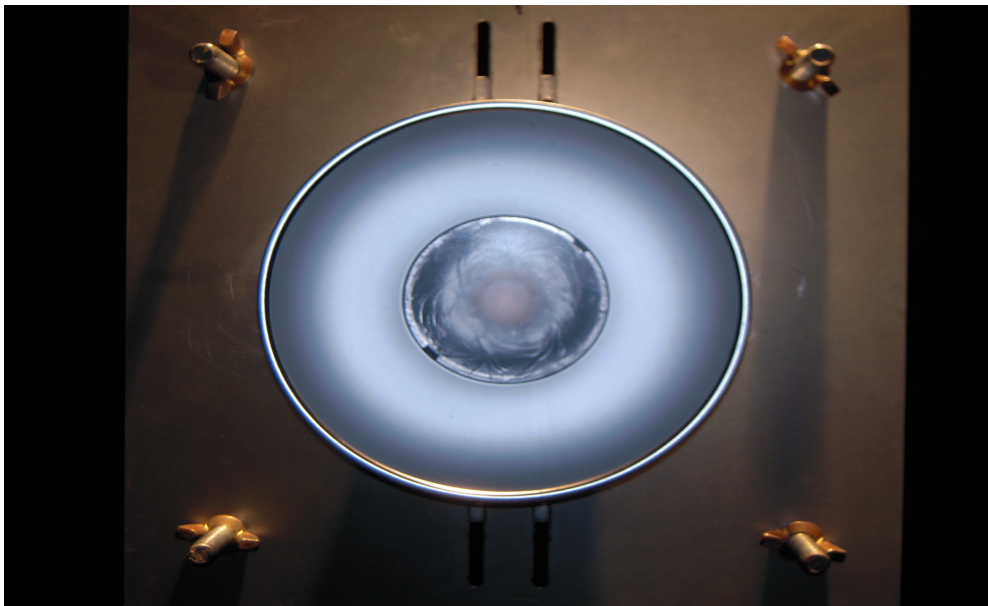


Test Report of Luminaire

Report No.:

Luminaire Type	SFK8-15-827-HC		
Lamp Type	LED_DOB		
Client		EUT NO.	CCT: 2809K, CRI: 82.2Ra
Luminaire Parameters:			
Voltage	120.2	Current	0.128
Power:	15.3	Power Factor	0.991
Frequency:	60Hz	Tc	2700K
Photometric Parameters			
Luminaire Flux	1016.82 lm	Luminaire Eff.	Data imperfect...!
Max Intensity	1643.001cd	Central Intensity	1643.001cd
Angle of Max Intensity:	C:0 G:0		
Upward Flux Ratio	0.0%		
Downward Flux Ratio	-101681.5%		
50%Imax Beam Width	C0_180[15.2 , -16.9] C90_270[15.8 , -16.1]		
Remark			

Luminaire Figure



Photometric Data Table [Unit:cd] SFK8-15-827-HC

C\G	0	5	10	15	20	25	30	35	40	45
0	1643.0	1330.5	1022.1	827.5	688.9	580.1	486.3	406.9	271.0	63.3
5	1643.0	1327.8	1020.4	826.8	687.9	579.1	485.3	405.6	269.0	62.7
10	1643.0	1325.8	1019.1	826.8	687.3	577.1	484.0	404.6	266.4	61.8
15	1643.0	1323.8	1017.4	826.8	686.6	575.1	482.7	403.2	264.0	61.4
20	1643.0	1322.8	1016.1	826.8	686.9	574.1	481.7	401.9	263.0	61.0
25	1643.0	1321.5	1014.7	826.5	686.6	572.8	480.7	401.2	262.4	60.8
30	1643.0	1320.5	1013.1	825.8	685.9	571.5	479.3	400.9	262.4	60.8
35	1643.0	1320.8	1012.4	826.1	685.3	571.8	479.3	400.9	263.0	61.0
40	1643.0	1321.5	1011.7	824.5	684.6	571.5	479.3	402.2	265.0	61.4
45	1643.0	1322.8	1011.7	824.1	684.9	572.5	480.7	403.6	267.7	61.8
50	1643.0	1324.8	1011.7	823.5	685.3	574.5	482.7	405.9	270.4	62.7
55	1643.0	1327.5	1013.1	823.5	686.9	577.1	485.0	408.6	275.0	63.5
60	1643.0	1330.8	1015.1	824.8	688.9	580.1	488.7	411.9	279.7	64.7
65	1643.0	1334.8	1018.4	826.8	690.6	584.1	493.0	415.9	285.1	66.1
70	1643.0	1339.2	1023.1	830.8	693.6	588.5	498.0	419.9	291.4	67.6
75	1643.0	1344.5	1027.4	833.8	697.0	592.5	502.4	424.9	298.1	69.5
80	1643.0	1349.9	1032.1	837.5	700.0	596.2	506.4	429.3	305.4	71.4
85	1643.0	1355.9	1037.8	840.8	703.3	599.2	510.4	433.3	312.4	73.5
90	1643.0	1362.5	1042.8	845.2	705.6	601.5	512.0	435.9	319.1	75.5
95	1643.0	1368.6	1047.8	849.2	709.3	603.5	514.0	438.9	325.4	77.8
100	1643.0	1374.9	1052.8	853.5	712.0	604.8	514.4	440.3	331.8	80.1
105	1643.0	1381.9	1058.5	857.5	716.0	605.8	516.0	440.9	336.5	82.6
110	1643.0	1387.9	1063.5	862.5	720.3	607.2	516.7	442.9	341.5	85.0
115	1643.0	1394.3	1070.5	866.9	723.3	609.5	518.0	443.9	346.1	87.3
120	1643.0	1401.3	1075.5	870.9	725.7	610.5	518.7	444.3	350.8	89.7
125	1643.0	1406.6	1080.5	874.2	727.3	610.2	519.4	444.3	354.8	92.0
130	1643.0	1411.6	1084.2	875.9	729.0	612.5	520.0	445.3	359.2	94.4
135	1643.0	1415.9	1087.2	877.2	729.7	612.8	520.0	445.9	363.2	96.5
140	1643.0	1419.0	1088.8	878.2	727.7	612.8	522.1	448.3	365.8	98.7
145	1643.0	1420.6	1090.5	877.5	726.3	615.5	524.1	450.3	369.5	100.6
150	1643.0	1421.6	1091.5	877.2	727.3	616.5	526.1	453.0	371.5	102.5
155	1643.0	1421.0	1091.2	877.5	727.3	618.2	527.4	454.3	374.8	104.2
160	1643.0	1420.3	1090.8	879.2	727.3	618.5	529.1	456.0	376.9	105.7
165	1643.0	1418.0	1090.2	879.5	727.0	619.2	530.1	457.6	378.5	107.3
170	1643.0	1415.6	1089.5	880.2	727.3	619.2	530.1	457.0	379.2	108.2
175	1643.0	1412.6	1088.2	878.5	727.3	619.5	530.1	456.0	380.2	109.2
180	1643.0	1409.6	1085.8	877.2	727.7	618.5	528.1	455.3	379.9	109.7
185	1643.0	1406.3	1084.2	875.2	727.3	615.8	526.7	452.6	379.5	110.2
190	1643.0	1402.6	1081.5	872.9	726.0	614.8	524.7	451.3	379.9	110.5
195	1643.0	1398.3	1078.2	871.2	725.3	613.2	522.1	449.6	379.9	110.6
200	1643.0	1394.3	1075.5	869.2	725.0	611.5	520.0	448.0	378.9	110.7
205	1643.0	1390.6	1071.8	867.9	724.7	609.2	518.7	447.3	378.2	110.2
210	1643.0	1386.9	1068.1	865.2	722.3	607.2	517.4	445.6	376.9	109.8
215	1643.0	1383.2	1064.5	862.5	719.7	606.5	516.7	444.6	375.9	108.8
220	1643.0	1380.2	1062.5	860.2	717.3	605.2	516.0	443.6	374.2	107.8
225	1643.0	1377.9	1060.5	858.5	715.7	604.5	514.7	443.9	372.2	106.5
230	1643.0	1375.2	1058.8	856.8	713.6	604.2	516.4	442.9	369.2	105.2
235	1643.0	1373.9	1057.5	855.5	712.0	604.2	515.7	443.6	367.5	103.6

Photometric Data Table [Unit:cd] SFK8-15-827-HC

240	1643.0	1372.6	1056.8	854.8	711.3	604.5	517.0	443.6	365.5	102.4
245	1643.0	1372.2	1057.1	854.8	711.3	604.2	517.0	443.9	362.2	101.0
250	1643.0	1371.6	1057.8	855.2	709.6	604.5	517.0	443.9	359.8	99.8
255	1643.0	1371.6	1058.5	855.5	709.0	604.8	517.7	443.6	357.5	98.4
260	1643.0	1372.2	1059.8	855.5	709.6	604.2	517.0	442.3	355.5	96.8
265	1643.0	1372.2	1061.1	854.5	709.6	603.8	516.4	441.3	352.8	95.3
270	1643.0	1372.6	1061.8	854.5	709.3	602.8	515.0	439.3	350.5	93.4
275	1643.0	1372.9	1061.8	855.2	708.0	601.5	513.7	437.6	347.5	91.7
280	1643.0	1372.2	1062.5	856.2	708.3	599.2	512.0	435.9	344.8	89.8
285	1643.0	1371.9	1062.1	856.2	708.6	598.5	509.4	434.6	342.1	88.0
290	1643.0	1370.6	1060.8	856.5	708.3	597.2	508.0	432.6	338.1	86.2
295	1643.0	1369.2	1059.5	856.2	707.3	595.8	506.4	431.3	333.8	84.1
300	1643.0	1367.2	1056.8	855.2	706.3	594.5	505.4	429.6	328.5	82.1
305	1643.0	1364.9	1054.5	853.5	705.3	592.5	503.4	427.3	323.1	79.9
310	1643.0	1361.5	1050.4	850.2	703.3	591.1	502.4	426.3	318.1	77.8
315	1643.0	1357.9	1046.8	846.8	701.0	589.8	500.0	423.9	311.8	75.7
320	1643.0	1354.5	1042.8	843.5	698.3	588.1	498.4	421.2	305.4	73.7
325	1643.0	1350.9	1039.4	839.8	696.3	587.8	496.4	419.2	299.4	72.0
330	1643.0	1346.9	1037.1	838.2	694.6	586.1	495.3	416.6	294.4	70.4
335	1643.0	1343.5	1033.8	835.5	693.3	585.5	493.7	414.9	289.1	69.0
340	1643.0	1340.2	1030.8	833.1	691.6	585.8	492.7	412.6	285.1	67.7
345	1643.0	1337.5	1027.7	830.5	690.3	584.5	491.3	411.2	281.1	66.6
350	1643.0	1334.5	1025.4	828.8	688.9	583.1	489.7	409.9	277.0	65.4
355	1643.0	1331.8	1023.7	827.8	688.6	581.8	488.0	408.6	274.4	64.4
360	1643.0	1330.5	1022.1	827.5	688.9	580.1	486.3	406.9	271.0	63.3

C\G	50	55	60	65	70	75	80	85	90
0	16.8	6.2	2.0	1.3	1.1	1.0	0.9	0.8	0.7
5	16.7	6.1	1.9	1.3	1.1	1.0	0.9	0.8	0.7
10	16.5	6.0	1.9	1.3	1.1	1.0	0.9	0.8	0.7
15	16.3	5.9	1.8	1.3	1.1	0.9	0.9	0.8	0.7
20	16.1	5.9	1.8	1.2	1.1	0.9	0.9	0.8	0.7
25	16.1	5.8	1.8	1.2	1.1	0.9	0.9	0.7	0.7
30	16.0	5.8	1.7	1.2	1.0	0.9	0.8	0.7	0.7
35	15.9	5.8	1.7	1.2	1.0	0.9	0.8	0.8	0.7
40	16.0	5.7	1.7	1.2	1.0	0.9	0.8	0.8	0.7
45	16.0	5.8	1.7	1.2	1.0	0.9	0.8	0.7	0.7
50	16.2	5.8	1.8	1.1	1.0	0.9	0.8	0.8	0.7
55	16.3	5.8	1.8	1.1	1.0	0.9	0.8	0.8	0.7
60	16.5	5.9	1.8	1.2	1.0	0.9	0.8	0.7	0.7
65	16.7	5.9	1.9	1.1	1.0	0.9	0.8	0.7	0.7
70	17.1	6.0	1.9	1.2	1.0	0.9	0.8	0.7	0.7
75	17.4	6.1	2.0	1.2	1.0	0.9	0.8	0.8	0.7
80	17.8	6.2	2.0	1.2	1.0	0.9	0.8	0.8	0.7
85	18.2	6.4	2.1	1.2	1.0	0.9	0.8	0.7	0.7
90	18.7	6.5	2.1	1.2	1.0	0.9	0.8	0.8	0.7
95	19.1	6.7	2.1	1.2	1.0	0.9	0.9	0.7	0.7
100	19.7	6.8	2.2	1.2	1.0	0.9	0.8	0.8	0.7

Photometric Data Table [Unit:cd] SFK8-15-827-HC

105	20.2	7.0	2.2	1.2	1.0	0.9	0.8	0.8	0.7
110	20.7	7.2	2.3	1.2	1.0	0.9	0.8	0.8	0.7
115	21.3	7.4	2.4	1.2	1.0	0.9	0.8	0.8	0.7
120	21.9	7.7	2.5	1.2	1.0	0.9	0.8	0.8	0.7
125	22.6	7.9	2.6	1.2	1.0	0.9	0.9	0.8	0.7
130	23.2	8.1	2.7	1.2	1.1	0.9	0.8	0.8	0.7
135	23.8	8.4	2.8	1.2	1.1	1.0	0.8	0.8	0.7
140	24.5	8.6	2.9	1.2	1.1	1.0	0.9	0.8	0.7
145	25.1	8.9	3.0	1.3	1.1	1.0	0.9	0.8	0.7
150	25.8	9.2	3.2	1.3	1.1	1.0	0.9	0.8	0.7
155	26.3	9.4	3.3	1.3	1.1	1.0	0.9	0.8	0.7
160	26.9	9.7	3.4	1.3	1.2	1.0	0.9	0.8	0.7
165	27.3	9.9	3.5	1.3	1.2	1.0	0.9	0.8	0.7
170	27.7	10.1	3.6	1.3	1.2	1.0	0.9	0.8	0.7
175	28.1	10.2	3.6	1.4	1.2	1.0	0.9	0.8	0.7
180	28.3	10.3	3.7	1.3	1.1	1.0	0.9	0.8	0.7
185	28.5	10.3	3.7	1.3	1.1	1.0	0.9	0.8	0.7
190	28.6	10.4	3.7	1.3	1.1	1.0	0.9	0.8	0.7
195	28.7	10.4	3.7	1.3	1.1	1.0	0.9	0.8	0.7
200	28.8	10.4	3.7	1.3	1.1	1.0	0.9	0.8	0.7
205	28.7	10.3	3.6	1.2	1.1	1.0	0.9	0.8	0.7
210	28.6	10.3	3.6	1.2	1.1	0.9	0.8	0.8	0.7
215	28.5	10.2	3.6	1.2	1.1	0.9	0.8	0.8	0.7
220	28.2	10.1	3.6	1.2	1.0	0.9	0.8	0.8	0.7
225	28.0	10.0	3.5	1.2	1.0	0.9	0.8	0.8	0.7
230	27.7	9.9	3.4	1.2	1.0	0.9	0.8	0.8	0.7
235	27.4	9.7	3.4	1.2	1.0	0.9	0.8	0.8	0.7
240	27.1	9.6	3.3	1.2	1.0	0.9	0.8	0.8	0.7
245	26.7	9.5	3.2	1.2	1.0	0.9	0.8	0.8	0.7
250	26.3	9.3	3.1	1.2	1.0	0.9	0.8	0.8	0.7
255	25.9	9.1	3.0	1.2	1.0	0.9	0.8	0.8	0.7
260	25.4	8.9	2.9	1.2	1.0	0.9	0.8	0.8	0.7
265	25.0	8.7	2.8	1.2	1.0	0.9	0.8	0.8	0.7
270	24.4	8.5	2.7	1.2	1.0	0.9	0.8	0.8	0.7
275	23.8	8.3	2.6	1.2	1.0	0.9	0.8	0.7	0.7
280	23.3	8.1	2.6	1.2	1.0	0.9	0.8	0.8	0.7
285	22.7	7.9	2.5	1.2	1.0	0.9	0.8	0.8	0.7
290	22.1	7.7	2.4	1.2	1.0	0.9	0.8	0.8	0.7
295	21.6	7.6	2.4	1.2	1.0	0.9	0.9	0.8	0.7
300	21.1	7.4	2.3	1.2	1.0	0.9	0.9	0.8	0.7
305	20.5	7.2	2.3	1.2	1.0	0.9	0.8	0.8	0.7
310	20.1	7.1	2.3	1.2	1.1	0.9	0.8	0.8	0.7
315	19.6	6.9	2.2	1.3	1.1	0.9	0.9	0.8	0.7
320	19.1	6.9	2.2	1.3	1.1	0.9	0.8	0.8	0.7
325	18.8	6.8	2.2	1.3	1.1	1.0	0.9	0.8	0.7
330	18.4	6.7	2.2	1.3	1.1	1.0	0.9	0.8	0.7
335	18.1	6.6	2.2	1.3	1.1	1.0	0.9	0.8	0.7
340	17.9	6.5	2.1	1.3	1.2	1.0	0.9	0.8	0.7
345	17.5	6.5	2.1	1.3	1.2	1.0	0.9	0.8	0.7

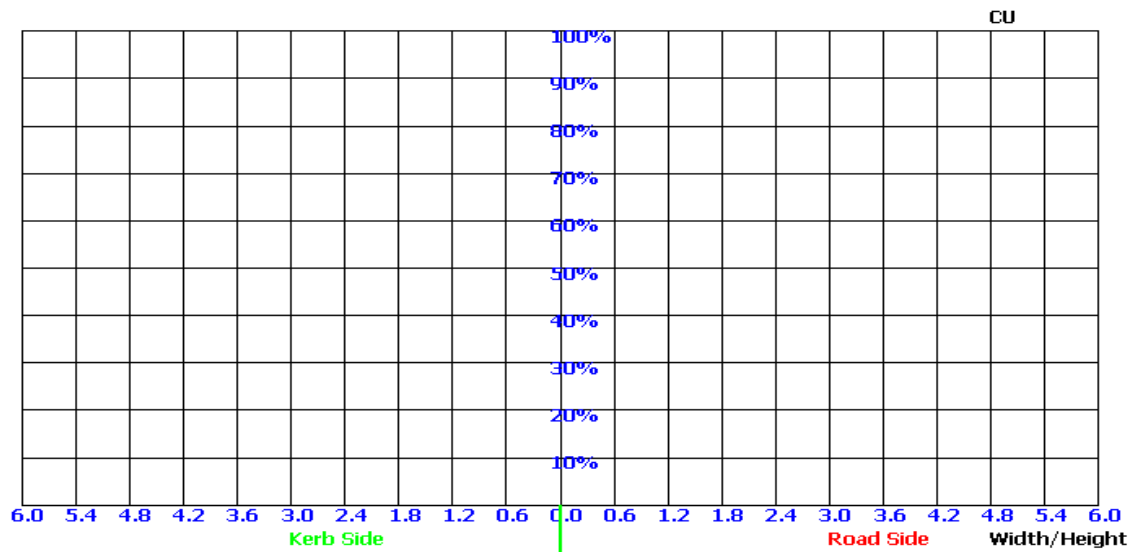
Photometric Data Table [Unit:cd] SFK8-15-827-HC

350	17.3	6.4	2.1	1.3	1.1	1.0	0.9	0.8	0.7
355	17.0	6.3	2.0	1.3	1.1	1.0	0.9	0.8	0.7
360	16.8	6.2	2.0	1.3	1.1	1.0	0.9	0.8	0.7

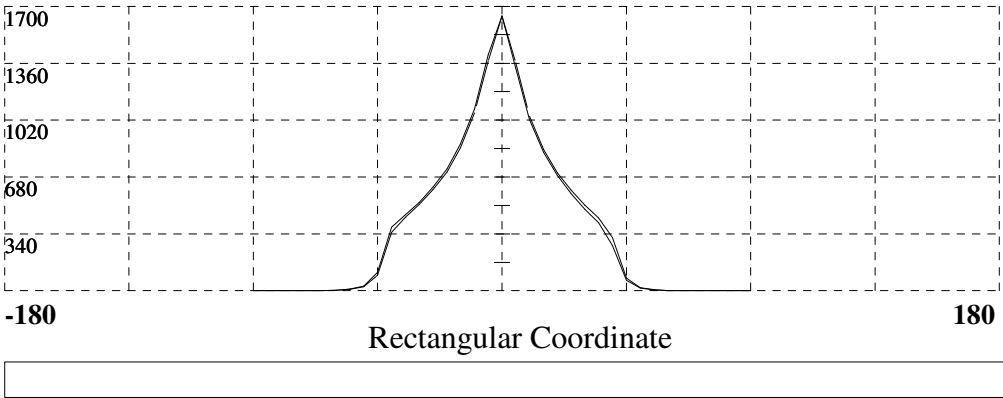
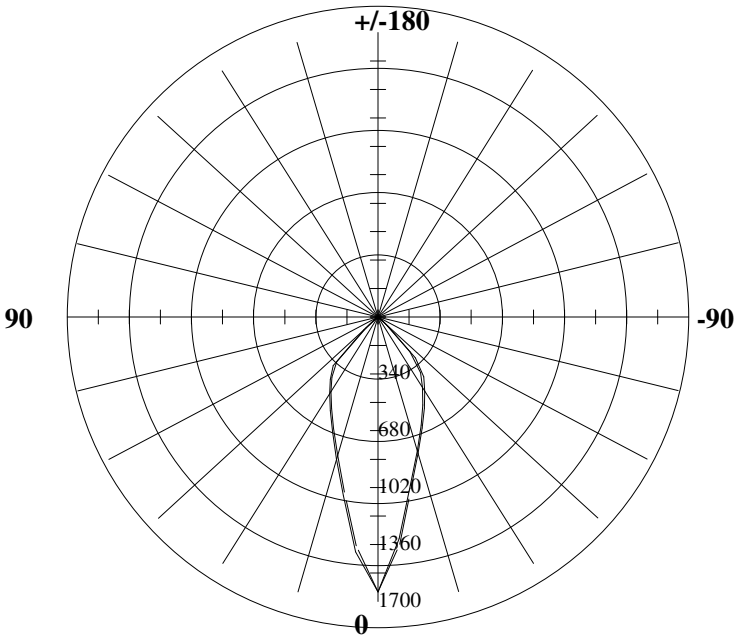
Zonal FluxSFK8-15-827-HC

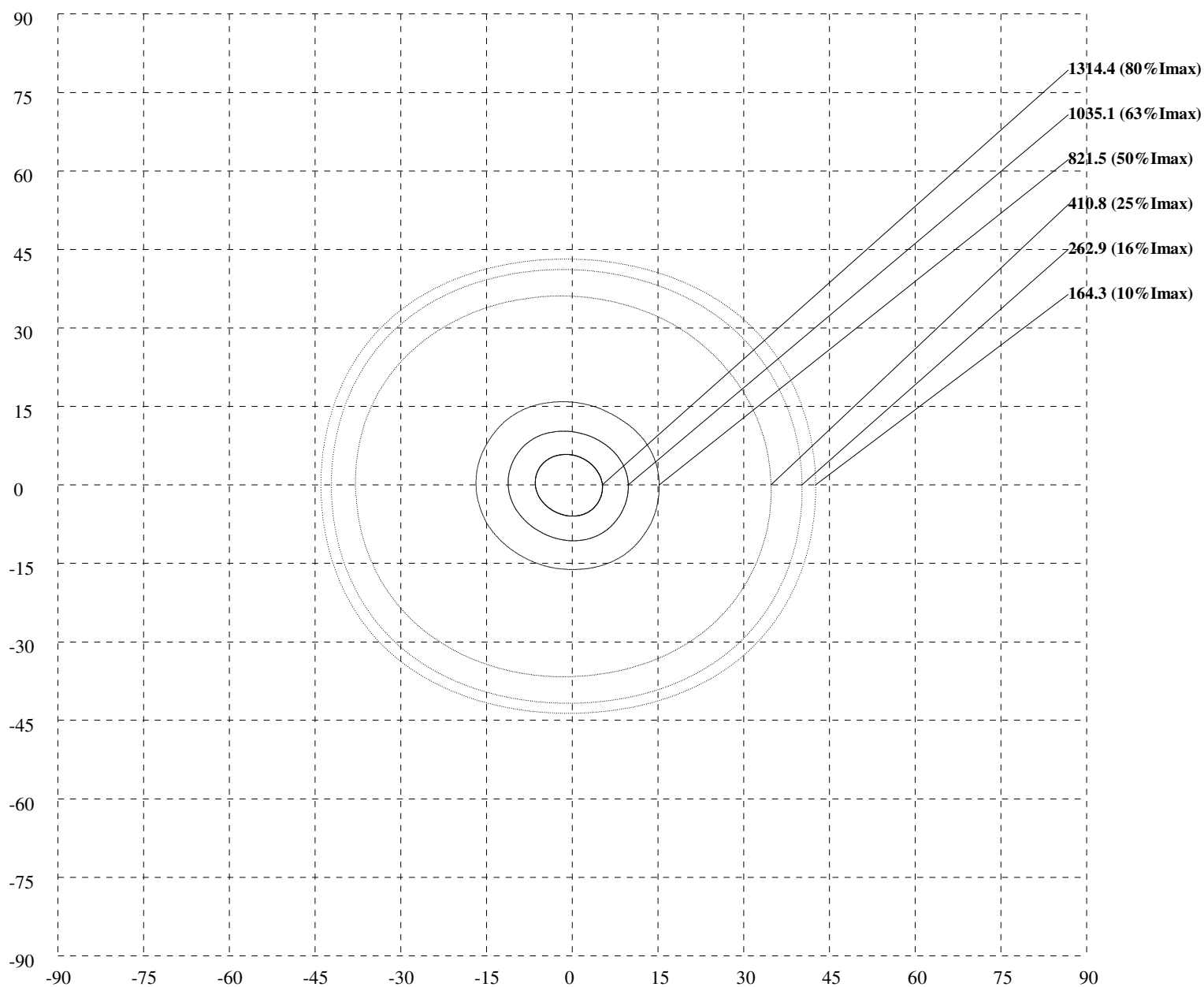
Gamma [°]	I_{mean} [cd]	Zonal Flux [lm]	Sum.Flux [lm]	Zonal Flux [%]	Sum.Flux [%]
0	1643.00	0.00	0.00	0.00	0.00
5	1368.49	36.00	36.00	-3600.16	-3600.16
10	1052.20	86.60	122.60	-8659.57	-12259.73
15	851.45	112.92	235.52	-11292.32	-23552.04
20	707.66	128.49	364.01	-12849.25	-36401.29
25	597.80	136.92	500.93	-13691.91	-50093.21
30	507.43	139.87	640.80	-13986.78	-64079.96
35	431.88	138.32	779.12	-13831.89	-77911.85
40	329.25	126.99	906.11	-12698.74	-90610.58
45	85.38	76.77	982.88	-7677.05	-98287.66
50	21.96	21.69	1004.57	-2168.97	-100456.62
55	7.84	6.48	1011.05	-648.08	-101104.70
60	2.59	2.41	1013.46	-241.13	-101345.83
65	1.23	0.93	1014.39	-92.98	-101438.82
70	1.06	0.58	1014.97	-58.21	-101497.05
75	0.94	0.52	1015.49	-52.40	-101549.40
80	0.85	0.48	1015.97	-47.92	-101597.43
85	0.77	0.44	1016.41	-43.96	-101641.35
90	0.70	0.40	1016.82	-40.07	-101681.47

ILSUNG
Coefficient Utilization Curve SFK8-15-827-HC

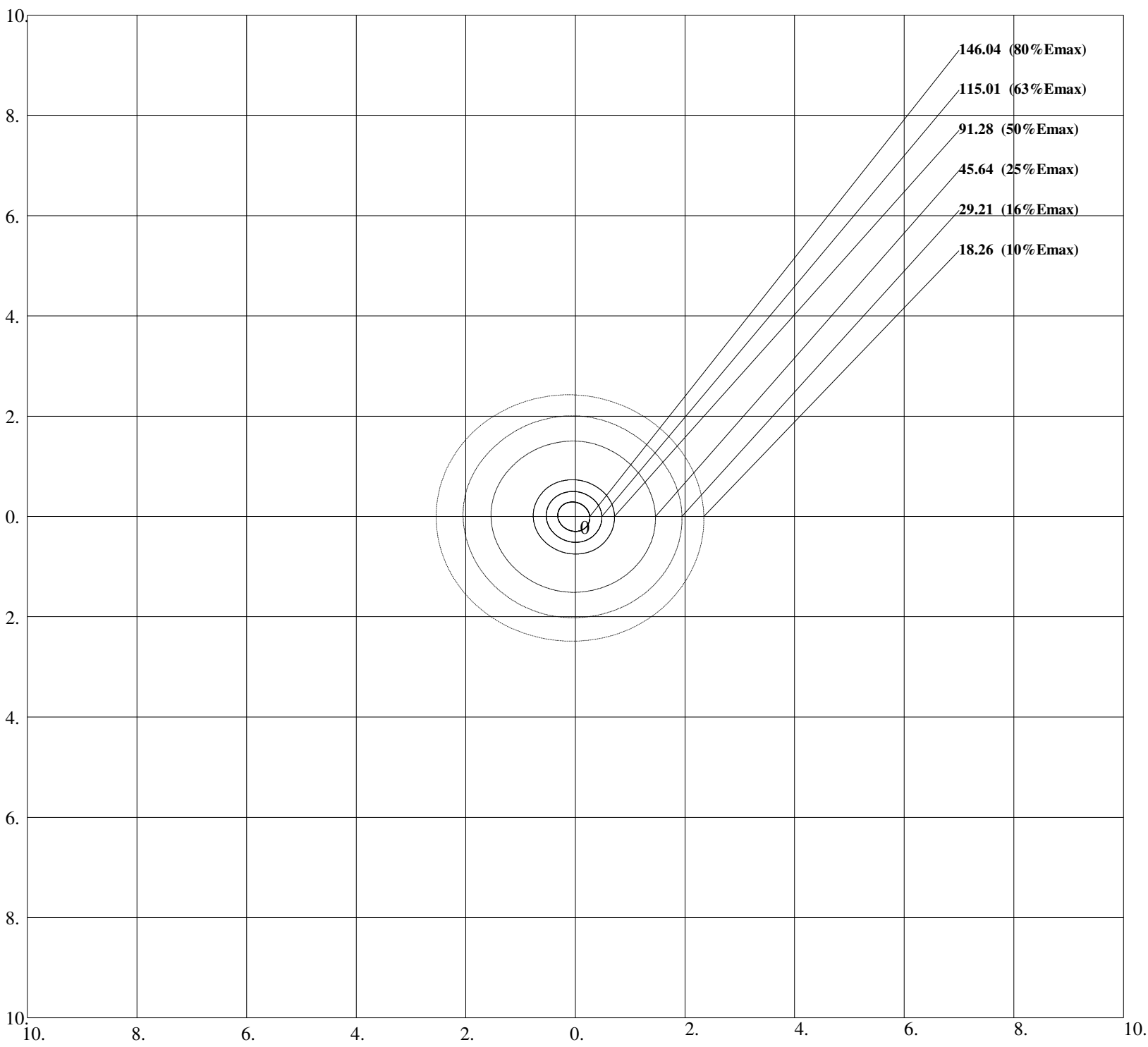


Light Distribution Curve[Unit: cd]





Iso-Lux [Unit :lx]SFK8-15-827-HC



Units: lx
Height: 3 m
Max Illuminance : 182.56lx

ILSUNG
Lux-Distance Curve

