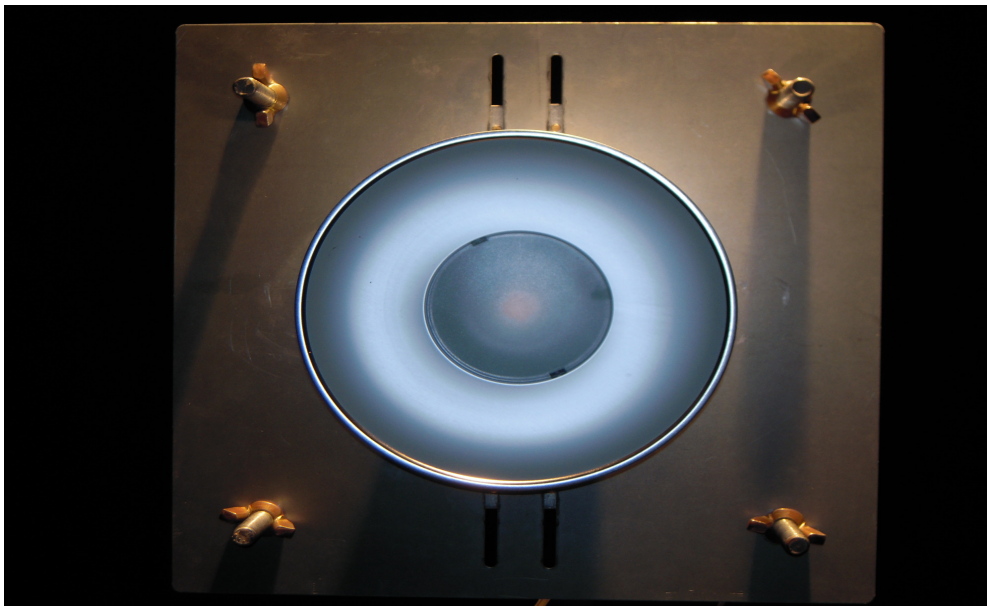


## Test Report of Luminaire

**Report No.:**

Luminaire Type	SFK8-30-830-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2769K, CRI: 81.1Ra
<b>Luminaire Parameters:</b>			
Voltage	120.0	Current	0.252
Power:	29.9	Power Factor	0.986
Frequency:	60Hz	Tc	3000K
<b>Photometric Parameters</b>			
Luminaire Flux	2019.88 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	3081.347cd	Central Intensity	3081.347cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-201987.7%		
50%Imax Beam Width	C0_180[ 17.2 , -18.5] C90_270[ 17.0 , -17.9]		
Remark			

### Luminaire Figure



**Photometric Data Table [Unit:cd] SFK8-30-830-HC**

C\G	0	5	10	15	20	25	30	35	40	45
0	3081.3	2637.0	2041.1	1660.0	1391.2	1172.3	987.0	826.8	602.5	142.2
5	3081.3	2633.0	2040.1	1657.3	1388.9	1169.9	984.7	824.1	597.5	141.1
10	3081.3	2631.0	2038.8	1655.3	1388.2	1169.9	984.4	822.5	590.1	139.7
15	3081.3	2627.3	2035.8	1652.3	1386.2	1168.3	983.7	820.5	584.1	138.7
20	3081.3	2624.9	2033.1	1650.9	1384.2	1166.9	982.7	818.5	578.8	137.8
25	3081.3	2623.3	2031.1	1649.9	1383.2	1165.9	982.4	815.8	573.8	137.2
30	3081.3	2622.6	2028.5	1649.6	1381.6	1164.3	982.7	813.1	569.5	136.9
35	3081.3	2619.3	2027.8	1647.3	1381.2	1163.9	981.7	810.8	565.4	136.6
40	3081.3	2615.6	2027.8	1645.6	1378.9	1163.6	981.4	808.4	563.1	136.4
45	3081.3	2612.3	2026.8	1643.9	1377.6	1164.3	980.3	806.8	560.1	136.3
50	3081.3	2608.9	2024.5	1643.6	1375.9	1163.3	979.3	804.8	557.8	136.3
55	3081.3	2607.3	2019.4	1643.3	1376.6	1162.9	977.0	802.1	555.4	136.4
60	3081.3	2605.6	2019.1	1641.9	1377.9	1165.3	975.3	798.8	552.4	136.5
65	3081.3	2605.6	2018.1	1642.9	1380.6	1165.3	973.7	796.8	551.4	136.9
70	3081.3	2606.9	2015.1	1643.3	1382.2	1165.6	973.3	793.8	549.8	137.9
75	3081.3	2608.9	2016.1	1643.9	1385.6	1166.3	972.3	792.1	549.8	138.8
80	3081.3	2611.9	2016.1	1642.9	1385.9	1165.3	972.3	791.4	551.1	140.4
85	3081.3	2616.3	2016.1	1641.6	1386.9	1166.3	973.3	791.1	552.8	141.9
90	3081.3	2622.3	2017.1	1642.9	1387.6	1167.3	975.0	793.1	556.8	144.1
95	3081.3	2628.3	2017.8	1643.3	1388.9	1168.6	979.0	795.8	562.1	146.6
100	3081.3	2636.6	2024.1	1645.9	1390.2	1170.6	982.0	801.1	570.1	149.2
105	3081.3	2644.6	2028.5	1649.3	1392.3	1173.3	984.4	805.8	579.1	152.4
110	3081.3	2653.0	2035.5	1653.3	1396.6	1176.0	988.7	811.1	588.1	155.5
115	3081.3	2662.7	2044.1	1659.6	1402.3	1182.0	993.7	818.1	597.8	159.6
120	3081.3	2672.0	2056.2	1665.6	1405.9	1187.6	1000.0	824.5	607.8	163.0
125	3081.3	2683.0	2067.2	1673.3	1410.9	1194.0	1006.1	830.1	617.2	167.0
130	3081.3	2692.4	2076.5	1680.6	1416.3	1199.3	1012.1	837.2	626.9	171.1
135	3081.3	2702.4	2086.2	1687.7	1421.6	1204.3	1017.4	842.5	636.2	175.5
140	3081.3	2712.1	2097.2	1694.7	1426.6	1209.3	1022.4	846.5	644.2	179.7
145	3081.3	2723.8	2106.9	1706.7	1430.6	1214.0	1026.1	849.5	652.6	183.6
150	3081.3	2732.8	2116.2	1711.4	1435.3	1216.3	1030.1	853.2	659.9	188.2
155	3081.3	2742.1	2126.6	1719.0	1438.0	1220.0	1033.4	856.5	666.3	191.2
160	3081.3	2749.5	2134.3	1725.4	1441.3	1224.0	1037.1	860.9	673.3	194.8
165	3081.3	2758.8	2141.9	1731.7	1445.0	1227.0	1039.8	865.9	680.3	198.0
170	3081.3	2768.1	2148.6	1736.4	1449.0	1230.7	1043.8	868.5	686.6	200.8
175	3081.3	2776.8	2158.0	1740.7	1452.0	1233.7	1047.8	873.9	694.0	203.8
180	3081.3	2784.5	2161.6	1745.1	1455.0	1237.0	1051.4	878.2	702.6	206.6
185	3081.3	2789.2	2166.6	1748.1	1458.3	1239.0	1055.1	884.2	710.0	209.3
190	3081.3	2792.5	2172.0	1749.4	1459.7	1243.4	1060.8	890.2	717.0	211.6
195	3081.3	2792.5	2175.3	1749.4	1459.7	1247.1	1064.5	897.6	724.0	213.3
200	3081.3	2790.5	2175.7	1750.4	1463.0	1248.7	1069.5	901.9	730.3	214.5
205	3081.3	2789.5	2178.0	1751.1	1463.0	1251.1	1071.5	909.9	736.0	215.4
210	3081.3	2785.5	2177.0	1752.1	1463.3	1251.1	1074.8	913.6	739.7	215.7
215	3081.3	2782.2	2177.3	1751.4	1462.3	1250.4	1076.1	915.9	743.4	216.0
220	3081.3	2778.2	2173.7	1749.7	1461.7	1249.4	1076.1	917.9	746.0	215.8
225	3081.3	2775.8	2170.3	1748.4	1459.7	1248.1	1077.8	919.3	747.4	215.0
230	3081.3	2768.1	2164.3	1744.7	1460.7	1247.1	1075.5	919.3	748.0	213.9
235	3081.3	2762.5	2156.6	1740.4	1457.3	1244.7	1075.5	917.9	747.4	211.8

**Photometric Data Table [Unit:cd] SFK8-30-830-HC**

<b>240</b>	3081.3	2757.8	2147.6	1735.4	1455.7	1243.4	1073.8	915.9	747.7	209.8
<b>245</b>	3081.3	2750.5	2139.3	1730.7	1451.0	1242.4	1074.5	915.9	746.0	207.6
<b>250</b>	3081.3	2743.8	2130.3	1724.4	1446.7	1239.4	1072.1	913.9	743.4	205.4
<b>255</b>	3081.3	2735.4	2121.6	1717.0	1441.7	1237.7	1070.5	911.3	739.7	202.9
<b>260</b>	3081.3	2729.4	2113.9	1709.4	1436.6	1235.4	1067.5	907.6	737.3	199.8
<b>265</b>	3081.3	2721.1	2106.2	1702.7	1432.6	1232.0	1064.5	905.6	734.3	197.0
<b>270</b>	3081.3	2715.4	2100.2	1696.3	1429.6	1229.0	1061.5	902.2	730.3	193.9
<b>275</b>	3081.3	2706.7	2094.2	1692.3	1427.6	1226.0	1060.1	899.9	727.0	190.0
<b>280</b>	3081.3	2702.4	2088.2	1690.7	1425.3	1222.3	1057.8	895.9	722.7	186.7
<b>285</b>	3081.3	2698.4	2083.2	1691.0	1423.3	1220.3	1053.8	891.9	716.7	182.9
<b>290</b>	3081.3	2692.4	2080.5	1691.3	1421.0	1217.3	1050.1	889.2	711.3	179.7
<b>295</b>	3081.3	2688.0	2076.9	1691.0	1420.6	1214.7	1044.1	885.6	705.0	176.4
<b>300</b>	3081.3	2685.0	2074.5	1690.0	1418.3	1213.3	1041.1	883.2	697.0	173.1
<b>305</b>	3081.3	2683.0	2070.5	1688.3	1415.6	1211.3	1036.1	879.5	689.6	170.0
<b>310</b>	3081.3	2681.7	2068.5	1685.0	1415.6	1208.7	1032.1	875.5	682.6	166.7
<b>315</b>	3081.3	2677.4	2067.5	1682.3	1413.6	1205.0	1027.4	869.2	674.3	164.0
<b>320</b>	3081.3	2671.7	2063.8	1679.6	1410.9	1201.3	1022.1	865.2	666.9	160.6
<b>325</b>	3081.3	2666.3	2060.5	1676.0	1406.9	1198.0	1017.1	859.5	659.2	158.0
<b>330</b>	3081.3	2660.3	2060.5	1673.0	1404.3	1193.3	1012.4	855.8	651.2	155.4
<b>335</b>	3081.3	2654.3	2060.5	1671.6	1400.9	1190.3	1006.7	850.2	643.6	153.0
<b>340</b>	3081.3	2651.7	2058.2	1669.6	1398.9	1185.3	1001.4	845.5	635.2	150.5
<b>345</b>	3081.3	2646.0	2052.2	1666.6	1396.6	1181.6	994.7	839.2	626.2	148.5
<b>350</b>	3081.3	2644.3	2046.8	1664.3	1393.3	1178.0	991.4	835.1	618.2	146.0
<b>355</b>	3081.3	2638.3	2042.5	1661.6	1391.6	1174.3	987.0	830.8	609.8	144.3
<b>360</b>	3081.3	2637.0	2041.1	1660.0	1391.2	1172.3	987.0	826.8	602.5	142.2

<b>C\G</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>80</b>	<b>85</b>	<b>90</b>
<b>0</b>	35.4	12.1	3.4	1.8	1.4	1.2	1.0	0.8	0.7
<b>5</b>	35.2	12.0	3.4	1.8	1.5	1.2	1.0	0.8	0.7
<b>10</b>	35.0	12.0	3.5	1.8	1.5	1.2	1.0	0.8	0.7
<b>15</b>	34.8	12.0	3.5	1.9	1.5	1.3	1.0	0.8	0.7
<b>20</b>	34.8	12.0	3.6	1.9	1.5	1.3	1.0	0.8	0.7
<b>25</b>	34.8	12.1	3.6	2.0	1.6	1.3	1.1	0.8	0.7
<b>30</b>	34.8	12.1	3.6	2.0	1.6	1.3	1.1	0.8	0.7
<b>35</b>	34.8	12.2	3.6	2.0	1.6	1.3	1.1	0.9	0.7
<b>40</b>	34.8	12.2	3.6	2.0	1.6	1.3	1.1	0.9	0.7
<b>45</b>	34.8	12.2	3.6	2.0	1.6	1.3	1.1	0.8	0.7
<b>50</b>	34.8	12.3	3.6	2.0	1.6	1.3	1.1	0.8	0.7
<b>55</b>	34.9	12.3	3.6	2.0	1.6	1.3	1.1	0.8	0.7
<b>60</b>	34.9	12.3	3.6	1.9	1.6	1.3	1.0	0.8	0.7
<b>65</b>	35.0	12.3	3.6	1.9	1.5	1.3	1.1	0.8	0.7
<b>70</b>	35.2	12.3	3.6	1.8	1.5	1.2	1.0	0.8	0.7
<b>75</b>	35.3	12.4	3.5	1.8	1.5	1.2	1.0	0.8	0.7
<b>80</b>	35.5	12.4	3.5	1.8	1.5	1.2	1.0	0.8	0.7
<b>85</b>	35.7	12.4	3.6	1.8	1.5	1.2	1.0	0.8	0.7
<b>90</b>	36.1	12.6	3.6	1.8	1.4	1.2	1.0	0.8	0.7
<b>95</b>	36.4	12.7	3.7	1.7	1.4	1.2	1.0	0.8	0.7
<b>100</b>	36.8	12.8	3.8	1.7	1.4	1.2	1.0	0.8	0.7

**Photometric Data Table [Unit:cd] SFK8-30-830-HC**

105	37.3	12.9	3.9	1.7	1.4	1.2	1.0	0.9	0.7
110	37.8	13.0	3.9	1.7	1.4	1.2	1.0	0.8	0.7
115	38.4	13.2	4.0	1.7	1.4	1.2	1.0	0.8	0.7
120	38.9	13.4	4.2	1.7	1.4	1.2	1.0	0.8	0.7
125	39.6	13.6	4.3	1.7	1.4	1.2	1.0	0.8	0.7
130	40.2	13.7	4.3	1.7	1.4	1.2	1.0	0.8	0.7
135	40.8	13.9	4.4	1.7	1.4	1.2	1.0	0.8	0.7
140	41.4	14.1	4.4	1.7	1.4	1.2	1.0	0.8	0.7
145	42.0	14.2	4.5	1.7	1.4	1.2	1.0	0.8	0.7
150	42.5	14.4	4.5	1.7	1.4	1.2	1.0	0.8	0.7
155	43.0	14.5	4.5	1.7	1.4	1.2	1.0	0.9	0.7
160	43.6	14.7	4.5	1.8	1.4	1.2	1.0	0.9	0.7
165	44.2	14.8	4.6	1.8	1.4	1.2	1.0	0.8	0.7
170	44.7	15.0	4.7	1.8	1.4	1.2	1.0	0.8	0.7
175	45.1	15.2	4.7	1.8	1.5	1.2	1.0	0.8	0.7
180	45.6	15.4	4.8	1.8	1.5	1.2	1.0	0.9	0.7
185	46.0	15.6	4.9	1.8	1.5	1.2	1.0	0.9	0.7
190	46.5	15.8	5.1	1.9	1.5	1.3	1.0	0.9	0.7
195	46.8	16.0	5.2	1.9	1.5	1.3	1.1	0.9	0.7
200	47.1	16.2	5.3	1.9	1.6	1.3	1.1	0.9	0.7
205	47.5	16.4	5.4	2.0	1.6	1.3	1.1	0.9	0.7
210	47.6	16.6	5.5	2.0	1.6	1.3	1.1	0.9	0.7
215	47.8	16.7	5.6	2.0	1.6	1.3	1.1	0.9	0.7
220	47.7	16.9	5.7	2.0	1.6	1.3	1.1	0.9	0.7
225	47.6	16.9	5.7	2.0	1.6	1.3	1.1	0.9	0.7
230	47.4	17.0	5.7	2.0	1.6	1.3	1.1	0.9	0.7
235	47.1	17.0	5.7	1.9	1.6	1.3	1.1	0.9	0.7
240	46.8	16.9	5.6	1.9	1.5	1.3	1.1	0.9	0.7
245	46.3	16.8	5.6	1.9	1.5	1.2	1.0	0.9	0.7
250	46.0	16.7	5.5	1.8	1.5	1.2	1.0	0.9	0.7
255	45.5	16.6	5.4	1.8	1.5	1.2	1.0	0.9	0.7
260	45.1	16.4	5.3	1.8	1.5	1.2	1.0	0.9	0.7
265	44.6	16.3	5.2	1.7	1.5	1.2	1.0	0.9	0.7
270	44.0	16.0	5.1	1.7	1.4	1.2	1.0	0.8	0.7
275	43.5	15.8	5.0	1.7	1.4	1.2	1.0	0.9	0.7
280	42.9	15.6	4.9	1.7	1.4	1.2	1.0	0.8	0.7
285	42.3	15.3	4.8	1.7	1.4	1.2	1.0	0.8	0.7
290	41.8	15.0	4.7	1.7	1.4	1.2	1.0	0.8	0.7
295	41.3	14.8	4.5	1.7	1.4	1.2	1.0	0.8	0.7
300	40.8	14.5	4.4	1.6	1.4	1.1	1.0	0.8	0.7
305	40.3	14.3	4.3	1.7	1.4	1.2	1.0	0.8	0.7
310	39.7	14.0	4.2	1.7	1.4	1.1	1.0	0.8	0.7
315	39.2	13.8	4.0	1.7	1.4	1.2	1.0	0.8	0.7
320	38.7	13.6	3.9	1.7	1.4	1.2	1.0	0.8	0.7
325	38.3	13.3	3.8	1.7	1.4	1.2	1.0	0.8	0.7
330	37.8	13.1	3.7	1.7	1.4	1.2	1.0	0.8	0.7
335	37.3	12.9	3.6	1.7	1.4	1.2	1.0	0.8	0.7
340	36.8	12.7	3.5	1.7	1.4	1.2	1.0	0.8	0.7
345	36.4	12.5	3.5	1.7	1.4	1.2	0.9	0.8	0.7

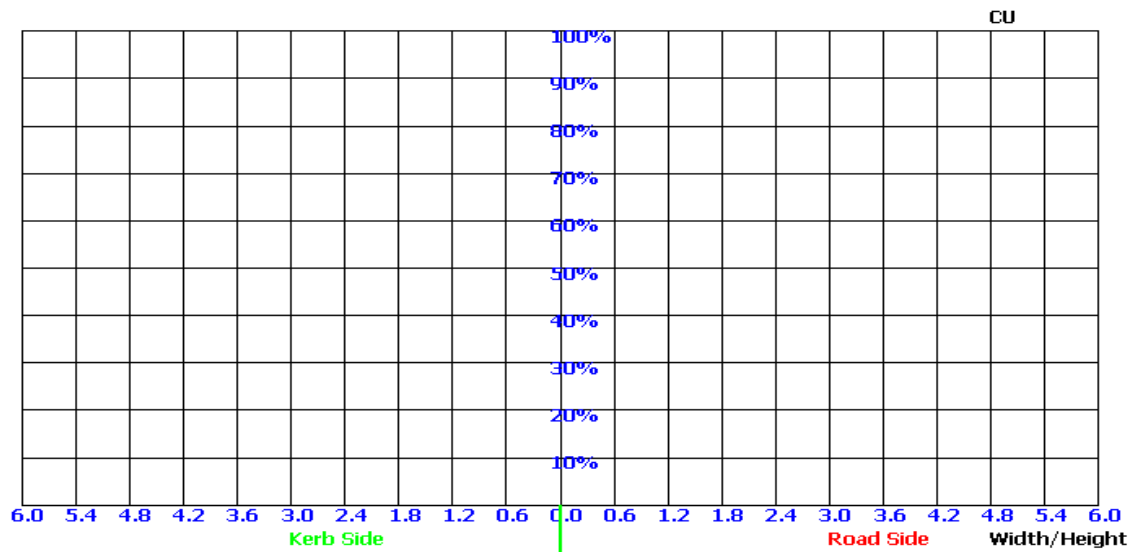
**Photometric Data Table [Unit:cd] SFK8-30-830-HC**

<b>350</b>	36.0	12.3	3.4	1.7	1.4	1.2	1.0	0.8	0.7
<b>355</b>	35.6	12.2	3.4	1.7	1.4	1.2	1.0	0.8	0.7
<b>360</b>	35.4	12.1	3.4	1.8	1.4	1.2	1.0	0.8	0.7

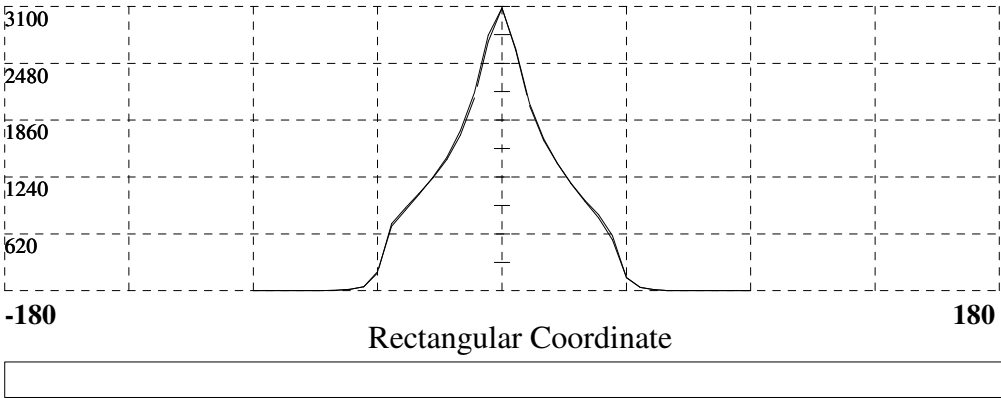
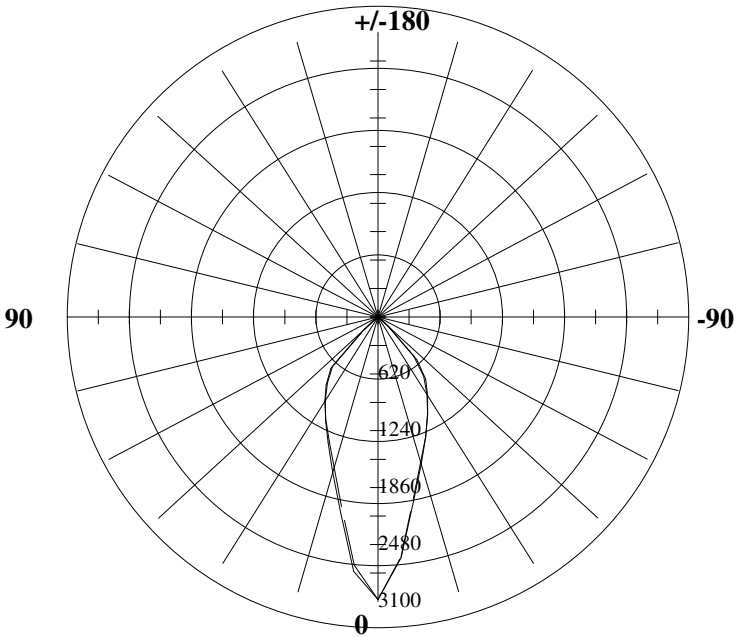
**Zonal FluxSFK8-30-830-HC**

<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>
<b>0</b>	3081.35	0.00	0.00	0.00	0.00
<b>5</b>	2689.88	68.99	68.99	-6899.34	-6899.34
<b>10</b>	2083.54	170.76	239.75	-17076.03	-23975.37
<b>15</b>	1688.66	223.76	463.52	-22376.46	-46351.83
<b>20</b>	1417.02	255.95	719.47	-25595.16	-71946.97
<b>25</b>	1203.40	274.83	994.30	-27483.40	-99430.37
<b>30</b>	1022.15	281.65	1275.95	-28164.53	-127594.90
<b>35</b>	855.02	276.43	1552.38	-27642.68	-155237.62
<b>40</b>	651.55	251.36	1803.74	-25136.05	-180373.72
<b>45</b>	172.12	152.51	1956.25	-15250.97	-195624.76
<b>50</b>	40.43	42.95	1999.20	-4294.95	-199919.73
<b>55</b>	14.09	11.86	2011.05	-1185.56	-201105.37
<b>60</b>	4.35	4.26	2015.32	-426.30	-201531.68
<b>65</b>	1.80	1.50	2016.81	-149.58	-201681.27
<b>70</b>	1.48	0.83	2017.64	-83.09	-201764.32
<b>75</b>	1.23	0.71	2018.35	-70.73	-201834.92
<b>80</b>	1.02	0.60	2018.95	-60.19	-201895.23
<b>85</b>	0.85	0.51	2019.46	-50.72	-201945.91
<b>90</b>	0.68	0.42	2019.88	-41.79	-201987.63

**ILSUNG**  
**Coefficient Utilization Curve SFK8-30-830-HC**

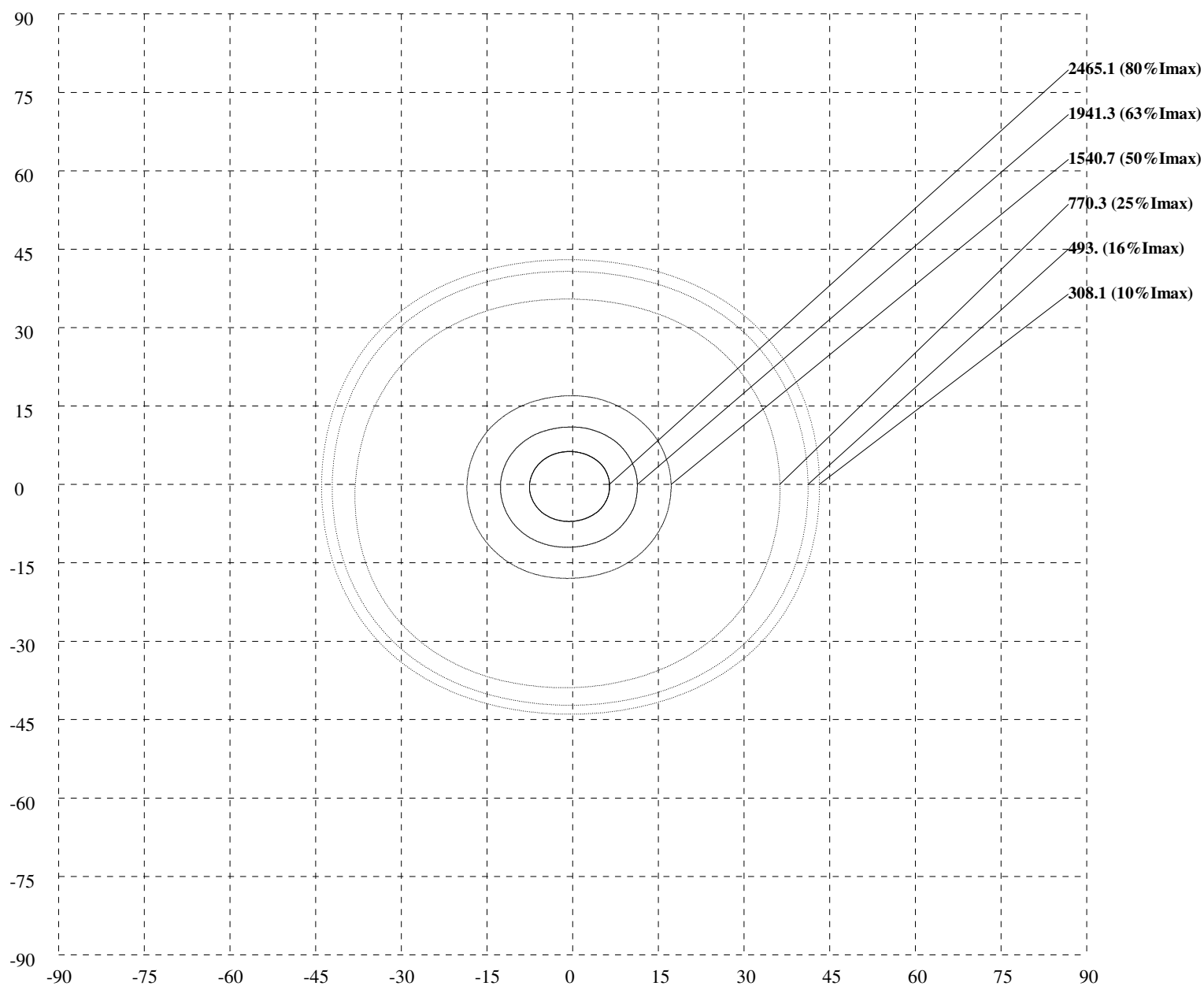


Light Distribution Curve[Unit: cd]

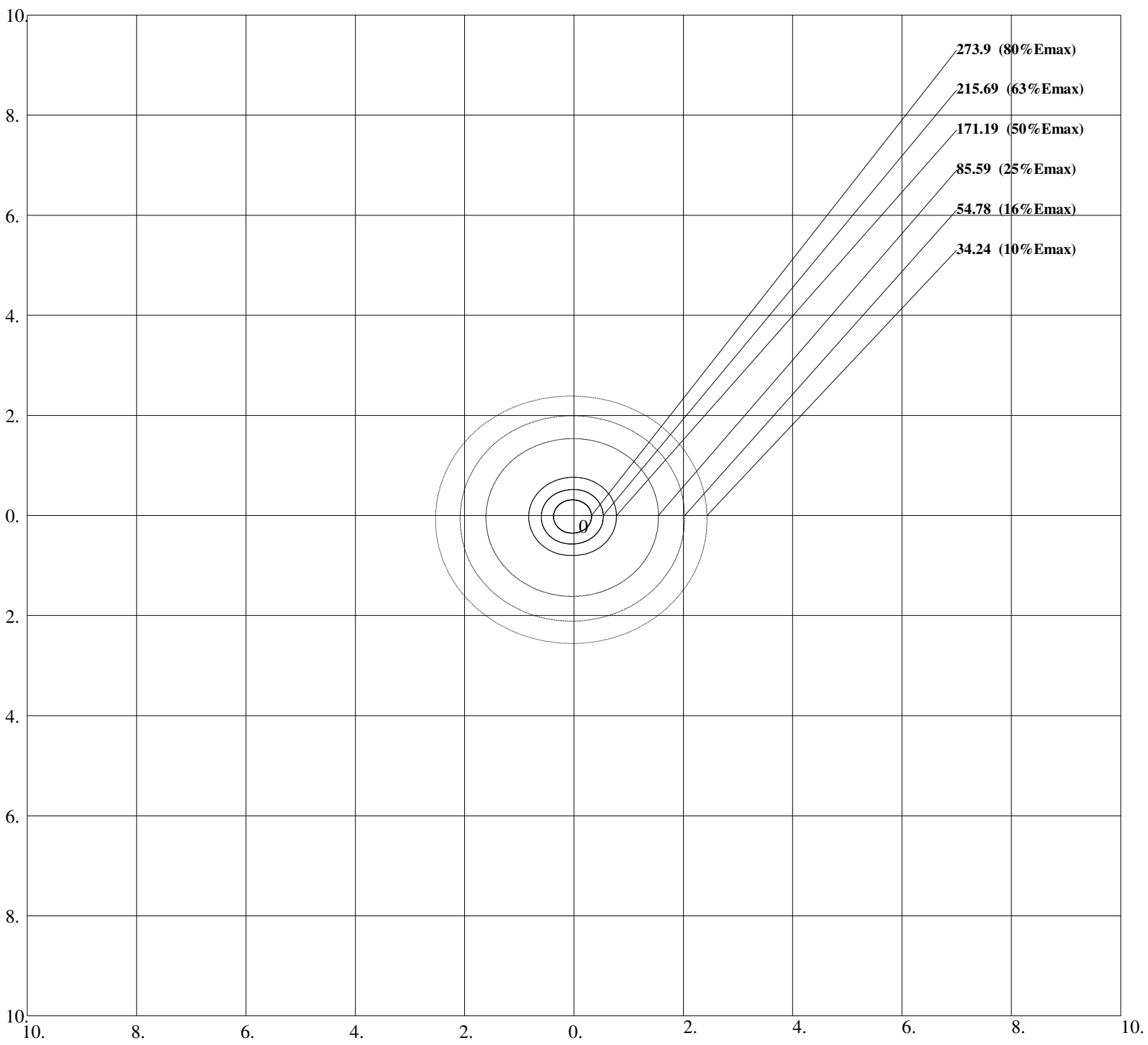




**ISO-Candela V-H [Unit :cd]SFK8-30-830-HC**



Iso-Lux [Unit :lx]SFK8-30-830-HC



Units: lx  
Height: 3 m  
Max Illuminance : 342.37lx

**ILSUNG**  
**Lux-Distance Curve**

