

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P935387

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935387
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

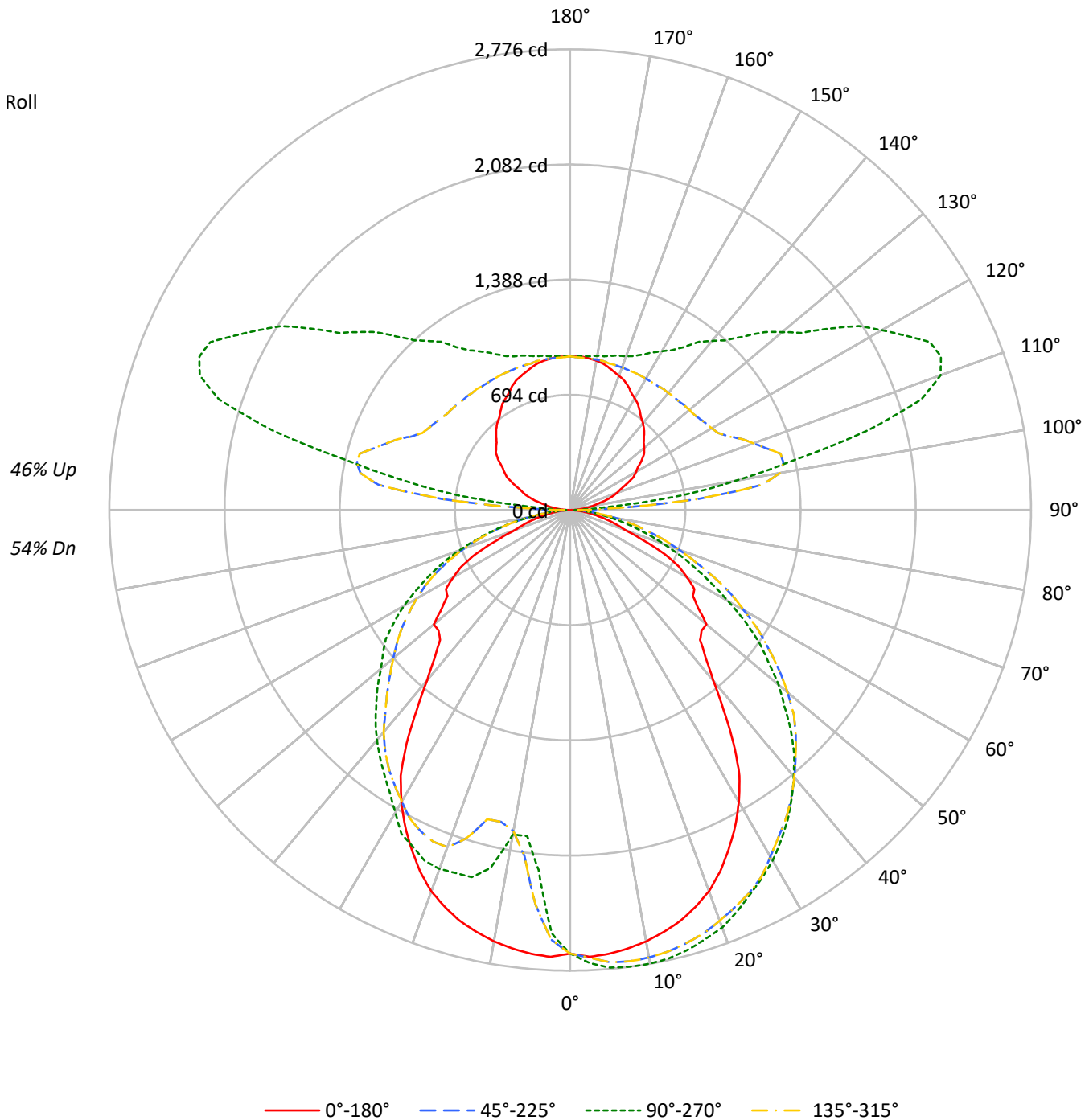
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12934.1 lumens
Efficiency: N/A
Efficacy: 125.3 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 103.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16530	16530	16530	16530
5°	16647	16686	16647	13120
10°	16530	16437	16530	11751
15°	16344	16081	16344	13427
20°	15996	15659	15996	13456
25°	15289	15043	15289	13170
30°	14379	14533	14379	12545
35°	12813	13886	12813	11857
40°	10670	13126	10670	11336
45°	9528	12235	9528	10739
50°	10115	11173	10115	10139
55°	9507	10029	9507	9792
60°	9788	8518	9788	8968
65°	8861	7041	8861	7871
70°	6121	5612	6121	6597
75°	5346	4148	5346	4968
80°	4280	2742	4280	2986
85°	2409	1452	2409	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.2	1.9
10°-20°	684.8	5.3
20°-30°	1058.6	8.2
30°-40°	1263.8	9.8
40°-50°	1271.2	9.8
50°-60°	1106.1	8.6
60°-70°	784.2	6.1
70°-80°	414.9	3.2
80°-90°	106.9	0.8
90°-100°	451.3	3.5
100°-110°	1186.6	9.2
110°-120°	1230.4	9.5
120°-130°	986.9	7.6
130°-140°	774.4	6.0
140°-150°	594.4	4.6
150°-160°	428.0	3.3
160°-170°	261.9	2.0
170°-180°	88.5	0.7
0°-30°	1984.7	15.3
0°-40°	3248.4	25.1
0°-60°	5625.7	43.5
0°-90°	6931.7	53.6
90°-120°	2868.3	22.2
90°-150°	5223.9	40.4
90°-180°	6002.0	46.4
0°-180°	12934.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2672	2672	2672	2672	2672	
5°	2685	2768	2685	2177	2685	255
15°	2563	2743	2563	2290	2563	721
25°	2257	2558	2257	2240	2257	1037
35°	1716	2283	1716	1949	1716	1062
45°	1107	1881	1107	1651	1107	887
55°	902	1388	902	1355	902	829
65°	627	837	627	935	627	599
75°	238	397	238	475	238	250
85°	40	101	40	86	40	55
90°	6	24	6	24	6	7
95°	60	273	60	273	60	66
105°	214	1858	214	1858	214	227
115°	380	2392	380	2392	380	375
125°	528	1905	528	1905	528	469
135°	630	1478	630	1478	630	487
145°	730	1199	730	1199	730	457
155°	825	1033	825	1033	825	379
165°	890	962	890	962	890	251
175°	926	932	926	932	926	88
180°	926	926	926	926	926	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2694.8	2694.8	2710.0	2715.0	2715.0	2707.4	2699.9	2707.4	2730.2	2737.8	2735.2
5°	2684.7	2704.9	2732.7	2737.8	2742.9	2740.3	2735.2	2740.3	2765.6	2770.7	2773.2
7.5°	2664.5	2702.3	2737.8	2745.4	2752.9	2745.4	2742.9	2747.9	2773.2	2778.2	2778.2
10°	2639.2	2692.3	2732.7	2737.8	2745.4	2737.8	2737.8	2747.9	2773.2	2778.2	2780.7
12.5°	2603.8	2677.1	2715.0	2720.1	2730.2	2727.6	2725.2	2735.2	2760.5	2765.6	2765.6
15°	2563.4	2649.3	2684.7	2689.8	2707.4	2702.3	2702.3	2712.5	2740.3	2747.9	2745.4
17.5°	2507.7	2613.9	2654.3	2661.9	2674.6	2672.1	2674.6	2684.7	2710.0	2715.0	2717.6
20°	2444.6	2565.9	2613.9	2621.5	2634.1	2634.1	2634.1	2646.8	2672.1	2682.1	2682.1
22.5°	2358.6	2515.3	2565.9	2571.0	2586.1	2586.1	2591.2	2608.8	2631.6	2634.1	2634.1
25°	2257.4	2459.7	2502.6	2517.9	2533.0	2540.6	2548.2	2558.3	2565.9	2563.4	2565.9
27.5°	2151.3	2388.9	2444.6	2454.6	2474.9	2482.4	2492.6	2495.1	2497.7	2505.2	2500.2
30°	2032.4	2290.3	2373.8	2383.8	2416.7	2421.8	2411.7	2416.7	2429.3	2434.4	2439.5
32.5°	1898.5	2143.7	2300.5	2323.2	2353.5	2338.4	2335.8	2343.4	2363.6	2363.6	2368.7
35°	1716.5	2029.9	2232.2	2252.5	2275.2	2257.4	2267.6	2270.1	2282.7	2290.3	2287.8
37.5°	1516.8	1931.3	2161.4	2176.6	2194.3	2171.5	2186.7	2194.3	2204.3	2199.4	2199.4
40°	1339.8	1777.2	2078.0	2088.1	2103.3	2085.5	2100.8	2105.8	2110.8	2105.8	2103.3
42.5°	1208.3	1607.7	1989.5	2002.2	1992.0	2004.6	2009.7	2019.9	2012.2	2002.2	2002.2
45°	1107.3	1562.3	1893.4	1908.6	1893.4	1913.7	1921.3	1921.3	1898.5	1893.4	1890.9
47.5°	1074.4	1471.3	1797.4	1797.4	1789.8	1815.1	1827.8	1810.0	1787.2	1779.7	1779.7
50°	1071.9	1370.2	1665.9	1655.8	1691.2	1721.6	1708.9	1691.2	1673.5	1645.7	1645.7
52.5°	973.3	1246.3	1496.6	1534.4	1590.1	1607.7	1587.5	1569.9	1539.5	1526.9	1516.8
55°	902.5	1117.3	1342.3	1418.2	1476.4	1499.1	1461.1	1443.5	1398.0	1390.4	1385.3
57.5°	887.3	930.3	1200.8	1296.9	1367.6	1365.1	1342.3	1309.4	1271.6	1264.0	1261.4
60°	814.0	672.4	1049.1	1162.8	1236.1	1228.6	1208.3	1178.1	1142.6	1137.6	1132.6
62.5°	738.1	487.9	877.2	1006.2	1109.7	1107.3	1089.5	1044.0	1018.8	1006.2	996.0
65°	627.0	409.6	624.4	836.7	985.9	990.9	953.1	920.2	892.4	877.2	874.7
67.5°	477.8	333.7	422.2	697.7	867.1	862.0	814.0	798.8	763.4	755.9	740.7
70°	353.9	222.5	293.2	566.2	750.8	738.1	700.3	682.6	649.7	632.0	621.9
72.5°	293.2	179.5	214.8	439.8	632.0	616.8	584.0	563.7	535.9	520.8	510.6
75°	237.6	189.6	164.3	326.1	513.1	503.1	472.7	452.5	429.8	409.6	412.0
77.5°	174.4	177.0	131.5	240.1	407.0	391.8	374.1	348.9	338.7	318.5	318.5
80°	131.5	139.0	98.6	164.3	293.2	293.2	278.1	260.4	242.7	232.6	232.6
82.5°	88.4	88.4	73.3	103.7	199.7	192.1	182.0	177.0	166.8	161.8	161.8
85°	40.4	50.6	45.5	63.2	108.7	113.7	113.7	108.7	106.2	101.1	103.7
87.5°	12.6	22.7	27.8	35.4	55.6	58.2	60.7	60.7	60.7	63.2	63.2
90°	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5	23.6	23.6
92.5°	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3	118.0	113.3
95°	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3	400.8	386.5
97.5°	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7	925.3	898.2
100°	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6	1299.4	1267.1
102.5°	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7	1618.8	1591.2
105°	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0	1991.6	1976.8
107.5°	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4	2185.5	2189.1
110°	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8	2235.2	2250.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9	2203.6	2227.3
115°	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7	2096.1	2129.0
117.5°	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0	1947.5	1984.0
120°	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1	1847.5	1882.9
122.5°	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7	1747.4	1782.4
125°	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3	1615.1	1647.4
127.5°	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1	1508.8	1536.0
130°	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7	1441.7	1466.8
132.5°	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1	1384.5	1407.0
135°	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8	1303.8	1323.2
137.5°	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6	1244.1	1259.9
140°	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3	1196.2	1211.0
142.5°	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9	1162.6	1175.4
145°	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3	1112.3	1122.0
147.5°	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1	1070.1	1078.1
150°	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9	1045.8	1052.3
152.5°	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1	1026.6	1031.5
155°	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8	1003.6	1006.9
157.5°	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5	983.7	986.0
160°	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9	973.8	975.1
162.5°	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7	964.4	965.6
165°	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1	950.2	951.5
167.5°	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0	943.9	944.5
170°	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0	943.9	943.9
172.5°	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8	938.9	938.4
175°	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2	932.2	932.2
177.5°	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8	930.9	930.3
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2740.3	2732.7	2740.3	2735.2	2737.8	2730.2	2707.4	2699.9	2707.4	2715.0	2715.0
5°	2773.2	2768.1	2773.2	2773.2	2770.7	2765.6	2740.3	2735.2	2740.3	2742.9	2737.8
7.5°	2783.3	2775.8	2783.3	2778.2	2778.2	2773.2	2747.9	2742.9	2745.4	2752.9	2745.4
10°	2783.3	2775.8	2783.3	2780.7	2778.2	2773.2	2747.9	2737.8	2737.8	2745.4	2737.8
12.5°	2770.7	2765.6	2770.7	2765.6	2765.6	2760.5	2735.2	2725.2	2727.6	2730.2	2720.1
15°	2750.5	2742.9	2750.5	2745.4	2747.9	2740.3	2712.5	2702.3	2702.3	2707.4	2689.8
17.5°	2720.1	2710.0	2720.1	2717.6	2715.0	2710.0	2684.7	2674.6	2672.1	2674.6	2661.9
20°	2684.7	2677.1	2684.7	2682.1	2682.1	2672.1	2646.8	2634.1	2634.1	2634.1	2621.5
22.5°	2629.0	2621.5	2629.0	2634.1	2634.1	2631.6	2608.8	2591.2	2586.1	2586.1	2571.0
25°	2565.9	2558.3	2565.9	2565.9	2563.4	2565.9	2558.3	2548.2	2540.6	2533.0	2517.9
27.5°	2505.2	2500.2	2505.2	2500.2	2505.2	2497.7	2495.1	2492.6	2482.4	2474.9	2454.6
30°	2444.6	2439.5	2444.6	2439.5	2434.4	2429.3	2416.7	2411.7	2421.8	2416.7	2383.8
32.5°	2368.7	2363.6	2368.7	2368.7	2363.6	2363.6	2343.4	2335.8	2338.4	2353.5	2323.2
35°	2290.3	2282.7	2290.3	2287.8	2290.3	2282.7	2270.1	2267.6	2257.4	2275.2	2252.5
37.5°	2199.4	2191.7	2199.4	2199.4	2199.4	2204.3	2194.3	2186.7	2171.5	2194.3	2176.6
40°	2105.8	2095.7	2105.8	2103.3	2105.8	2110.8	2105.8	2100.8	2085.5	2103.3	2088.1
42.5°	1999.7	1997.1	1999.7	2002.2	2002.2	2012.2	2019.9	2009.7	2004.6	1992.0	2002.2
45°	1885.8	1880.8	1885.8	1890.9	1893.4	1898.5	1921.3	1921.3	1913.7	1893.4	1908.6
47.5°	1764.5	1751.9	1764.5	1779.7	1779.7	1787.2	1810.0	1827.8	1815.1	1789.8	1797.4
50°	1635.6	1638.1	1635.6	1645.7	1645.7	1673.5	1691.2	1708.9	1721.6	1691.2	1655.8
52.5°	1509.2	1506.6	1509.2	1516.8	1526.9	1539.5	1569.9	1587.5	1607.7	1590.1	1534.4
55°	1382.7	1387.8	1382.7	1385.3	1390.4	1398.0	1443.5	1461.1	1499.1	1476.4	1418.2
57.5°	1256.4	1248.8	1256.4	1261.4	1264.0	1271.6	1309.4	1342.3	1365.1	1367.6	1296.9
60°	1109.7	1099.7	1109.7	1132.6	1137.6	1142.6	1178.1	1208.3	1228.6	1236.1	1162.8
62.5°	980.9	963.1	980.9	996.0	1006.2	1018.8	1044.0	1089.5	1107.3	1109.7	1006.2
65°	844.3	836.7	844.3	874.7	877.2	892.4	920.2	953.1	990.9	985.9	836.7
67.5°	720.5	720.5	720.5	740.7	755.9	763.4	798.8	814.0	862.0	867.1	697.7
70°	606.7	604.2	606.7	621.9	632.0	649.7	682.6	700.3	738.1	750.8	566.2
72.5°	498.0	495.5	498.0	510.6	520.8	535.9	563.7	584.0	616.8	632.0	439.8
75°	402.0	396.9	402.0	412.0	409.6	429.8	452.5	472.7	503.1	513.1	326.1
77.5°	308.5	308.5	308.5	318.5	318.5	338.7	348.9	374.1	391.8	407.0	240.1
80°	230.1	227.5	230.1	232.6	232.6	242.7	260.4	278.1	293.2	293.2	164.3
82.5°	161.8	156.8	161.8	161.8	161.8	166.8	177.0	182.0	192.1	199.7	103.7
85°	101.1	101.1	101.1	103.7	101.1	106.2	108.7	113.7	113.7	108.7	63.2
87.5°	65.7	63.2	65.7	63.2	63.2	60.7	60.7	60.7	58.2	55.6	35.4
90°	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6	27.4	17.4
92.5°	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5	168.6	119.9
95°	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6	414.9	233.7
97.5°	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8	558.9	256.7
100°	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3	611.2	275.9
102.5°	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8	635.3	295.2
105°	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3	653.2	323.8
107.5°	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6	656.5	366.0
110°	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6	651.5	389.6



TEST NUMBER: P935387

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9	651.7	418.2
115°	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7	657.7	461.0
117.5°	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7	669.8	502.7
120°	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7	679.9	527.0
122.5°	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9	694.1	555.6
125°	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0	713.4	592.2
127.5°	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7	732.7	627.7
130°	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1	746.8	651.3
132.5°	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0	758.2	670.5
135°	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1	770.6	692.9
137.5°	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6	789.2	721.5
140°	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4	800.6	740.7
142.5°	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6	810.1	755.1
145°	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7	822.6	776.8
147.5°	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6	840.7	804.1
150°	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8	850.3	818.4
152.5°	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9	856.6	827.8
155°	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5	870.2	848.2
157.5°	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1	883.9	868.7
160°	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2	890.1	878.1
162.5°	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4	896.7	888.0
165°	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5	906.3	902.3
167.5°	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1	913.6	910.3
170°	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2	919.9	919.7
172.5°	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5	924.0	925.9
177.5°	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6	924.5	925.9
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935387
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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2710.0	2694.8	2694.8	2669.6	2659.4	2651.8	2639.2	2601.3	2591.2	2581.0	2596.2
5°	2732.7	2704.9	2684.7	2639.2	2601.3	2586.1	2538.1	2447.1	2386.4	2340.9	2315.6
7.5°	2737.8	2702.3	2664.5	2593.7	2502.6	2462.2	2315.6	2148.8	2103.3	2062.8	2037.5
10°	2732.7	2692.3	2639.2	2533.0	2318.2	2247.4	2100.8	1992.0	1964.2	1956.6	1964.2
12.5°	2715.0	2677.1	2603.8	2426.9	2126.1	2078.0	1992.0	1928.9	1923.8	1936.4	2004.6
15°	2684.7	2649.3	2563.4	2285.3	2019.9	1984.4	1923.8	1901.1	1928.9	2017.3	2222.1
17.5°	2654.3	2613.9	2507.7	2146.3	1938.9	1913.7	1870.7	1916.2	2073.0	2191.7	2260.0
20°	2613.9	2565.9	2444.6	2045.1	1880.8	1858.0	1837.8	2042.6	2161.4	2204.3	2242.3
22.5°	2565.9	2515.3	2358.6	1974.4	1820.1	1802.5	1815.1	2113.4	2161.4	2191.7	2224.6
25°	2502.6	2459.7	2257.4	1918.7	1772.1	1751.9	1799.9	2105.8	2133.6	2141.2	2206.9
27.5°	2444.6	2388.9	2151.3	1868.2	1713.9	1706.3	1812.5	2073.0	2093.2	2100.8	2171.5
30°	2373.8	2290.3	2032.4	1815.1	1653.3	1650.8	1815.1	2032.4	2027.5	2047.7	2118.4
32.5°	2300.5	2143.7	1898.5	1749.4	1595.2	1592.6	1797.4	1971.8	1966.8	1994.6	2047.7
35°	2232.2	2029.9	1716.5	1673.5	1521.8	1524.4	1754.5	1901.1	1903.6	1928.9	1961.7
37.5°	2161.4	1931.3	1516.8	1590.1	1451.1	1451.1	1696.3	1835.3	1830.2	1837.8	1883.3
40°	2078.0	1777.2	1339.8	1481.4	1385.3	1377.8	1625.5	1764.5	1746.8	1744.3	1807.5
42.5°	1989.5	1607.7	1208.3	1337.3	1309.4	1299.4	1539.5	1678.6	1645.7	1653.3	1734.1
45°	1893.4	1562.3	1107.3	1130.0	1231.2	1223.5	1446.0	1580.0	1557.2	1577.5	1660.8
47.5°	1797.4	1471.3	1074.4	937.8	1147.7	1145.2	1342.3	1483.9	1471.3	1491.5	1580.0
50°	1665.9	1370.2	1071.9	803.9	1054.2	1064.2	1218.5	1390.4	1390.4	1408.0	1501.6
52.5°	1496.6	1246.3	973.3	728.1	945.5	975.8	1109.7	1309.4	1314.5	1332.2	1415.6
55°	1342.3	1117.3	902.5	669.9	816.5	882.3	1003.6	1226.1	1236.1	1253.9	1329.7
57.5°	1200.8	930.3	887.3	601.7	697.7	760.9	910.0	1145.2	1150.2	1165.4	1238.7
60°	1049.1	672.4	814.0	528.4	594.1	642.1	824.1	1049.1	1066.8	1076.9	1140.1
62.5°	877.2	487.9	738.1	477.8	543.5	553.6	753.4	958.1	980.9	988.4	1026.4
65°	624.4	409.6	627.0	434.9	490.4	492.9	677.5	864.5	884.7	897.4	925.3
67.5°	422.2	333.7	477.8	394.3	450.0	452.5	604.2	755.9	783.7	793.8	811.4
70°	293.2	222.5	353.9	351.4	404.5	409.6	525.8	657.3	682.6	690.1	700.3
72.5°	214.8	179.5	293.2	316.0	356.5	361.5	444.9	546.0	571.3	578.9	584.0
75°	164.3	189.6	237.6	275.6	303.4	305.9	364.0	444.9	462.6	467.7	470.2
77.5°	131.5	177.0	174.4	222.5	247.7	242.7	285.7	343.8	359.0	359.0	359.0
80°	98.6	139.0	131.5	159.3	182.0	177.0	204.8	245.2	250.3	255.3	252.8
82.5°	73.3	88.4	88.4	101.1	121.3	116.3	136.6	159.3	159.3	159.3	164.3
85°	45.5	50.6	40.4	53.1	68.2	65.7	75.8	86.0	88.4	88.4	83.5
87.5°	27.8	22.7	12.6	20.2	30.4	30.4	35.4	37.9	35.4	35.4	35.4
90°	16.1	11.2	6.2	11.2	16.1	17.4	27.4	40.6	47.2	41.9	31.5
92.5°	109.4	67.1	24.9	67.1	109.4	119.9	168.6	233.5	265.9	233.1	167.3
95°	214.3	137.0	59.7	137.0	214.3	233.7	414.9	656.6	777.4	693.7	526.3
97.5°	239.6	171.4	103.2	171.4	239.6	256.7	558.9	961.8	1163.3	1110.4	1004.7
100°	260.5	198.6	136.8	198.6	260.5	275.9	611.2	1058.3	1282.0	1285.8	1293.6
102.5°	280.8	223.1	165.3	223.1	280.8	295.2	635.3	1088.8	1315.5	1382.9	1517.7
105°	311.5	262.6	213.7	262.6	311.5	323.8	653.2	1092.3	1311.8	1462.9	1765.0
107.5°	354.7	309.1	263.4	309.1	354.7	366.0	656.5	1043.6	1237.2	1448.0	1869.4
110°	379.4	338.1	297.0	338.1	379.4	389.6	651.5	1000.6	1175.1	1410.6	1881.8



TEST NUMBER: P935387

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	408.5	369.2	330.0	369.2	408.5	418.2	651.7	962.9	1118.5	1359.6	1841.9
115°	452.0	415.8	379.7	415.8	452.0	461.0	657.7	919.7	1050.8	1283.0	1747.7
117.5°	494.5	461.6	428.8	461.6	494.5	502.7	669.8	892.7	1004.2	1213.8	1633.0
120°	519.2	488.3	457.4	488.3	519.2	527.0	679.9	883.7	985.5	1177.1	1560.1
122.5°	547.8	516.5	485.4	516.5	547.8	555.6	694.1	878.9	971.3	1143.8	1488.7
125°	585.2	556.7	528.2	556.7	585.2	592.2	713.4	875.0	955.8	1102.3	1395.3
127.5°	620.5	591.7	563.0	591.7	620.5	627.7	732.7	872.7	942.7	1068.5	1320.1
130°	643.5	612.6	581.7	612.6	643.5	651.3	746.8	874.1	937.7	1049.7	1273.7
132.5°	662.7	631.9	600.9	631.9	662.7	670.5	758.2	875.0	933.4	1033.6	1234.1
135°	685.8	657.7	629.5	657.7	685.8	692.9	770.6	874.1	925.9	1009.8	1177.8
137.5°	714.5	686.5	658.7	686.5	714.5	721.5	789.2	879.6	924.7	995.7	1137.6
140°	734.4	708.7	683.0	708.7	734.4	740.7	800.6	880.4	920.3	981.7	1104.3
142.5°	749.1	725.4	701.6	725.4	749.1	755.1	810.1	883.6	920.3	974.2	1081.9
145°	771.6	750.9	730.2	750.9	771.6	776.8	822.6	883.7	914.1	958.2	1046.3
147.5°	799.0	778.9	758.8	778.9	799.0	804.1	840.7	889.6	914.1	948.8	1018.1
150°	813.8	795.6	777.4	795.6	813.8	818.4	850.3	892.8	914.1	943.4	1001.9
152.5°	824.3	810.5	796.7	810.5	824.3	827.8	856.6	894.9	914.1	939.1	989.1
155°	845.6	835.4	825.3	835.4	845.6	848.2	870.2	899.5	914.1	934.0	973.8
157.5°	866.2	856.4	846.4	856.4	866.2	868.7	883.9	904.1	914.1	929.6	960.5
160°	876.2	868.4	860.6	868.4	876.2	878.1	890.1	906.2	914.1	927.4	953.9
162.5°	886.5	880.8	875.0	880.8	886.5	888.0	896.7	908.4	914.1	925.3	947.7
165°	901.0	895.7	890.5	895.7	901.0	902.3	906.3	911.5	914.1	922.1	938.1
167.5°	909.7	907.3	904.8	907.3	909.7	910.3	913.6	918.1	920.3	925.6	936.0
170°	919.1	916.6	914.1	916.6	919.1	919.7	919.9	920.2	920.3	925.6	936.0
172.5°	920.2	919.6	919.1	919.6	920.2	920.3	920.3	920.3	920.3	924.5	932.8
175°	925.9	925.9	925.9	925.9	925.9	925.9	924.0	921.5	920.3	922.9	928.2
177.5°	925.9	925.9	925.9	925.9	925.9	925.9	924.5	922.6	921.6	923.7	927.8
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



TEST NUMBER: P935387

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2578.5	2571.0	2581.0	2553.2	2581.0	2571.0	2578.5	2596.2	2581.0	2591.2	2601.3
5°	2262.5	2249.9	2209.4	2176.6	2209.4	2249.9	2262.5	2315.6	2340.9	2386.4	2447.1
7.5°	2022.4	2012.2	2002.2	1981.9	2002.2	2012.2	2022.4	2037.5	2062.8	2103.3	2148.8
10°	1969.3	1971.8	1987.0	1984.4	1987.0	1971.8	1969.3	1964.2	1956.6	1964.2	1992.0
12.5°	2105.8	2128.6	2212.0	2206.9	2212.0	2128.6	2105.8	2004.6	1936.4	1923.8	1928.9
15°	2262.5	2270.1	2287.8	2290.3	2287.8	2270.1	2262.5	2222.1	2017.3	1928.9	1901.1
17.5°	2277.7	2280.2	2292.9	2292.9	2292.9	2280.2	2277.7	2260.0	2191.7	2073.0	1916.2
20°	2265.1	2270.1	2295.4	2300.5	2295.4	2270.1	2265.1	2242.3	2204.3	2161.4	2042.6
22.5°	2260.0	2270.1	2290.3	2287.8	2290.3	2270.1	2260.0	2224.6	2191.7	2161.4	2113.4
25°	2234.7	2234.7	2237.2	2239.8	2237.2	2234.7	2234.7	2206.9	2141.2	2133.6	2105.8
27.5°	2181.6	2186.7	2201.9	2199.4	2201.9	2186.7	2181.6	2171.5	2100.8	2093.2	2073.0
30°	2133.6	2128.6	2115.9	2105.8	2115.9	2128.6	2133.6	2118.4	2047.7	2027.5	2032.4
32.5°	2052.8	2040.1	2027.5	2019.9	2027.5	2040.1	2052.8	2047.7	1994.6	1966.8	1971.8
35°	1956.6	1959.1	1956.6	1949.1	1956.6	1959.1	1956.6	1961.7	1928.9	1903.6	1901.1
37.5°	1888.4	1893.4	1890.9	1880.8	1890.9	1893.4	1888.4	1883.3	1837.8	1830.2	1835.3
40°	1817.6	1820.1	1817.6	1810.0	1817.6	1820.1	1817.6	1807.5	1744.3	1746.8	1764.5
42.5°	1749.4	1746.8	1739.2	1734.1	1739.2	1746.8	1749.4	1734.1	1653.3	1645.7	1678.6
45°	1671.0	1673.5	1658.3	1650.8	1658.3	1673.5	1671.0	1660.8	1577.5	1557.2	1580.0
47.5°	1592.6	1592.6	1580.0	1572.4	1580.0	1592.6	1592.6	1580.0	1491.5	1471.3	1483.9
50°	1509.2	1506.6	1489.0	1486.4	1489.0	1506.6	1509.2	1501.6	1408.0	1390.4	1390.4
52.5°	1413.1	1413.1	1415.6	1420.7	1415.6	1413.1	1413.1	1415.6	1332.2	1314.5	1309.4
55°	1329.7	1332.2	1350.0	1355.0	1350.0	1332.2	1329.7	1329.7	1253.9	1236.1	1226.1
57.5°	1243.8	1243.8	1256.4	1256.4	1256.4	1243.8	1243.8	1238.7	1165.4	1150.2	1145.2
60°	1145.2	1150.2	1160.3	1157.8	1160.3	1150.2	1145.2	1140.1	1076.9	1066.8	1049.1
62.5°	1041.5	1046.6	1049.1	1044.0	1049.1	1046.6	1041.5	1026.4	988.4	980.9	958.1
65°	932.9	937.8	940.4	935.3	940.4	937.8	932.9	925.3	897.4	884.7	864.5
67.5°	821.6	819.0	816.5	826.7	816.5	819.0	821.6	811.4	793.8	783.7	755.9
70°	707.9	707.9	705.3	710.3	705.3	707.9	707.9	700.3	690.1	682.6	657.3
72.5°	586.4	584.0	594.1	586.4	594.1	584.0	586.4	584.0	578.9	571.3	546.0
75°	467.7	472.7	467.7	475.3	467.7	472.7	467.7	470.2	467.7	462.6	444.9
77.5°	356.5	361.5	356.5	356.5	356.5	361.5	356.5	359.0	359.0	359.0	343.8
80°	252.8	250.3	250.3	247.7	250.3	250.3	252.8	252.8	255.3	250.3	245.2
82.5°	161.8	159.3	159.3	164.3	159.3	159.3	161.8	164.3	159.3	159.3	159.3
85°	88.4	91.0	86.0	86.0	86.0	91.0	88.4	83.5	88.4	88.4	86.0
87.5°	32.9	30.4	30.4	30.4	30.4	30.4	32.9	35.4	35.4	35.4	37.9
90°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	31.5	41.9	47.2	40.6
92.5°	118.0	113.3	94.5	75.8	94.5	113.3	118.0	167.3	233.1	265.9	233.5
95°	400.8	386.5	329.7	272.8	329.7	386.5	400.8	526.3	693.7	777.4	656.6
97.5°	925.3	898.2	789.9	681.7	789.9	898.2	925.3	1004.7	1110.4	1163.3	961.8
100°	1299.4	1267.1	1138.1	1009.1	1138.1	1267.1	1299.4	1293.6	1285.8	1282.0	1058.3
102.5°	1618.8	1591.2	1480.7	1370.2	1480.7	1591.2	1618.8	1517.7	1382.9	1315.5	1088.8
105°	1991.6	1976.8	1917.4	1858.0	1917.4	1976.8	1991.6	1765.0	1462.9	1311.8	1092.3
107.5°	2185.5	2189.1	2203.6	2217.9	2203.6	2189.1	2185.5	1869.4	1448.0	1237.2	1043.6
110°	2235.2	2250.7	2312.6	2374.5	2312.6	2250.7	2235.2	1881.8	1410.6	1175.1	1000.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2203.6	2227.3	2322.3	2417.3	2322.3	2227.3	2203.6	1841.9	1359.6	1118.5	962.9
115°	2096.1	2129.0	2260.7	2392.5	2260.7	2129.0	2096.1	1747.7	1283.0	1050.8	919.7
117.5°	1947.5	1984.0	2130.1	2276.3	2130.1	1984.0	1947.5	1633.0	1213.8	1004.2	892.7
120°	1847.5	1882.9	2025.0	2166.9	2025.0	1882.9	1847.5	1560.1	1177.1	985.5	883.7
122.5°	1747.4	1782.4	1922.5	2062.5	1922.5	1782.4	1747.4	1488.7	1143.8	971.3	878.9
125°	1615.1	1647.4	1776.3	1905.2	1776.3	1647.4	1615.1	1395.3	1102.3	955.8	875.0
127.5°	1508.8	1536.0	1644.9	1753.7	1644.9	1536.0	1508.8	1320.1	1068.5	942.7	872.7
130°	1441.7	1466.8	1567.4	1667.9	1567.4	1466.8	1441.7	1273.7	1049.7	937.7	874.1
132.5°	1384.5	1407.0	1497.1	1587.1	1497.1	1407.0	1384.5	1234.1	1033.6	933.4	875.0
135°	1303.8	1323.2	1400.8	1478.4	1400.8	1323.2	1303.8	1177.8	1009.8	925.9	874.1
137.5°	1244.1	1259.9	1323.5	1387.0	1323.5	1259.9	1244.1	1137.6	995.7	924.7	879.6
140°	1196.2	1211.0	1270.5	1329.9	1270.5	1211.0	1196.2	1104.3	981.7	920.3	880.4
142.5°	1162.6	1175.4	1226.6	1277.7	1226.6	1175.4	1162.6	1081.9	974.2	920.3	883.6
145°	1112.3	1122.0	1160.7	1199.4	1160.7	1122.0	1112.3	1046.3	958.2	914.1	883.7
147.5°	1070.1	1078.1	1110.1	1142.2	1110.1	1078.1	1070.1	1018.1	948.8	914.1	889.6
150°	1045.8	1052.3	1078.3	1104.3	1078.3	1052.3	1045.8	1001.9	943.4	914.1	892.8
152.5°	1026.6	1031.5	1051.1	1070.7	1051.1	1031.5	1026.6	989.1	939.1	914.1	894.9
155°	1003.6	1006.9	1019.8	1032.8	1019.8	1006.9	1003.6	973.8	934.0	914.1	899.5
157.5°	983.7	986.0	995.1	1004.2	995.1	986.0	983.7	960.5	929.6	914.1	904.1
160°	973.8	975.1	980.4	985.5	980.4	975.1	973.8	953.9	927.4	914.1	906.2
162.5°	964.4	965.6	970.6	975.6	970.6	965.6	964.4	947.7	925.3	914.1	908.4
165°	950.2	951.5	956.8	961.9	956.8	951.5	950.2	938.1	922.1	914.1	911.5
167.5°	943.9	944.5	946.7	948.9	946.7	944.5	943.9	936.0	925.6	920.3	918.1
170°	943.9	943.9	943.9	943.9	943.9	943.9	943.9	936.0	925.6	920.3	920.2
172.5°	938.9	938.4	936.5	934.6	936.5	938.4	938.9	932.8	924.5	920.3	920.3
175°	932.2	932.2	932.2	932.2	932.2	932.2	932.2	928.2	922.9	920.3	921.5
177.5°	930.9	930.3	928.1	925.9	928.1	930.3	930.9	927.8	923.7	921.6	922.6
180°	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9	925.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2672.1	2672.1	2672.1	2672.1	2672.1
2.5°	2639.2	2651.8	2659.4	2669.6	2694.8
5°	2538.1	2586.1	2601.3	2639.2	2684.7
7.5°	2315.6	2462.2	2502.6	2593.7	2664.5
10°	2100.8	2247.4	2318.2	2533.0	2639.2
12.5°	1992.0	2078.0	2126.1	2426.9	2603.8
15°	1923.8	1984.4	2019.9	2285.3	2563.4
17.5°	1870.7	1913.7	1938.9	2146.3	2507.7
20°	1837.8	1858.0	1880.8	2045.1	2444.6
22.5°	1815.1	1802.5	1820.1	1974.4	2358.6
25°	1799.9	1751.9	1772.1	1918.7	2257.4
27.5°	1812.5	1706.3	1713.9	1868.2	2151.3
30°	1815.1	1650.8	1653.3	1815.1	2032.4
32.5°	1797.4	1592.6	1595.2	1749.4	1898.5
35°	1754.5	1524.4	1521.8	1673.5	1716.5
37.5°	1696.3	1451.1	1451.1	1590.1	1516.8
40°	1625.5	1377.8	1385.3	1481.4	1339.8
42.5°	1539.5	1299.4	1309.4	1337.3	1208.3
45°	1446.0	1223.5	1231.2	1130.0	1107.3
47.5°	1342.3	1145.2	1147.7	937.8	1074.4
50°	1218.5	1064.2	1054.2	803.9	1071.9
52.5°	1109.7	975.8	945.5	728.1	973.3
55°	1003.6	882.3	816.5	669.9	902.5
57.5°	910.0	760.9	697.7	601.7	887.3
60°	824.1	642.1	594.1	528.4	814.0
62.5°	753.4	553.6	543.5	477.8	738.1
65°	677.5	492.9	490.4	434.9	627.0
67.5°	604.2	452.5	450.0	394.3	477.8
70°	525.8	409.6	404.5	351.4	353.9
72.5°	444.9	361.5	356.5	316.0	293.2
75°	364.0	305.9	303.4	275.6	237.6
77.5°	285.7	242.7	247.7	222.5	174.4
80°	204.8	177.0	182.0	159.3	131.5
82.5°	136.6	116.3	121.3	101.1	88.4
85°	75.8	65.7	68.2	53.1	40.4
87.5°	35.4	30.4	30.4	20.2	12.6
90°	27.4	17.4	16.1	11.2	6.2
92.5°	168.6	119.9	109.4	67.1	24.9
95°	414.9	233.7	214.3	137.0	59.7
97.5°	558.9	256.7	239.6	171.4	103.2
100°	611.2	275.9	260.5	198.6	136.8
102.5°	635.3	295.2	280.8	223.1	165.3
105°	653.2	323.8	311.5	262.6	213.7
107.5°	656.5	366.0	354.7	309.1	263.4
110°	651.5	389.6	379.4	338.1	297.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	651.7	418.2	408.5	369.2	330.0
115°	657.7	461.0	452.0	415.8	379.7
117.5°	669.8	502.7	494.5	461.6	428.8
120°	679.9	527.0	519.2	488.3	457.4
122.5°	694.1	555.6	547.8	516.5	485.4
125°	713.4	592.2	585.2	556.7	528.2
127.5°	732.7	627.7	620.5	591.7	563.0
130°	746.8	651.3	643.5	612.6	581.7
132.5°	758.2	670.5	662.7	631.9	600.9
135°	770.6	692.9	685.8	657.7	629.5
137.5°	789.2	721.5	714.5	686.5	658.7
140°	800.6	740.7	734.4	708.7	683.0
142.5°	810.1	755.1	749.1	725.4	701.6
145°	822.6	776.8	771.6	750.9	730.2
147.5°	840.7	804.1	799.0	778.9	758.8
150°	850.3	818.4	813.8	795.6	777.4
152.5°	856.6	827.8	824.3	810.5	796.7
155°	870.2	848.2	845.6	835.4	825.3
157.5°	883.9	868.7	866.2	856.4	846.4
160°	890.1	878.1	876.2	868.4	860.6
162.5°	896.7	888.0	886.5	880.8	875.0
165°	906.3	902.3	901.0	895.7	890.5
167.5°	913.6	910.3	909.7	907.3	904.8
170°	919.9	919.7	919.1	916.6	914.1
172.5°	920.3	920.3	920.2	919.6	919.1
175°	924.0	925.9	925.9	925.9	925.9
177.5°	924.5	925.9	925.9	925.9	925.9
180°	925.9	925.9	925.9	925.9	925.9



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.87	15.77	15.80	16.71	17.93	17.70	18.59	18.62	19.54	20.76
	3H	15.35	16.16	16.29	17.11	18.35	19.05	19.85	19.98	20.80	22.04
	4H	15.55	16.31	16.50	17.26	18.51	19.49	20.25	20.44	21.21	22.46
	6H	15.67	16.37	16.63	17.33	18.59	19.78	20.47	20.74	21.44	22.70
	8H	15.67	16.34	16.64	17.32	18.58	19.85	20.52	20.82	21.50	22.76
	12H	15.64	16.28	16.62	17.25	18.54	19.89	20.52	20.86	21.50	22.78
4H	2H	15.91	16.67	16.87	17.63	18.88	18.11	18.87	19.07	19.83	21.08
	3H	16.94	17.57	17.91	18.56	19.83	19.62	20.25	20.59	21.24	22.51
	4H	17.22	17.79	18.19	18.78	20.07	20.15	20.73	21.13	21.71	23.00
	6H	17.35	17.84	18.33	18.85	20.14	20.51	21.01	21.50	22.02	23.30
	8H	17.35	17.82	18.34	18.81	20.12	20.62	21.08	21.61	22.08	23.39
	12H	17.32	17.74	18.33	18.75	20.06	20.68	21.10	21.69	22.11	23.42
8H	4H	17.67	18.14	18.66	19.14	20.44	20.28	20.74	21.27	21.74	23.04
	6H	17.94	18.32	18.95	19.36	20.66	20.71	21.10	21.73	22.14	23.44
	8H	17.98	18.32	19.00	19.34	20.66	20.86	21.20	21.89	22.23	23.55
	12H	17.96	18.26	18.99	19.28	20.65	20.96	21.26	21.99	22.28	23.65
12H	4H	17.68	18.10	18.69	19.11	20.42	20.24	20.66	21.25	21.68	22.98
	6H	18.00	18.34	19.02	19.36	20.68	20.71	21.05	21.73	22.08	23.39
	8H	18.07	18.36	19.09	19.38	20.75	20.87	21.17	21.90	22.19	23.55