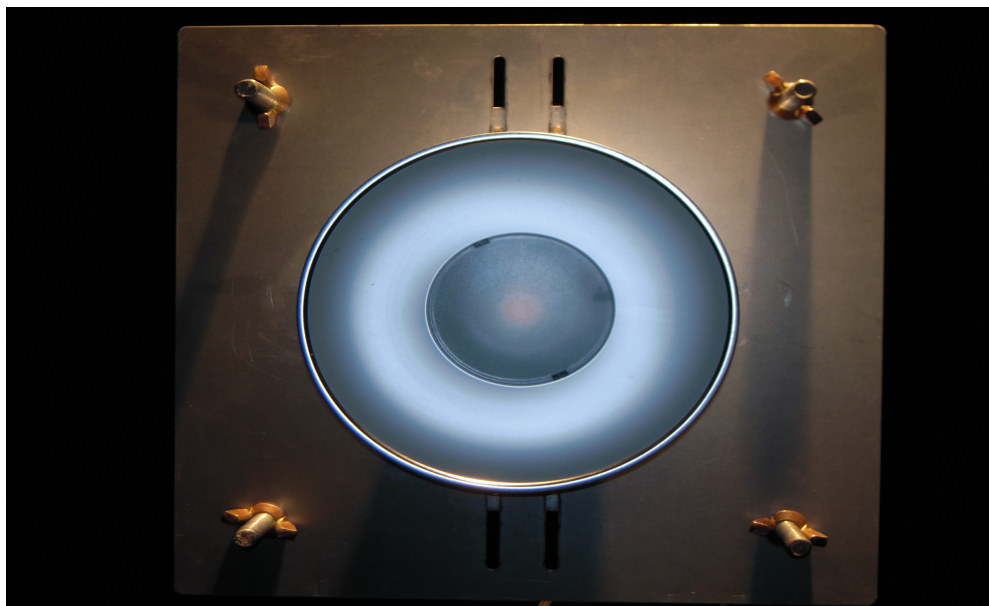


## Test Report of Luminaire

**Report No.:**

Luminaire Type	SFK8-15-840-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 4003K, CRI: 82.8Ra
<b>Luminaire Parameters:</b>			
Voltage	120.1	Current	0.126
Power:	15.0	Power Factor	0.991
Frequency:	60Hz	Tc	4000K
<b>Photometric Parameters</b>			
Luminaire Flux	1086.12 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1756.482cd	Central Intensity	1756.482cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-108612.3%		
50%Imax Beam Width	C0_180[ 15.1 , -16.2] C90_270[ 15.9 , -16.8]		
Remark			

### Luminaire Figure



**Photometric Data Table [Unit:cd] SFK8-15-840-HC**

C\G	0	5	10	15	20	25	30	35	40	45
0	1756.5	1399.3	1077.5	880.9	734.3	620.2	529.1	460.3	339.8	73.0
5	1756.5	1396.6	1075.5	878.2	733.0	618.5	528.1	458.6	336.5	72.5
10	1756.5	1393.3	1073.5	875.5	731.3	618.2	527.4	458.3	333.1	72.2
15	1756.5	1391.9	1072.1	873.9	730.3	618.2	527.7	456.6	329.1	72.0
20	1756.5	1390.9	1072.5	872.5	731.0	619.5	528.4	457.0	326.4	71.8
25	1756.5	1391.2	1073.8	873.2	732.3	620.5	529.1	455.3	325.1	72.1
30	1756.5	1391.9	1076.1	874.5	733.3	621.5	529.7	455.3	324.1	72.3
35	1756.5	1393.9	1078.5	876.5	734.7	623.9	530.7	454.6	323.1	72.8
40	1756.5	1396.9	1081.8	877.9	735.3	623.9	530.4	453.3	323.1	73.3
45	1756.5	1400.9	1084.5	879.9	737.3	623.9	530.7	452.0	322.4	73.9
50	1756.5	1404.9	1087.2	881.9	737.7	624.2	530.1	451.3	322.8	74.7
55	1756.5	1409.6	1090.8	882.9	738.0	624.9	530.1	450.0	322.4	75.5
60	1756.5	1414.6	1094.5	884.9	739.4	623.9	530.4	449.6	323.4	76.5
65	1756.5	1419.6	1099.8	887.6	739.7	623.5	529.7	450.0	325.8	77.5
70	1756.5	1425.3	1104.2	890.2	740.0	623.9	529.7	449.3	328.1	78.8
75	1756.5	1431.3	1109.2	894.2	740.7	623.9	528.4	449.6	331.5	80.2
80	1756.5	1437.3	1113.9	898.2	742.7	625.2	529.4	449.3	333.1	81.7
85	1756.5	1443.3	1118.5	902.2	744.0	625.2	529.4	449.6	335.1	83.3
90	1756.5	1449.0	1122.5	905.9	744.7	625.9	530.4	450.0	337.8	85.1
95	1756.5	1454.0	1126.2	907.6	746.0	626.5	531.1	450.0	340.1	86.6
100	1756.5	1459.7	1129.6	908.9	747.7	627.5	532.1	450.3	342.5	88.2
105	1756.5	1465.0	1133.2	909.3	749.7	628.5	532.1	450.0	343.5	89.7
110	1756.5	1469.0	1135.6	909.9	750.0	629.9	532.4	449.0	345.1	91.4
115	1756.5	1473.4	1137.2	910.9	750.7	630.5	532.4	449.3	345.5	93.1
120	1756.5	1477.4	1139.2	911.9	752.0	631.5	532.7	448.3	345.1	94.8
125	1756.5	1481.0	1141.2	913.9	753.4	632.2	533.1	446.9	344.1	96.8
130	1756.5	1484.7	1143.9	915.9	754.7	633.5	533.1	446.3	344.5	98.5
135	1756.5	1487.4	1145.2	917.9	755.4	634.2	533.1	446.6	344.8	100.3
140	1756.5	1490.4	1146.6	919.9	756.0	635.2	533.1	446.9	345.8	101.8
145	1756.5	1492.7	1147.2	920.9	757.4	634.9	533.4	446.9	346.5	103.3
150	1756.5	1494.4	1147.9	920.9	759.4	634.9	533.7	446.9	347.5	104.6
155	1756.5	1496.1	1147.9	920.6	759.4	635.5	533.7	446.6	348.1	105.7
160	1756.5	1498.1	1147.9	920.6	759.0	634.9	533.7	446.6	349.1	106.9
165	1756.5	1498.4	1146.9	919.9	759.4	634.5	533.7	446.3	349.5	107.9
170	1756.5	1500.1	1145.2	919.3	759.0	634.9	534.4	446.6	350.1	108.8
175	1756.5	1500.7	1144.2	917.9	758.0	634.9	534.1	445.9	350.8	109.6
180	1756.5	1502.1	1143.6	916.9	757.7	635.2	534.4	447.3	352.2	110.3
185	1756.5	1503.4	1143.2	915.9	758.7	635.9	535.7	448.3	353.8	110.8
190	1756.5	1505.1	1143.2	916.6	759.0	636.5	537.7	450.0	356.2	111.1
195	1756.5	1507.4	1144.2	917.3	759.0	637.2	538.7	453.0	358.8	111.6
200	1756.5	1508.7	1145.9	917.6	758.7	638.9	540.4	455.3	361.5	111.8
205	1756.5	1512.1	1147.6	918.6	759.4	639.9	542.7	459.0	364.5	112.1
210	1756.5	1514.1	1149.2	919.9	759.7	640.9	545.8	462.3	368.5	112.4
215	1756.5	1516.8	1151.3	922.3	761.0	642.9	548.4	466.0	371.5	112.9
220	1756.5	1519.8	1152.9	923.3	763.1	645.6	550.8	470.0	374.8	112.9
225	1756.5	1522.4	1154.9	925.6	765.1	647.2	553.4	473.0	378.5	113.1
230	1756.5	1525.4	1156.9	927.3	767.7	648.9	555.4	475.3	382.2	112.6
235	1756.5	1528.1	1158.6	929.3	770.1	650.9	557.1	478.0	385.2	112.1

**Photometric Data Table [Unit:cd] SFK8-15-840-HC**

<b>240</b>	1756.5	1530.4	1161.3	930.9	772.1	653.6	557.8	479.3	387.2	111.3
<b>245</b>	1756.5	1531.8	1163.3	932.6	774.4	655.2	558.8	480.3	388.5	110.3
<b>250</b>	1756.5	1532.4	1165.3	934.6	777.7	655.6	559.1	481.3	389.2	109.4
<b>255</b>	1756.5	1532.4	1165.6	935.6	779.7	657.6	559.8	481.7	389.5	107.9
<b>260</b>	1756.5	1530.4	1165.3	936.0	780.4	657.2	559.8	483.0	389.5	106.4
<b>265</b>	1756.5	1527.8	1163.3	935.3	780.4	656.9	559.1	482.7	388.9	104.5
<b>270</b>	1756.5	1523.1	1159.6	933.3	779.1	656.9	559.1	482.3	388.2	102.6
<b>275</b>	1756.5	1517.1	1155.3	930.9	776.4	655.2	557.4	481.7	387.2	100.3
<b>280</b>	1756.5	1510.7	1150.9	927.3	771.7	652.9	556.8	482.3	386.9	98.0
<b>285</b>	1756.5	1503.4	1146.2	923.6	768.4	652.9	557.4	483.3	385.5	95.9
<b>290</b>	1756.5	1496.1	1141.6	920.3	766.1	651.2	557.8	484.7	384.2	93.7
<b>295</b>	1756.5	1488.7	1135.9	917.3	763.1	650.2	557.4	485.7	381.9	91.9
<b>300</b>	1756.5	1480.4	1130.2	914.6	759.7	649.6	558.1	485.7	380.2	89.9
<b>305</b>	1756.5	1472.4	1125.5	910.9	756.7	647.6	556.8	485.0	377.5	88.0
<b>310</b>	1756.5	1463.7	1120.5	906.2	755.0	644.6	556.1	483.7	373.8	86.1
<b>315</b>	1756.5	1455.7	1115.5	902.9	753.4	643.6	554.8	483.0	370.5	84.1
<b>320</b>	1756.5	1447.7	1111.2	899.6	752.4	641.2	551.8	479.7	367.2	82.5
<b>325</b>	1756.5	1439.3	1106.9	896.9	751.4	638.2	547.8	477.0	363.2	80.7
<b>330</b>	1756.5	1432.3	1102.9	894.6	750.7	635.5	545.4	473.3	361.2	79.2
<b>335</b>	1756.5	1425.0	1098.2	893.2	748.4	633.2	542.4	471.0	358.5	77.7
<b>340</b>	1756.5	1418.3	1093.2	891.6	746.7	630.5	539.7	469.0	355.5	76.5
<b>345</b>	1756.5	1412.9	1088.5	889.2	744.0	627.9	536.7	466.0	352.2	75.3
<b>350</b>	1756.5	1408.3	1084.8	886.9	741.0	624.9	533.4	464.3	348.8	74.5
<b>355</b>	1756.5	1403.6	1080.8	883.5	738.0	621.9	531.1	462.3	344.8	73.6
<b>360</b>	1756.5	1399.3	1077.5	880.9	734.3	620.2	529.1	460.3	339.8	73.0

<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>	19.8	7.6	2.2	1.2	1.0	0.9	0.9	0.8	0.7
<b>5</b>	19.8	7.6	2.2	1.2	1.1	0.9	0.8	0.7	0.7
<b>10</b>	19.7	7.6	2.1	1.2	1.0	0.9	0.9	0.7	0.7
<b>15</b>	19.7	7.5	2.1	1.2	1.0	0.9	0.8	0.8	0.7
<b>20</b>	19.7	7.4	2.1	1.2	1.0	0.9	0.8	0.8	0.7
<b>25</b>	19.7	7.4	2.1	1.2	1.0	0.9	0.8	0.7	0.7
<b>30</b>	19.8	7.4	2.2	1.2	1.0	0.9	0.8	0.8	0.7
<b>35</b>	19.9	7.4	2.2	1.2	1.0	0.9	0.8	0.8	0.7
<b>40</b>	20.0	7.4	2.2	1.2	1.0	0.9	0.8	0.7	0.7
<b>45</b>	20.1	7.4	2.2	1.2	1.0	0.9	0.8	0.7	0.7
<b>50</b>	20.2	7.3	2.2	1.2	1.0	0.9	0.8	0.8	0.7
<b>55</b>	20.3	7.3	2.2	1.2	1.0	0.9	0.8	0.8	0.7
<b>60</b>	20.5	7.3	2.2	1.2	1.0	0.9	0.9	0.8	0.7
<b>65</b>	20.7	7.4	2.2	1.2	1.0	0.9	0.8	0.7	0.7
<b>70</b>	20.9	7.4	2.2	1.2	1.1	0.9	0.8	0.8	0.7
<b>75</b>	21.1	7.4	2.2	1.2	1.1	0.9	0.9	0.7	0.7
<b>80</b>	21.3	7.5	2.3	1.2	1.1	0.9	0.9	0.8	0.7
<b>85</b>	21.6	7.6	2.3	1.3	1.1	1.0	0.9	0.8	0.7
<b>90</b>	21.9	7.7	2.4	1.3	1.1	1.0	0.9	0.8	0.7
<b>95</b>	22.3	7.8	2.4	1.3	1.1	1.0	0.9	0.8	0.7
<b>100</b>	22.6	7.9	2.6	1.3	1.1	1.0	0.9	0.8	0.7

**Photometric Data Table [Unit:cd] SFK8-15-840-HC**

105	23.0	8.1	2.7	1.3	1.1	1.0	0.9	0.8	0.7
110	23.4	8.2	2.8	1.4	1.2	1.0	0.9	0.8	0.7
115	23.9	8.3	2.8	1.4	1.2	1.0	0.9	0.8	0.7
120	24.3	8.5	2.9	1.4	1.2	1.1	0.9	0.8	0.7
125	24.7	8.6	3.0	1.4	1.2	1.1	0.9	0.8	0.7
130	25.1	8.8	3.0	1.5	1.2	1.1	0.9	0.8	0.7
135	25.4	8.9	3.1	1.5	1.2	1.1	0.9	0.8	0.7
140	25.8	9.0	3.1	1.5	1.2	1.1	0.9	0.8	0.7
145	26.0	9.1	3.1	1.5	1.2	1.1	0.9	0.8	0.7
150	26.2	9.1	3.1	1.4	1.2	1.1	0.9	0.8	0.7
155	26.4	9.1	3.1	1.4	1.2	1.0	0.9	0.8	0.7
160	26.6	9.1	3.1	1.4	1.2	1.0	0.9	0.8	0.7
165	26.7	9.1	3.0	1.4	1.2	1.1	0.9	0.8	0.7
170	26.8	9.1	3.0	1.4	1.2	1.0	0.9	0.8	0.7
175	26.8	9.1	3.0	1.3	1.1	1.0	0.9	0.8	0.7
180	26.8	9.0	3.0	1.3	1.1	1.0	0.9	0.8	0.7
185	26.8	9.0	2.9	1.3	1.1	1.0	0.9	0.8	0.7
190	26.7	9.0	2.9	1.3	1.1	1.0	0.9	0.8	0.7
195	26.6	8.9	2.9	1.3	1.1	1.0	0.8	0.8	0.7
200	26.5	8.8	2.9	1.3	1.1	1.0	0.9	0.8	0.7
205	26.4	8.8	2.9	1.3	1.1	1.0	0.9	0.8	0.7
210	26.3	8.7	2.9	1.3	1.1	0.9	0.9	0.8	0.7
215	26.1	8.7	2.9	1.3	1.1	0.9	0.9	0.8	0.7
220	26.0	8.6	2.9	1.2	1.1	0.9	0.9	0.8	0.7
225	25.8	8.6	2.8	1.3	1.1	0.9	0.8	0.8	0.7
230	25.6	8.5	2.8	1.2	1.1	0.9	0.9	0.8	0.7
235	25.4	8.5	2.8	1.2	1.1	0.9	0.9	0.8	0.7
240	25.2	8.4	2.7	1.3	1.1	0.9	0.9	0.8	0.7
245	25.0	8.4	2.7	1.3	1.1	0.9	0.8	0.8	0.7
250	24.8	8.3	2.7	1.3	1.1	0.9	0.8	0.8	0.7
255	24.6	8.3	2.7	1.2	1.1	0.9	0.8	0.8	0.7
260	24.3	8.3	2.7	1.2	1.1	0.9	0.9	0.8	0.7
265	24.1	8.2	2.7	1.2	1.1	0.9	0.8	0.8	0.7
270	23.8	8.2	2.6	1.3	1.1	0.9	0.8	0.8	0.7
275	23.6	8.2	2.7	1.3	1.1	0.9	0.8	0.8	0.7
280	23.4	8.2	2.7	1.3	1.1	0.9	0.9	0.8	0.7
285	23.1	8.2	2.7	1.3	1.1	1.0	0.9	0.8	0.7
290	22.9	8.2	2.7	1.3	1.1	1.0	0.9	0.8	0.7
295	22.7	8.2	2.7	1.4	1.1	1.0	0.9	0.8	0.7
300	22.4	8.2	2.7	1.3	1.1	1.0	0.9	0.8	0.7
305	22.2	8.2	2.7	1.3	1.2	1.0	0.9	0.8	0.7
310	22.0	8.2	2.7	1.3	1.2	1.0	0.9	0.8	0.7
315	21.7	8.2	2.6	1.4	1.2	1.0	0.9	0.8	0.7
320	21.4	8.1	2.6	1.3	1.1	1.0	0.9	0.8	0.7
325	21.2	8.1	2.6	1.3	1.2	1.0	0.9	0.8	0.7
330	20.9	8.0	2.5	1.3	1.1	1.0	0.9	0.8	0.7
335	20.7	8.0	2.5	1.3	1.1	1.0	0.8	0.8	0.7
340	20.4	7.9	2.4	1.3	1.1	1.0	0.8	0.8	0.7
345	20.3	7.8	2.3	1.2	1.1	1.0	0.9	0.8	0.7

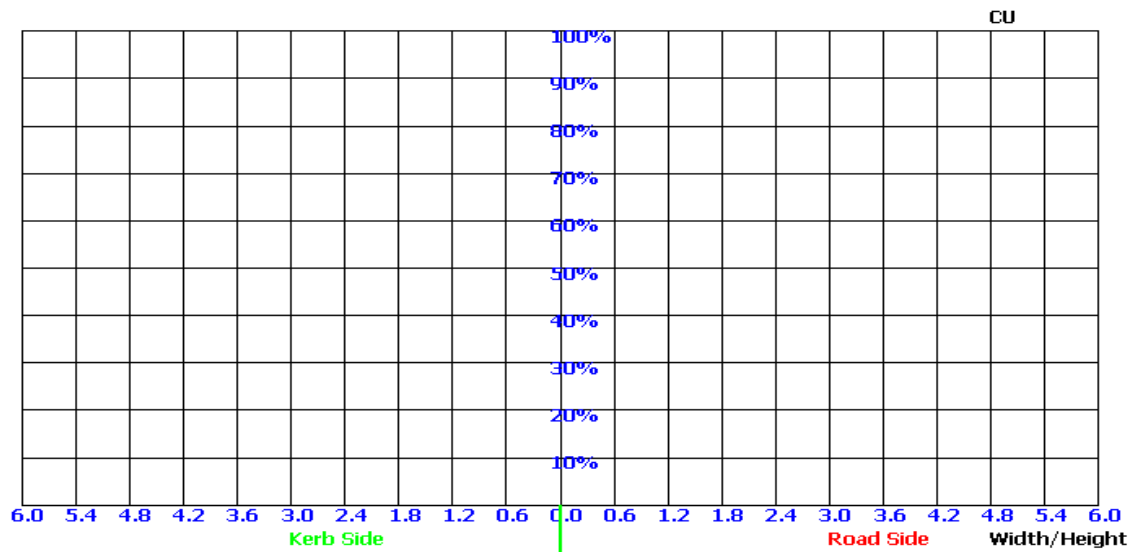
**Photometric Data Table [Unit:cd] SFK8-15-840-HC**

<b>350</b>	20.1	7.7	2.3	1.2	1.1	0.9	0.9	0.7	0.7
<b>355</b>	19.9	7.7	2.2	1.2	1.1	0.9	0.9	0.7	0.7
<b>360</b>	19.8	7.6	2.2	1.2	1.0	0.9	0.9	0.8	0.7

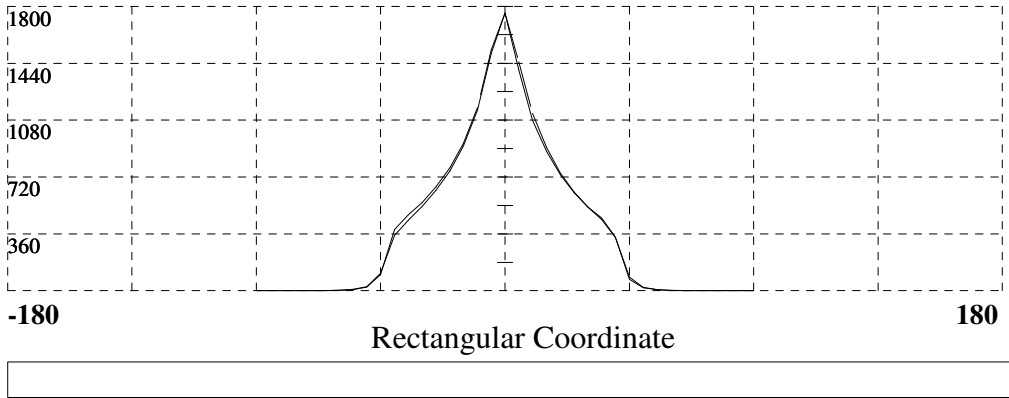
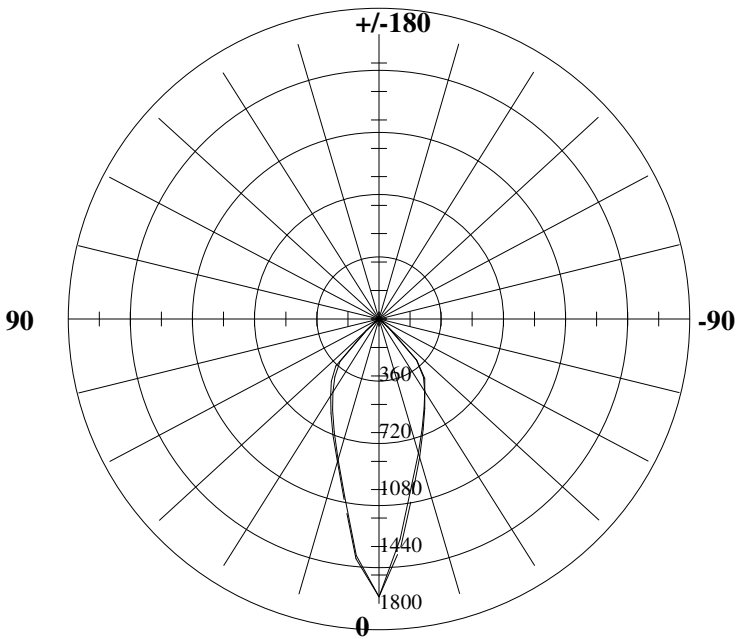
**Zonal FluxSFK8-15-840-HC**

<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>	1756.48	0.00	0.00	0.00	0.00
<b>5</b>	1467.41	38.54	38.54	-3854.07	-3854.07
<b>10</b>	1125.49	92.76	131.30	-9275.62	-13129.69
<b>15</b>	907.44	120.59	251.89	-12059.23	-25188.92
<b>20</b>	753.52	136.89	388.78	-13688.67	-38877.59
<b>25</b>	635.79	145.71	534.49	-14571.26	-53448.85
<b>30</b>	540.49	148.86	683.35	-14885.94	-68334.76
<b>35</b>	461.73	147.58	830.93	-14758.49	-83093.25
<b>40</b>	354.63	136.20	967.14	-13620.43	-96713.67
<b>45</b>	92.66	82.82	1049.96	-8281.89	-104995.56
<b>50</b>	23.17	23.40	1073.36	-2340.41	-107335.96
<b>55</b>	8.21	6.82	1080.18	-682.21	-108018.08
<b>60</b>	2.62	2.50	1082.68	-250.23	-108268.40
<b>65</b>	1.29	0.95	1083.64	-95.09	-108363.48
<b>70</b>	1.11	0.61	1084.24	-60.77	-108424.16
<b>75</b>	0.97	0.54	1084.79	-54.25	-108478.55
<b>80</b>	0.87	0.49	1085.28	-49.11	-108527.58
<b>85</b>	0.77	0.45	1085.72	-44.59	-108572.35
<b>90</b>	0.69	0.40	1086.12	-39.97	-108612.37

**ILSUNG**  
**Coefficient Utilization Curve SFK8-15-840-HC**

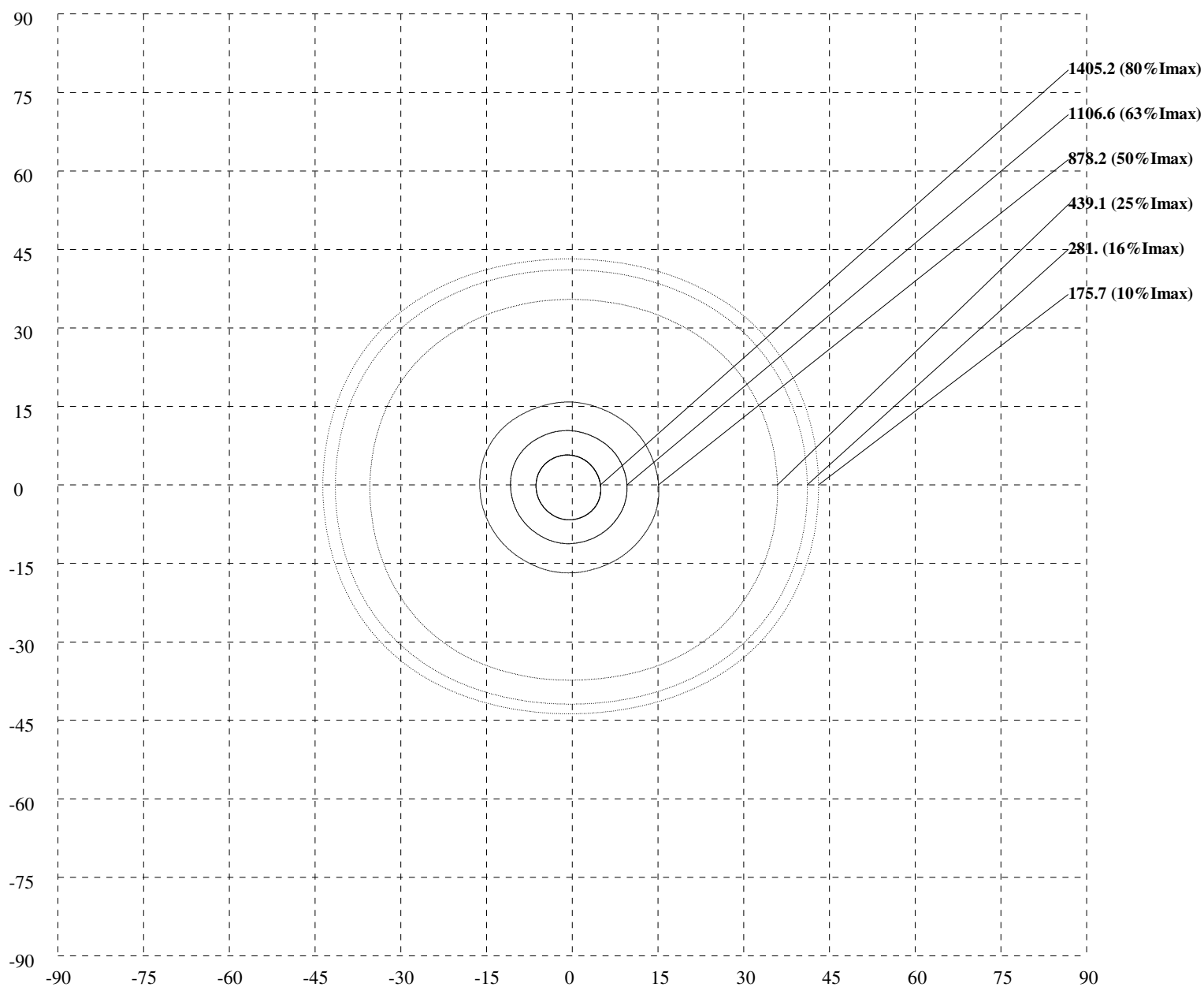


Light Distribution Curve[Unit: cd]

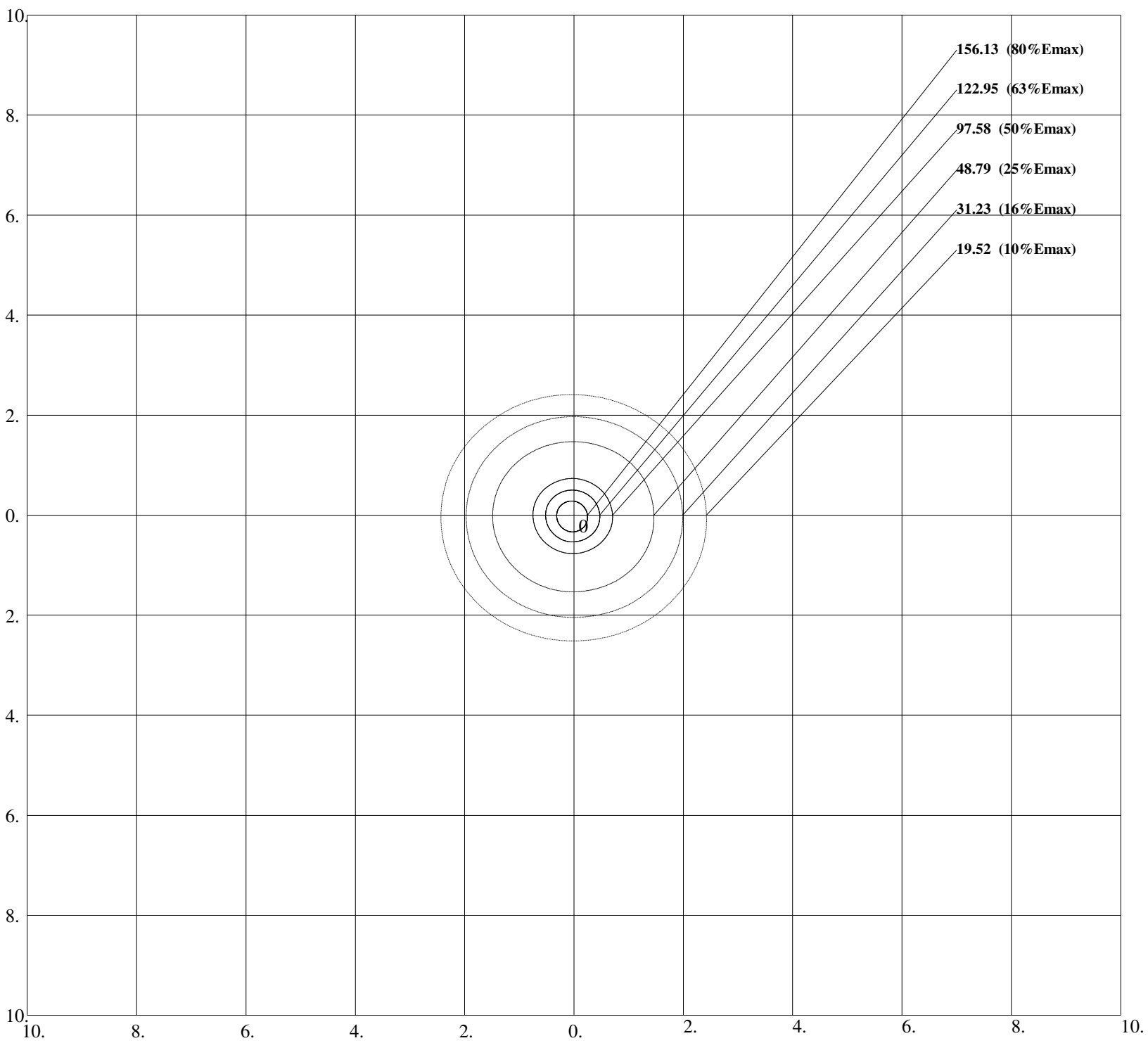




**ISO-Candela V-H [Unit :cd]SFK8-15-840-HC**



Iso-Lux [Unit :lx]SFK8-15-840-HC



Units: lx  
Height: 3 m  
Max Illuminance : 195.16lx

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

