

## Test Report of Luminaire

**Report No.:**

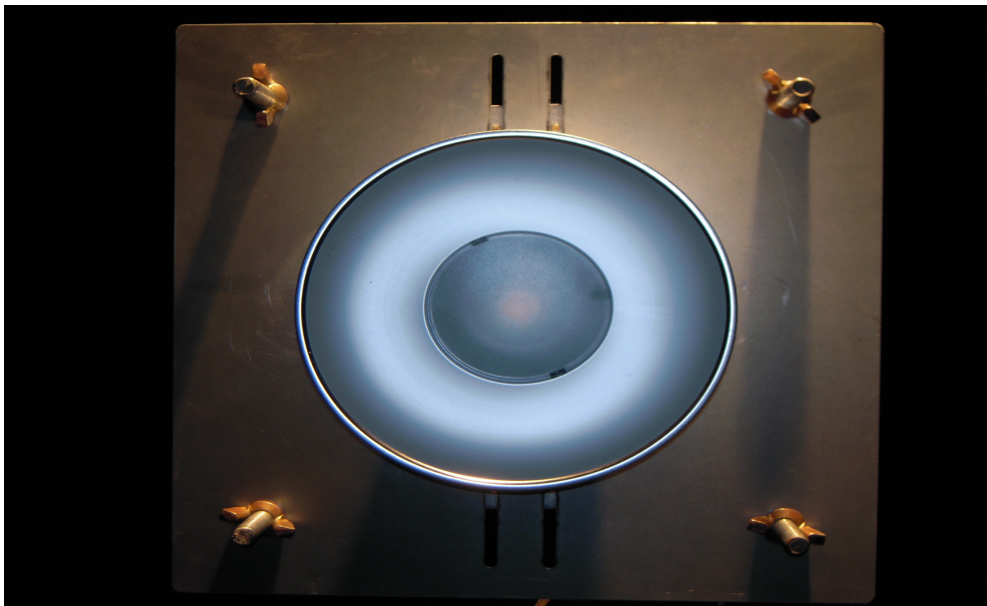
Luminaire Type	SFK8-30-827-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2747K, CRI: 81.3Ra

**Luminaire Parameters:**

Voltage	120.1	Current	0.255
Power:	30.1	Power Factor	0.985
Frequency:	60Hz	Tc	2700K

**Photometric Parameters**

Luminaire Flux	1939.38 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	3010.657cd	Central Intensity	3010.657cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	-0.01%		
Downward Flux Ratio	-193938.1%		
50%Imax Beam Width	C0_180[ 16.5 , -17.8] C90_270[ 17.1 , -17.6]		
Remark			

**Luminaire Figure**


**Photometric Data Table [Unit:cd] SFK8-30-827-HC**

C\G	0	5	10	15	20	25	30	35	40	45
0	3010.7	2525.5	1940.0	1580.8	1333.5	1134.9	980.0	836.2	610.5	126.7
5	3010.7	2518.8	1937.3	1578.5	1331.2	1132.2	977.3	833.8	606.8	126.4
10	3010.7	2516.1	1938.0	1577.2	1330.8	1131.2	977.7	832.1	605.2	125.9
15	3010.7	2517.1	1937.0	1576.8	1330.2	1129.6	974.3	829.1	600.8	125.9
20	3010.7	2515.1	1937.7	1578.2	1330.8	1130.2	975.0	826.8	598.8	125.9
25	3010.7	2517.5	1940.0	1579.2	1332.5	1130.2	973.7	825.1	596.2	126.2
30	3010.7	2516.8	1944.3	1580.5	1332.2	1131.9	972.0	821.5	594.5	126.9
35	3010.7	2519.5	1945.3	1583.2	1331.5	1130.9	970.7	817.8	592.8	127.7
40	3010.7	2522.8	1946.7	1585.9	1332.5	1132.2	970.3	815.5	592.1	129.0
45	3010.7	2529.8	1949.7	1585.5	1333.8	1133.2	969.3	813.1	591.8	130.0
50	3010.7	2535.8	1952.7	1586.5	1335.2	1133.9	968.3	809.4	591.5	131.4
55	3010.7	2542.5	1958.0	1589.2	1335.8	1133.2	967.0	807.8	591.5	133.1
60	3010.7	2549.5	1962.7	1592.5	1335.5	1134.2	964.0	806.1	591.8	134.6
65	3010.7	2557.2	1967.4	1595.9	1335.8	1133.2	962.7	804.4	592.1	136.6
70	3010.7	2562.9	1974.7	1599.2	1338.2	1133.9	960.7	803.4	592.1	138.2
75	3010.7	2567.9	1980.4	1604.5	1341.8	1133.6	961.0	801.8	594.2	140.2
80	3010.7	2573.5	1988.4	1609.9	1344.9	1134.6	960.7	799.8	595.8	142.3
85	3010.7	2581.2	1996.1	1616.2	1345.5	1136.6	959.0	798.8	597.8	144.4
90	3010.7	2589.9	2004.8	1618.6	1346.9	1138.6	958.0	798.8	600.8	147.3
95	3010.7	2598.6	2012.4	1622.9	1350.9	1141.2	958.0	799.4	604.5	150.2
100	3010.7	2607.6	2018.8	1627.9	1353.5	1144.2	958.0	799.8	607.2	153.7
105	3010.7	2615.3	2023.8	1632.9	1359.2	1145.9	959.7	800.8	610.5	156.8
110	3010.7	2625.9	2030.5	1638.9	1362.2	1147.9	962.3	802.4	612.2	160.2
115	3010.7	2636.0	2037.8	1643.3	1366.5	1151.3	966.3	804.4	614.5	163.5
120	3010.7	2641.0	2043.8	1648.3	1371.9	1152.3	967.0	805.8	616.2	167.3
125	3010.7	2645.0	2050.2	1653.3	1376.9	1154.3	970.7	806.8	617.5	170.3
130	3010.7	2648.6	2055.8	1659.0	1379.9	1157.9	973.3	807.4	619.5	173.6
135	3010.7	2654.0	2058.8	1664.0	1380.9	1160.9	974.0	807.8	620.5	176.6
140	3010.7	2659.0	2064.8	1666.0	1380.9	1162.3	977.7	807.8	621.2	179.3
145	3010.7	2663.3	2067.2	1665.0	1381.6	1165.6	978.7	809.1	622.5	181.6
150	3010.7	2666.7	2066.5	1664.0	1382.6	1166.3	980.7	809.4	622.9	183.4
155	3010.7	2671.3	2064.2	1663.0	1382.6	1166.6	982.0	810.8	622.5	185.3
160	3010.7	2677.4	2061.5	1662.6	1382.9	1166.6	982.7	809.8	622.5	186.6
165	3010.7	2678.4	2058.8	1660.0	1384.2	1165.6	983.0	810.1	623.2	188.2
170	3010.7	2676.4	2057.5	1658.6	1383.6	1166.9	983.0	810.4	623.2	189.3
175	3010.7	2674.0	2055.8	1660.0	1381.6	1166.3	982.7	809.8	623.5	190.1
180	3010.7	2673.7	2054.2	1660.6	1380.9	1165.9	982.4	810.1	624.9	191.1
185	3010.7	2673.7	2055.2	1657.6	1380.9	1164.3	982.4	811.8	626.2	191.5
190	3010.7	2675.0	2053.5	1653.3	1379.6	1163.3	985.0	811.8	629.2	192.1
195	3010.7	2678.0	2050.5	1651.3	1378.9	1162.6	984.7	814.5	632.5	192.6
200	3010.7	2678.4	2048.8	1651.6	1378.9	1163.3	984.7	815.1	636.2	193.4
205	3010.7	2683.0	2048.8	1652.6	1377.6	1161.9	982.7	816.8	639.5	194.0
210	3010.7	2687.7	2050.5	1651.9	1376.9	1162.3	982.4	817.5	642.9	194.5
215	3010.7	2688.0	2051.5	1652.3	1377.2	1163.3	980.3	817.8	644.9	195.1
220	3010.7	2686.7	2052.5	1654.9	1376.2	1161.3	980.3	818.1	647.6	194.4
225	3010.7	2685.7	2053.8	1657.9	1375.6	1160.6	979.0	817.8	649.2	193.8
230	3010.7	2686.0	2055.8	1657.9	1373.6	1158.9	977.3	816.8	650.6	192.2
235	3010.7	2686.0	2059.2	1655.3	1375.6	1157.3	977.0	818.1	651.6	190.7

**Photometric Data Table [Unit:cd] SFK8-30-827-HC**

<b>240</b>	3010.7	2685.4	2062.5	1652.9	1375.6	1157.6	976.0	817.5	652.9	188.7
<b>245</b>	3010.7	2684.0	2064.2	1653.3	1374.6	1158.6	975.7	818.1	653.9	186.7
<b>250</b>	3010.7	2682.0	2065.2	1653.3	1374.2	1157.6	976.7	818.5	654.2	184.2
<b>255</b>	3010.7	2682.7	2063.8	1653.6	1373.6	1158.3	975.7	818.8	654.2	182.0
<b>260</b>	3010.7	2681.7	2061.2	1652.6	1373.2	1157.9	975.0	818.1	654.6	179.0
<b>265</b>	3010.7	2679.4	2058.5	1650.9	1372.2	1156.9	974.0	818.1	654.9	176.1
<b>270</b>	3010.7	2673.7	2056.2	1648.6	1370.9	1157.3	974.7	819.8	655.2	173.2
<b>275</b>	3010.7	2665.7	2052.8	1646.3	1368.6	1156.3	975.0	822.1	656.9	170.0
<b>280</b>	3010.7	2657.3	2048.8	1643.3	1366.2	1157.6	977.7	824.8	656.6	167.2
<b>285</b>	3010.7	2649.0	2042.8	1640.3	1365.2	1158.3	980.7	827.1	657.2	163.9
<b>290</b>	3010.7	2641.3	2035.8	1637.3	1365.2	1157.3	983.7	830.1	657.2	160.6
<b>295</b>	3010.7	2631.6	2029.8	1634.9	1360.5	1156.6	988.4	833.5	658.6	157.5
<b>300</b>	3010.7	2622.6	2023.5	1631.6	1359.2	1156.6	991.4	836.5	660.2	154.3
<b>305</b>	3010.7	2614.3	2017.8	1626.6	1359.2	1153.9	993.4	841.5	661.9	151.4
<b>310</b>	3010.7	2605.9	2012.8	1623.6	1357.9	1152.3	993.4	845.2	659.6	148.4
<b>315</b>	3010.7	2593.6	2005.8	1619.2	1355.9	1153.3	993.7	845.8	656.2	145.7
<b>320</b>	3010.7	2579.6	1996.4	1615.6	1352.2	1152.6	993.7	848.2	652.6	142.8
<b>325</b>	3010.7	2567.2	1986.7	1610.9	1350.2	1151.9	993.7	847.2	648.9	140.3
<b>330</b>	3010.7	2559.5	1978.4	1604.9	1349.2	1151.9	991.7	847.2	644.2	137.6
<b>335</b>	3010.7	2550.2	1969.7	1600.2	1347.5	1151.9	991.4	845.8	641.9	135.2
<b>340</b>	3010.7	2544.5	1963.4	1595.5	1345.2	1149.6	992.0	844.2	635.2	133.0
<b>345</b>	3010.7	2536.5	1959.4	1592.2	1341.5	1147.6	989.4	842.8	629.5	131.0
<b>350</b>	3010.7	2530.5	1952.7	1587.9	1338.8	1143.6	987.4	840.5	622.5	129.5
<b>355</b>	3010.7	2526.8	1947.3	1583.8	1336.2	1141.9	982.4	837.2	617.5	128.0
<b>360</b>	3010.7	2525.5	1940.0	1580.8	1333.5	1134.9	980.0	836.2	610.5	126.7

<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>	34.4	12.9	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>5</b>	34.3	12.8	3.3	1.5	1.3	1.1	0.9	0.8	0.7
<b>10</b>	34.2	12.8	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>15</b>	34.1	12.7	3.3	1.5	1.3	1.1	0.9	0.8	0.7
<b>20</b>	34.1	12.6	3.3	1.5	1.2	1.1	0.9	0.8	0.7
<b>25</b>	34.1	12.6	3.3	1.5	1.3	1.1	0.9	0.8	0.7
<b>30</b>	34.2	12.5	3.3	1.5	1.3	1.1	0.9	0.8	0.7
<b>35</b>	34.3	12.5	3.4	1.5	1.2	1.1	0.9	0.8	0.7
<b>40</b>	34.4	12.5	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>45</b>	34.5	12.5	3.4	1.5	1.2	1.1	0.9	0.8	0.7
<b>50</b>	34.8	12.5	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>55</b>	34.9	12.4	3.4	1.5	1.2	1.1	0.9	0.8	0.7
<b>60</b>	35.1	12.4	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>65</b>	35.3	12.4	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>70</b>	35.5	12.4	3.4	1.5	1.3	1.1	0.9	0.8	0.7
<b>75</b>	35.7	12.4	3.5	1.5	1.3	1.1	0.9	0.8	0.7
<b>80</b>	35.9	12.5	3.5	1.6	1.3	1.1	0.9	0.8	0.7
<b>85</b>	36.3	12.6	3.6	1.6	1.3	1.1	0.9	0.8	0.7
<b>90</b>	36.7	12.7	3.6	1.6	1.3	1.1	1.0	0.8	0.7
<b>95</b>	37.2	12.8	3.7	1.7	1.4	1.1	1.0	0.8	0.7
<b>100</b>	37.6	12.9	3.9	1.7	1.4	1.2	1.0	0.8	0.7

**Photometric Data Table [Unit:cd] SFK8-30-827-HC**

105	38.2	13.1	3.9	1.7	1.4	1.2	1.0	0.8	0.7
110	38.7	13.3	4.0	1.8	1.4	1.2	1.0	0.8	0.7
115	39.3	13.5	4.1	1.8	1.5	1.2	1.0	0.9	0.7
120	39.9	13.7	4.2	1.9	1.5	1.3	1.0	0.9	0.7
125	40.5	13.8	4.3	1.9	1.5	1.3	1.0	0.9	0.7
130	41.0	14.0	4.4	1.9	1.6	1.3	1.0	0.9	0.7
135	41.4	14.1	4.4	1.9	1.6	1.3	1.0	0.9	0.7
140	41.9	14.2	4.4	1.9	1.6	1.3	1.1	0.9	0.7
145	42.2	14.3	4.4	1.9	1.5	1.3	1.1	0.9	0.7
150	42.6	14.3	4.3	1.9	1.5	1.3	1.1	0.9	0.7
155	42.9	14.3	4.3	1.9	1.5	1.3	1.0	0.9	0.7
160	43.2	14.3	4.3	1.8	1.5	1.2	1.0	0.9	0.7
165	43.4	14.4	4.2	1.8	1.5	1.2	1.0	0.9	0.7
170	43.6	14.3	4.1	1.7	1.4	1.2	1.0	0.9	0.7
175	43.8	14.4	4.1	1.7	1.4	1.2	1.0	0.9	0.7
180	43.8	14.3	4.0	1.7	1.4	1.2	1.0	0.8	0.7
185	43.8	14.3	4.0	1.7	1.4	1.2	1.0	0.9	0.7
190	43.7	14.3	4.0	1.7	1.4	1.2	1.0	0.9	0.7
195	43.7	14.3	4.0	1.6	1.4	1.2	1.0	0.8	0.7
200	43.7	14.3	4.0	1.6	1.4	1.2	1.0	0.8	0.7
205	43.7	14.3	4.0	1.6	1.3	1.1	1.0	0.8	0.7
210	43.7	14.3	4.1	1.6	1.3	1.1	1.0	0.8	0.7
215	43.7	14.3	4.0	1.6	1.3	1.2	1.0	0.8	0.7
220	43.7	14.2	4.0	1.6	1.3	1.1	1.0	0.8	0.7
225	43.4	14.2	4.0	1.6	1.3	1.1	1.0	0.8	0.7
230	43.2	14.1	4.0	1.6	1.3	1.1	1.0	0.8	0.7
235	42.9	14.1	4.0	1.6	1.3	1.1	1.0	0.8	0.7
240	42.6	14.0	4.0	1.6	1.3	1.1	1.0	0.8	0.7
245	42.3	14.0	4.0	1.6	1.3	1.1	0.9	0.8	0.7
250	42.0	14.0	4.0	1.6	1.3	1.1	1.0	0.8	0.7
255	41.6	14.0	4.0	1.6	1.3	1.1	1.0	0.8	0.7
260	41.3	14.0	4.0	1.6	1.3	1.1	1.0	0.8	0.7
265	41.0	14.0	4.0	1.6	1.3	1.1	1.0	0.8	0.7
270	40.7	14.0	4.0	1.6	1.4	1.2	1.0	0.8	0.7
275	40.4	14.0	4.1	1.7	1.4	1.2	1.0	0.8	0.7
280	40.0	14.0	4.1	1.7	1.4	1.2	1.0	0.8	0.7
285	39.7	14.1	4.1	1.7	1.4	1.2	1.0	0.8	0.7
290	39.4	14.1	4.1	1.7	1.4	1.2	1.0	0.9	0.7
295	39.1	14.2	4.2	1.8	1.4	1.2	1.0	0.8	0.7
300	38.8	14.2	4.2	1.8	1.5	1.2	1.0	0.8	0.7
305	38.5	14.2	4.2	1.8	1.5	1.2	1.0	0.9	0.7
310	38.2	14.2	4.1	1.8	1.5	1.2	1.0	0.9	0.7
315	37.8	14.2	4.1	1.8	1.5	1.2	1.0	0.9	0.7
320	37.5	14.1	4.1	1.8	1.5	1.2	1.0	0.9	0.7
325	37.0	14.0	4.0	1.8	1.5	1.2	1.0	0.9	0.7
330	36.6	13.8	3.9	1.7	1.4	1.2	1.0	0.8	0.7
335	36.2	13.7	3.8	1.7	1.4	1.2	1.0	0.8	0.7
340	35.7	13.5	3.7	1.7	1.4	1.2	1.0	0.8	0.7
345	35.4	13.4	3.6	1.6	1.4	1.1	1.0	0.8	0.7

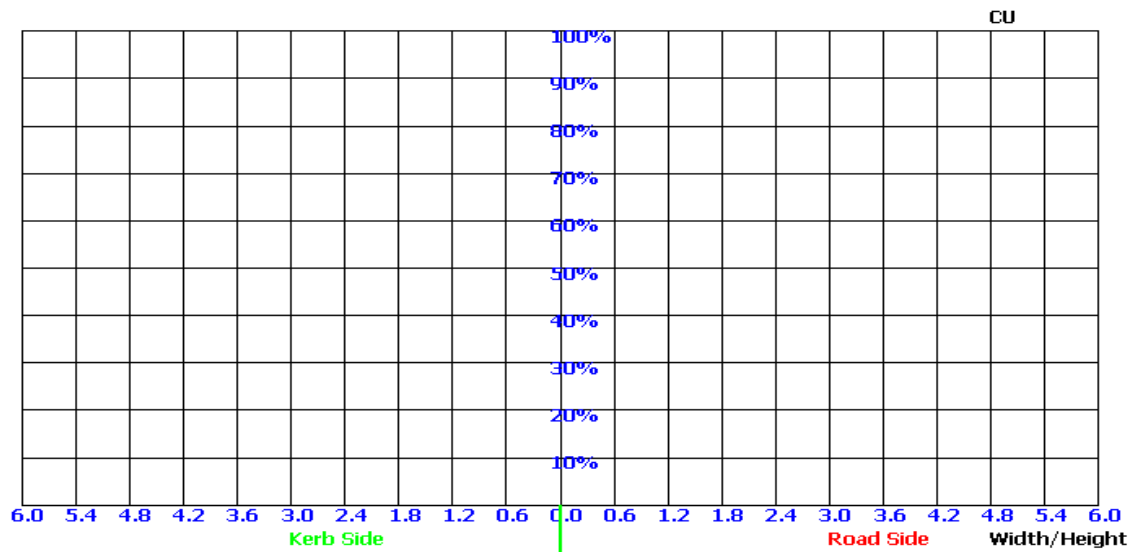
**Photometric Data Table [Unit:cd] SFK8-30-827-HC**

<b>350</b>	35.0	13.2	3.5	1.6	1.3	1.1	1.0	0.8	0.7
<b>355</b>	34.6	13.0	3.5	1.5	1.3	1.1	0.9	0.8	0.7
<b>360</b>	34.4	12.9	3.4	1.5	1.3	1.1	0.9	0.8	0.7

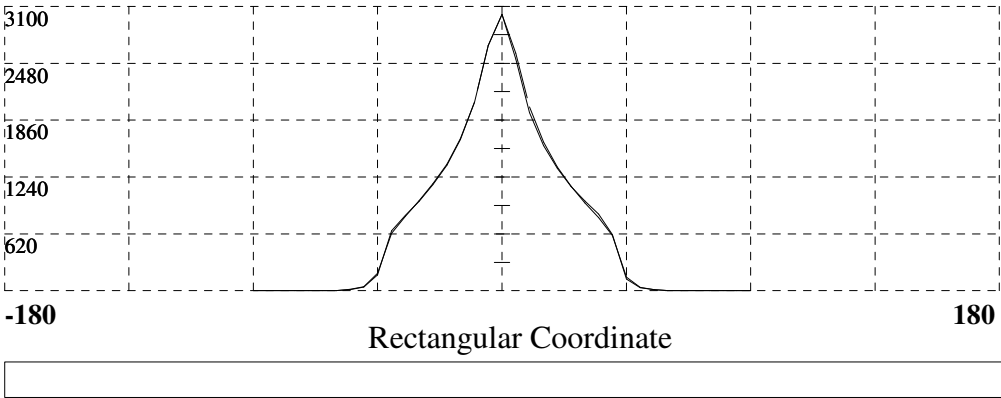
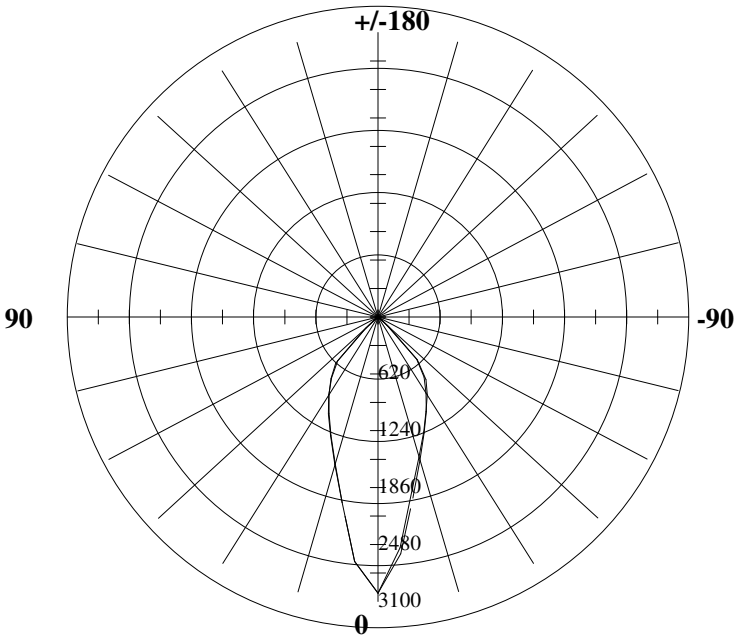
**Zonal FluxSFK8-30-827-HC**

<b>Gamma [°]</b>	<b>Imean [cd]</b>	<b>Zonal Flux [lm]</b>	<b>Sum.Flux [lm]</b>	<b>Zonal Flux [%]</b>	<b>Sum.Flux [%]</b>
<b>0</b>	3010.66	0.00	0.00	0.00	0.00
<b>5</b>	2615.62	67.26	67.26	-6726.06	-6726.06
<b>10</b>	2015.54	165.67	232.93	-16567.13	-23293.19
<b>15</b>	1628.11	216.14	449.07	-21613.92	-44907.11
<b>20</b>	1359.79	246.25	695.32	-24624.54	-69531.63
<b>25</b>	1150.73	263.31	958.62	-26330.74	-95862.37
<b>30</b>	977.03	269.27	1227.89	-26926.96	-122789.37
<b>35</b>	819.00	264.48	1492.37	-26447.78	-149237.12
<b>40</b>	626.58	241.18	1733.55	-24118.30	-173355.44
<b>45</b>	160.50	145.73	1879.29	-14573.43	-187928.87
<b>50</b>	39.09	40.33	1919.62	-4033.01	-191961.87
<b>55</b>	13.58	11.45	1931.07	-1145.18	-193107.09
<b>60</b>	3.89	4.04	1935.11	-403.80	-193510.91
<b>65</b>	1.67	1.35	1936.46	-134.98	-193645.84
<b>70</b>	1.37	0.77	1937.23	-76.98	-193722.85
<b>75</b>	1.16	0.66	1937.89	-66.24	-193788.92
<b>80</b>	0.98	0.57	1938.46	-57.15	-193846.12
<b>85</b>	0.84	0.49	1938.96	-49.34	-193895.51
<b>90</b>	0.71	0.43	1939.38	-42.56	-193937.99

**ILSUNG**  
**Coefficient Utilization Curve SFK8-30-827-HC**

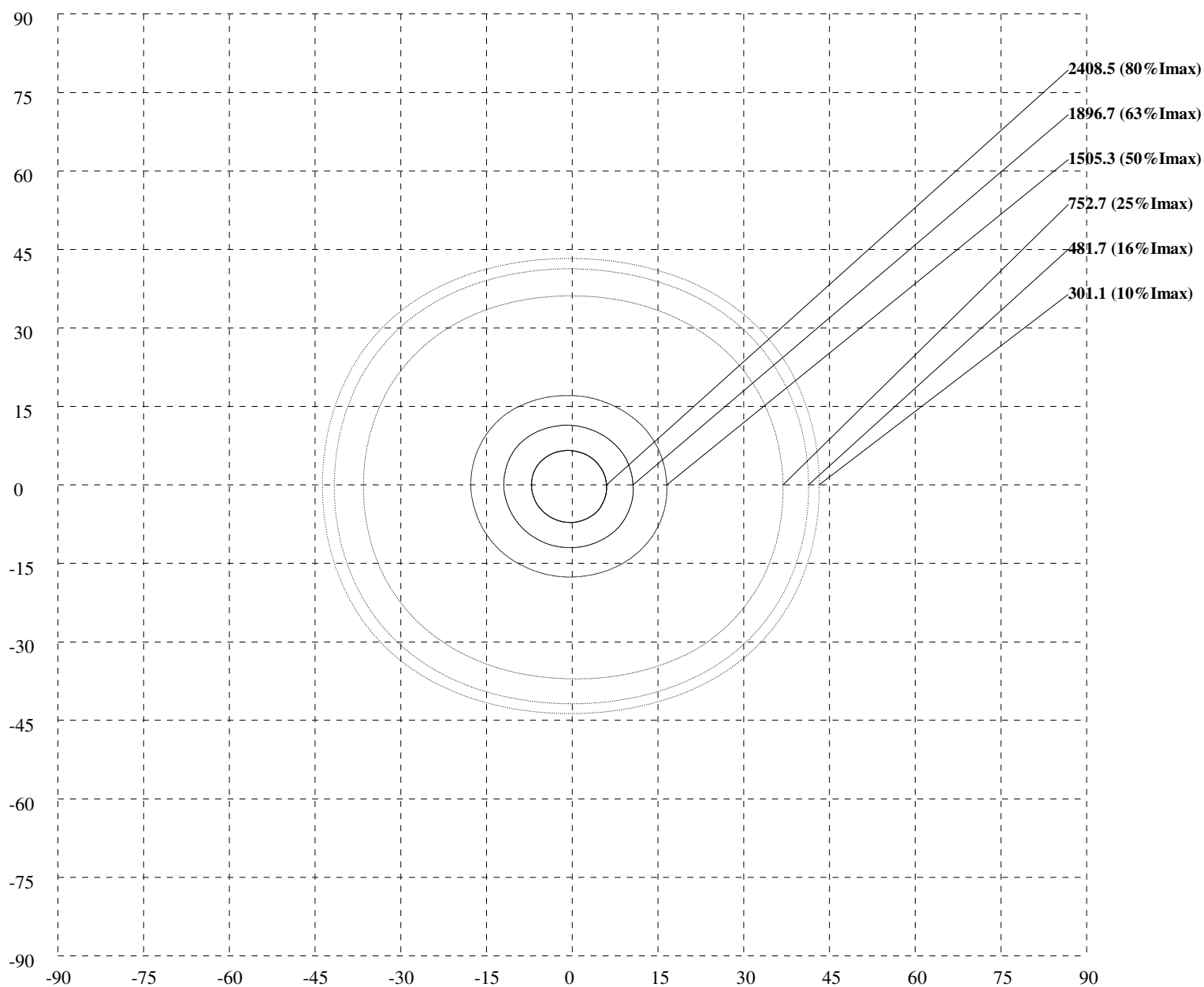


Light Distribution Curve[Unit: cd]

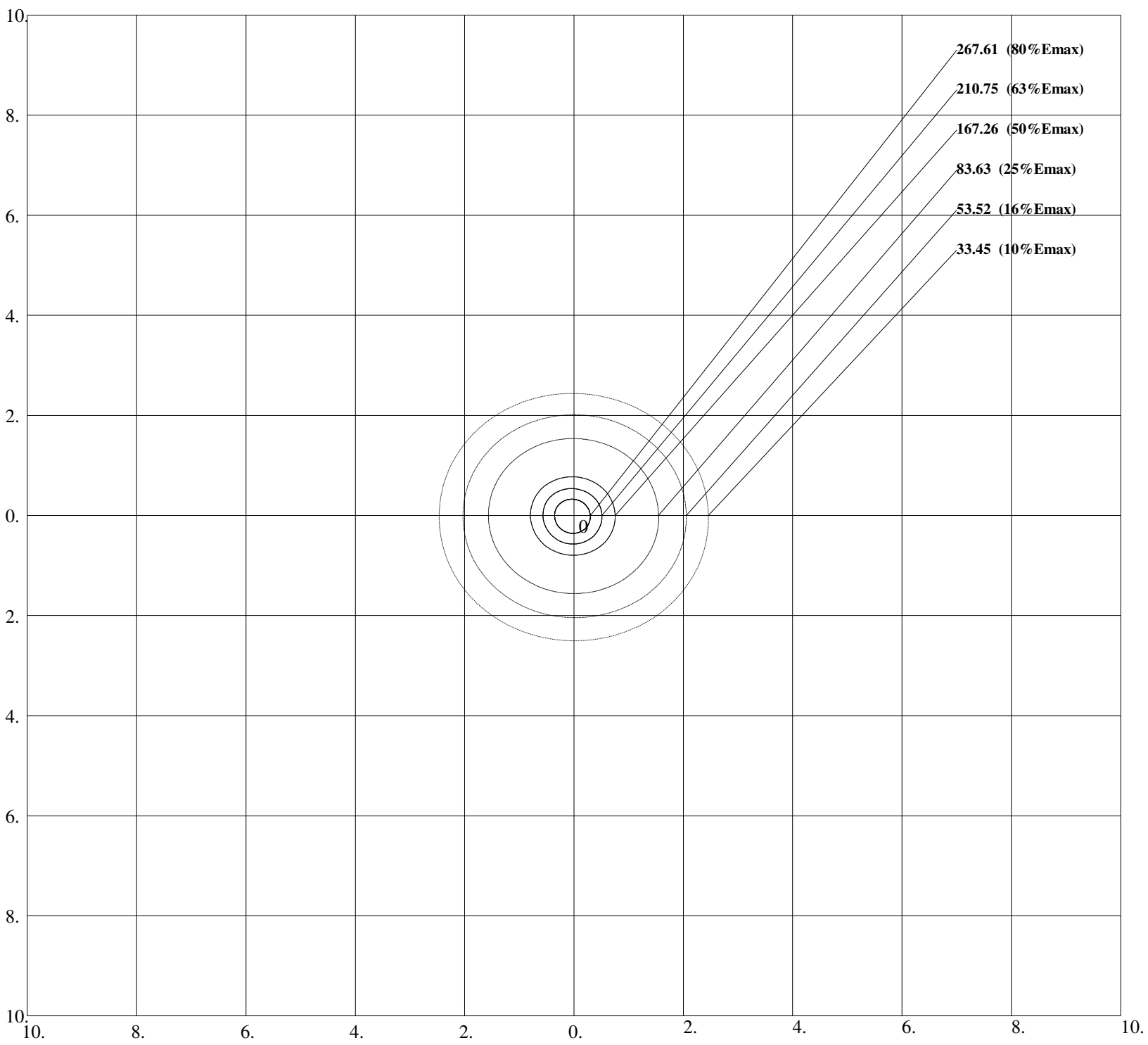




**ISO-Candela V-H [Unit :cd]SFK8-30-827-HC**



Iso-Lux [Unit :lx]SFK8-30-827-HC



Units: lx  
Height: 3 m  
Max Illuminance : 334.52lx

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

