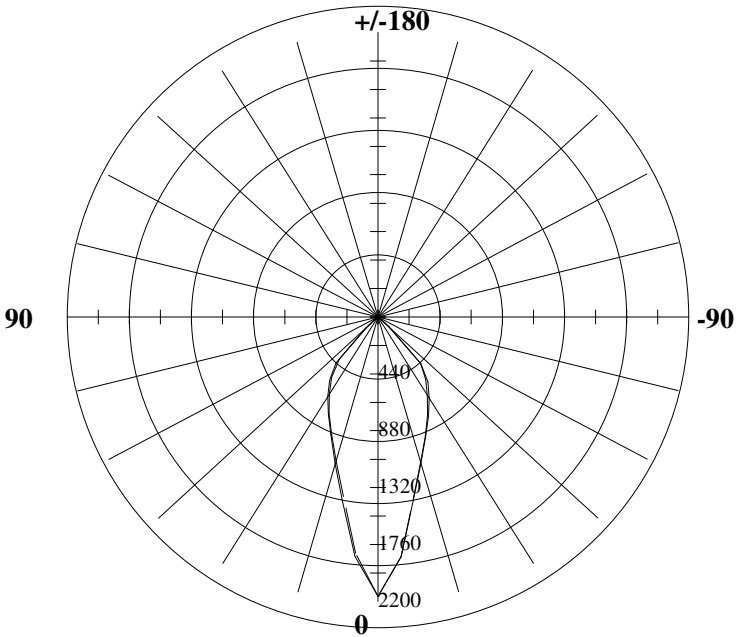
Zonal FluxSFK8-20-830-HC

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	2159.77	0.00	0.00	0.00	0.00
5	1854.04	47.98	47.98	-4798.40	-4798.40
10	1434.54	117.64	165.63	-11764.28	-16562.69
15	1165.99	154.26	319.89	-15426.20	-31988.89
20	976.22	176.55	496.44	-17654.89	-49643.78
25	832.37	189.69	686.13	-18968.80	-68612.60
30	707.37	194.85	880.98	-19485.49	-88098.10
35	594.55	191.72	1072.70	-19171.65	-107269.71
40	456.92	175.43	1248.13	-17542.92	-124812.62
45	118.06	106.46	1354.59	-10646.21	-135458.85
50	28.61	29.64	1384.23	-2963.82	-138422.68
55	10.05	8.41	1392.63	-840.58	-139263.24
60	3.18	3.06	1395.69	-305.80	-139569.04
65	1.46	1.13	1396.82	-112.85	-139681.85
70	1.23	0.68	1397.50	-68.08	-139749.95
75	1.05	0.60	1398.10	-59.57	-139809.59
80	0.91	0.52	1398.62	-52.50	-139862.00
85	0.80	0.47	1399.09	-46.57	-139908.70
90	0.69	0.41	1399.49	-40.68	-139949.35

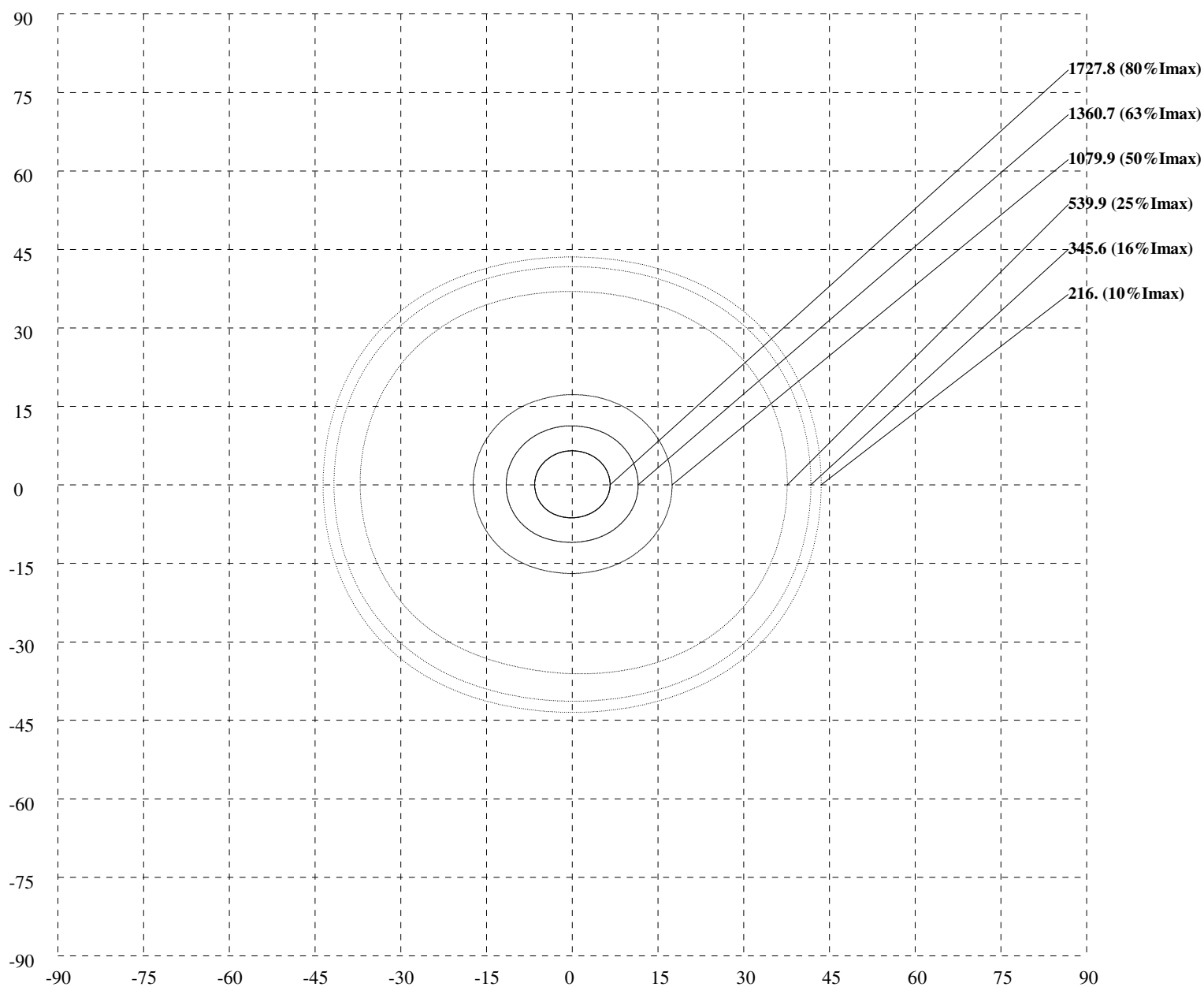
ILSUNG
Coefficient Utilization Curve SFK8-20-830-HC



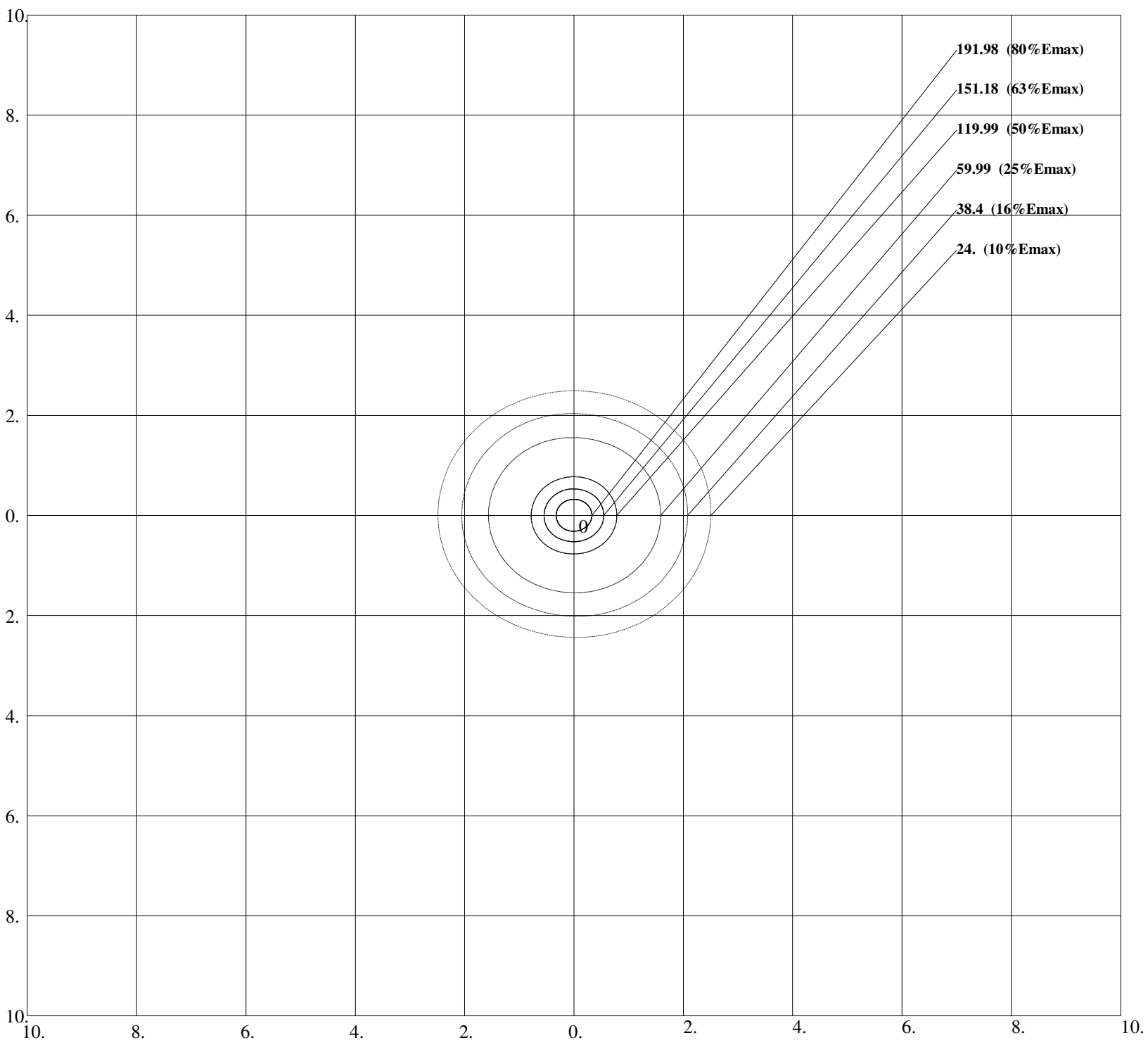
Light Distribution Curve[Unit: cd]



ISO-Candela V-H [Unit :cd]SFK8-20-830-HC



Iso-Lux [Unit :lx]SFK8-20-830-HC



Units: lx
Height: 3 m
Max Illuminance : 239.97lx

ILSUNG
Lux-Distance Curve

