

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: P934725

Luminaire Tested: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934725
REPORT IS A COMBINATION OF REPORTS P933709 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

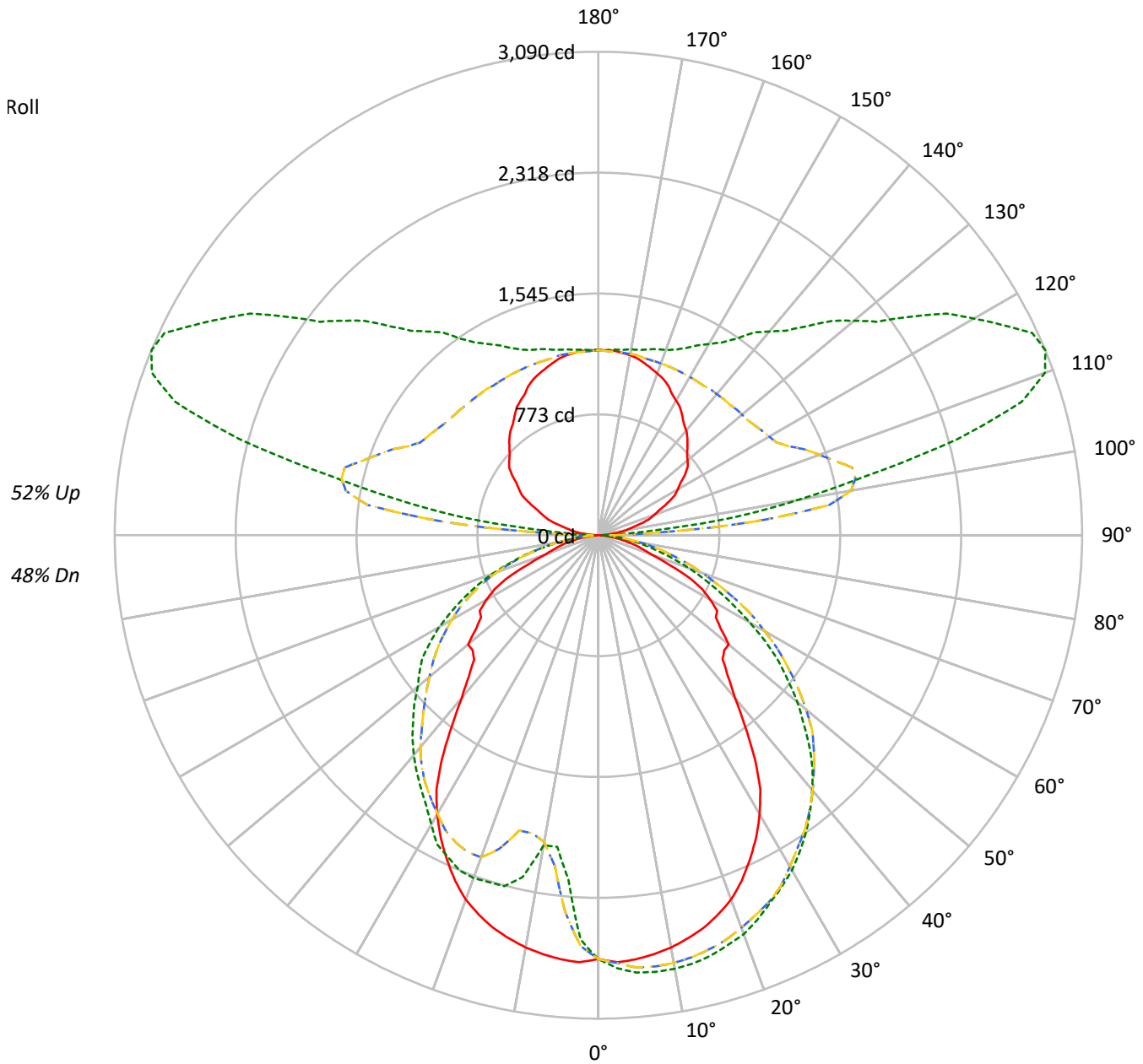
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14699.5 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 127.2
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



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8378	8378	8378	8378
5°	8443	8457	8443	6649
10°	8390	8330	8390	5956
15°	8302	8150	8302	6805
20°	8132	7936	8132	6820
25°	7779	7624	7779	6675
30°	7323	7365	7323	6358
35°	6532	7038	6532	6009
40°	5446	6652	5446	5746
45°	4869	6201	4869	5442
50°	5177	5663	5177	5139
55°	4875	5083	4875	4962
60°	5032	4317	5032	4545
65°	4569	3568	4569	3989
70°	3171	2844	3171	3344
75°	2792	2102	2792	2517
80°	2266	1390	2266	1513
85°	1329	736	1329	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7457 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.5	1.7
10°-20°	694.2	4.7
20°-30°	1073.1	7.3
30°-40°	1281.0	8.7
40°-50°	1288.5	8.8
50°-60°	1121.1	7.6
60°-70°	794.9	5.4
70°-80°	420.6	2.9
80°-90°	109.3	0.7
90°-100°	576.9	3.9
100°-110°	1516.7	10.3
110°-120°	1572.7	10.7
120°-130°	1261.5	8.6
130°-140°	989.8	6.7
140°-150°	759.7	5.2
150°-160°	547.1	3.7
160°-170°	334.8	2.3
170°-180°	113.1	0.8
0°-30°	2011.7	13.7
0°-40°	3292.7	22.4
0°-60°	5702.4	38.8
0°-90°	7027.1	47.8
90°-120°	3666.4	24.9
90°-150°	6677.4	45.4
90°-180°	7672.0	52.2
0°-180°	14699.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2708	2708	2708	2708	2708	
5°	2721	2806	2721	2206	2721	258
15°	2598	2780	2598	2322	2598	731
25°	2288	2593	2288	2270	2288	1051
35°	1740	2314	1740	1976	1740	1076
45°	1122	1906	1122	1673	1122	899
55°	915	1407	915	1373	915	841
65°	636	848	636	948	636	607
75°	241	402	241	482	241	253
85°	41	102	41	87	41	55
90°	8	30	8	30	8	8
95°	76	349	76	349	76	85
105°	273	2375	273	2375	273	290
115°	485	3058	485	3058	485	479
125°	675	2435	675	2435	675	599
135°	805	1890	805	1890	805	623
145°	933	1533	933	1533	933	585
155°	1055	1320	1055	1320	1055	485
165°	1138	1230	1138	1230	1138	321
175°	1184	1192	1184	1192	1184	112
180°	1184	1184	1184	1184	1184	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2731.6	2731.6	2747.0	2752.1	2752.1	2744.4	2736.7	2744.4	2767.5	2775.1	2772.6
5°	2721.3	2741.8	2770.0	2775.1	2780.3	2777.7	2772.6	2777.7	2803.3	2808.5	2811.0
7.5°	2700.8	2739.3	2775.1	2782.8	2790.5	2782.8	2780.3	2785.4	2811.0	2816.1	2816.1
10°	2675.2	2729.0	2770.0	2775.1	2782.8	2775.1	2775.1	2785.4	2811.0	2816.1	2818.7
12.5°	2639.3	2713.7	2752.1	2757.2	2767.5	2764.9	2762.3	2772.6	2798.2	2803.3	2803.3
15°	2598.3	2685.5	2721.3	2726.5	2744.4	2739.3	2739.3	2749.5	2777.7	2785.4	2782.8
17.5°	2542.0	2649.6	2690.6	2698.3	2711.1	2708.5	2711.1	2721.3	2747.0	2752.1	2754.6
20°	2477.9	2600.9	2649.6	2657.3	2670.1	2670.1	2670.1	2682.9	2708.5	2718.8	2718.8
22.5°	2390.8	2549.7	2600.9	2606.0	2621.4	2621.4	2626.5	2644.5	2667.5	2670.1	2670.1
25°	2288.3	2493.3	2536.8	2552.2	2567.6	2575.3	2583.0	2593.2	2600.9	2598.3	2600.9
27.5°	2180.6	2421.5	2477.9	2488.2	2508.7	2516.3	2526.6	2529.2	2531.7	2539.4	2534.3
30°	2060.2	2321.6	2406.2	2416.4	2449.7	2454.8	2444.6	2449.7	2462.5	2467.7	2472.8
32.5°	1924.4	2172.9	2331.9	2354.9	2385.7	2370.3	2367.7	2375.4	2395.9	2395.9	2401.0
35°	1739.9	2057.6	2262.7	2283.2	2306.2	2288.3	2298.5	2301.1	2313.9	2321.6	2319.0
37.5°	1537.4	1957.7	2190.8	2206.2	2224.1	2201.1	2216.5	2224.1	2234.4	2229.3	2229.3
40°	1358.1	1801.4	2106.3	2116.5	2131.9	2114.0	2129.3	2134.5	2139.6	2134.5	2131.9
42.5°	1224.8	1629.7	2016.6	2029.4	2019.2	2032.0	2037.1	2047.3	2039.7	2029.4	2029.4
45°	1122.3	1583.6	1919.2	1934.6	1919.2	1939.7	1947.4	1947.4	1924.4	1919.2	1916.7
47.5°	1089.0	1491.3	1821.9	1821.9	1814.2	1839.8	1852.6	1834.7	1811.6	1803.9	1803.9
50°	1086.5	1388.8	1688.6	1678.4	1714.2	1745.0	1732.2	1714.2	1696.3	1668.1	1668.1
52.5°	986.5	1263.3	1516.9	1555.4	1611.7	1629.7	1609.2	1591.2	1560.5	1547.7	1537.4
55°	914.8	1132.6	1360.6	1437.5	1496.4	1519.5	1481.1	1463.1	1417.0	1409.3	1404.2
57.5°	899.4	943.0	1217.1	1314.5	1386.2	1383.7	1360.6	1327.3	1288.9	1281.2	1278.6
60°	825.1	681.6	1063.4	1178.7	1253.0	1245.3	1224.8	1194.1	1158.2	1153.1	1147.9
62.5°	748.2	494.5	889.1	1019.8	1124.9	1122.3	1104.4	1058.3	1032.6	1019.8	1009.6
65°	635.5	415.1	632.9	848.1	999.3	1004.5	966.0	932.7	904.5	889.1	886.6
67.5°	484.3	338.2	427.9	707.2	878.9	873.8	825.1	809.7	773.8	766.2	750.8
70°	358.7	225.5	297.2	574.0	761.0	748.2	709.8	691.8	658.5	640.6	630.3
72.5°	297.2	181.9	217.8	445.9	640.6	625.2	591.9	571.4	543.2	527.9	517.6
75°	240.9	192.2	166.6	330.5	520.2	509.9	479.2	458.7	435.6	415.1	417.7
77.5°	176.8	179.4	133.2	243.4	412.5	397.2	379.2	353.6	343.4	322.9	322.9
80°	133.2	140.9	99.9	166.6	297.2	297.2	281.9	263.9	246.0	235.7	235.7
82.5°	89.7	89.7	74.3	105.1	202.4	194.7	184.5	179.4	169.1	164.0	164.0
85°	41.0	51.2	46.1	64.1	110.2	115.3	115.3	110.2	107.6	102.5	105.1
87.5°	12.8	23.1	28.2	35.9	56.4	58.9	61.5	61.5	61.5	64.1	64.1
90°	7.9	14.3	20.6	22.2	34.9	51.9	60.4	53.6	40.2	30.2	30.2
92.5°	31.8	85.8	139.8	153.3	215.5	298.4	339.9	297.9	214.0	150.9	144.9
95°	76.3	175.1	274.0	298.7	530.3	839.3	993.7	886.8	672.8	512.3	494.1
97.5°	131.9	219.1	306.3	328.1	714.4	1229.4	1487.0	1419.3	1284.1	1182.7	1148.1
100°	174.8	253.8	332.9	352.7	781.4	1352.9	1638.6	1643.6	1653.5	1660.9	1619.7
102.5°	211.3	285.1	358.8	377.3	812.0	1391.7	1681.6	1767.7	1940.0	2069.2	2033.9
105°	273.2	335.8	398.2	413.8	834.8	1396.2	1676.8	1869.9	2256.2	2545.8	2526.9
107.5°	336.8	395.0	453.3	467.9	839.1	1334.1	1581.5	1850.9	2389.6	2793.6	2798.2
110°	379.7	432.3	484.9	498.0	832.7	1279.0	1502.1	1803.2	2405.5	2857.1	2876.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	421.8	471.9	522.0	534.6	833.0	1230.9	1429.8	1738.0	2354.4	2816.7	2847.0
115°	485.3	531.5	577.8	589.3	840.6	1175.7	1343.2	1640.1	2233.9	2679.2	2721.3
117.5°	548.1	590.1	632.1	642.6	856.3	1141.1	1283.6	1551.5	2087.4	2489.4	2536.1
120°	584.7	624.2	663.7	673.6	869.0	1129.5	1259.8	1504.5	1994.2	2361.5	2406.8
122.5°	620.4	660.2	700.1	710.1	887.3	1123.4	1241.5	1461.9	1902.9	2233.6	2278.4
125°	675.2	711.6	748.0	757.0	911.9	1118.4	1221.7	1409.0	1783.5	2064.4	2105.7
127.5°	719.7	756.4	793.1	802.3	936.6	1115.5	1205.0	1365.8	1687.4	1928.6	1963.4
130°	743.5	783.1	822.5	832.4	954.5	1117.2	1198.6	1341.7	1628.1	1842.8	1874.9
132.5°	768.1	807.7	847.1	857.0	969.0	1118.4	1193.0	1321.2	1577.5	1769.8	1798.5
135°	804.7	840.6	876.7	885.6	985.0	1117.4	1183.6	1290.8	1505.5	1666.5	1691.3
137.5°	842.0	877.6	913.3	922.2	1008.8	1124.2	1181.9	1272.7	1454.2	1590.2	1610.5
140°	872.9	905.7	938.6	946.8	1023.3	1125.4	1176.4	1254.8	1411.5	1529.1	1548.0
142.5°	896.7	927.2	957.5	965.1	1035.5	1129.4	1176.4	1245.2	1382.9	1486.2	1502.5
145°	933.3	959.8	986.3	992.9	1051.4	1129.4	1168.4	1224.7	1337.4	1421.9	1434.3
147.5°	969.9	995.7	1021.5	1027.9	1074.7	1137.2	1168.4	1212.8	1301.3	1367.8	1378.1
150°	993.7	1017.0	1040.3	1046.1	1086.9	1141.3	1168.4	1205.9	1280.7	1336.8	1345.1
152.5°	1018.3	1036.0	1053.6	1058.0	1094.8	1143.9	1168.4	1200.4	1264.3	1312.2	1318.4
155°	1054.8	1067.9	1081.0	1084.2	1112.3	1149.7	1168.4	1193.9	1244.7	1282.8	1287.0
157.5°	1081.8	1094.6	1107.3	1110.5	1129.8	1155.5	1168.4	1188.2	1227.7	1257.4	1260.3
160°	1100.1	1110.0	1119.9	1122.4	1137.8	1158.2	1168.4	1185.4	1219.3	1244.7	1246.4
162.5°	1118.4	1125.8	1133.2	1135.1	1146.2	1161.0	1168.4	1182.7	1211.3	1232.8	1234.4
165°	1138.3	1145.0	1151.6	1153.3	1158.4	1165.1	1168.4	1178.7	1199.1	1214.5	1216.2
167.5°	1156.5	1159.6	1162.9	1163.7	1167.9	1173.6	1176.4	1183.1	1196.5	1206.5	1207.2
170°	1168.4	1171.6	1174.9	1175.6	1175.9	1176.2	1176.4	1183.1	1196.5	1206.5	1206.5
172.5°	1174.8	1175.5	1176.2	1176.4	1176.4	1176.4	1176.4	1181.7	1192.3	1200.2	1199.6
175°	1183.6	1183.6	1183.6	1183.6	1181.2	1178.0	1176.4	1179.7	1186.5	1191.5	1191.5
177.5°	1183.6	1183.6	1183.6	1183.6	1181.7	1179.2	1178.0	1180.7	1186.0	1189.9	1189.2
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2777.7	2770.0	2777.7	2772.6	2775.1	2767.5	2744.4	2736.7	2744.4	2752.1	2752.1
5°	2811.0	2805.9	2811.0	2811.0	2808.5	2803.3	2777.7	2772.6	2777.7	2780.3	2775.1
7.5°	2821.3	2813.6	2821.3	2816.1	2816.1	2811.0	2785.4	2780.3	2782.8	2790.5	2782.8
10°	2821.3	2813.6	2821.3	2818.7	2816.1	2811.0	2785.4	2775.1	2775.1	2782.8	2775.1
12.5°	2808.5	2803.3	2808.5	2803.3	2803.3	2798.2	2772.6	2762.3	2764.9	2767.5	2757.2
15°	2788.0	2780.3	2788.0	2782.8	2785.4	2777.7	2749.5	2739.3	2739.3	2744.4	2726.5
17.5°	2757.2	2747.0	2757.2	2754.6	2752.1	2747.0	2721.3	2711.1	2708.5	2711.1	2698.3
20°	2721.3	2713.7	2721.3	2718.8	2718.8	2708.5	2682.9	2670.1	2670.1	2670.1	2657.3
22.5°	2665.0	2657.3	2665.0	2670.1	2670.1	2667.5	2644.5	2626.5	2621.4	2621.4	2606.0
25°	2600.9	2593.2	2600.9	2600.9	2598.3	2600.9	2593.2	2583.0	2575.3	2567.6	2552.2
27.5°	2539.4	2534.3	2539.4	2534.3	2539.4	2531.7	2529.2	2526.6	2516.3	2508.7	2488.2
30°	2477.9	2472.8	2477.9	2472.8	2467.7	2462.5	2449.7	2444.6	2454.8	2449.7	2416.4
32.5°	2401.0	2395.9	2401.0	2401.0	2395.9	2395.9	2375.4	2367.7	2370.3	2385.7	2354.9
35°	2321.6	2313.9	2321.6	2319.0	2321.6	2313.9	2301.1	2298.5	2288.3	2306.2	2283.2
37.5°	2229.3	2221.6	2229.3	2229.3	2229.3	2234.4	2224.1	2216.5	2201.1	2224.1	2206.2
40°	2134.5	2124.2	2134.5	2131.9	2134.5	2139.6	2134.5	2129.3	2114.0	2131.9	2116.5
42.5°	2026.8	2024.3	2026.8	2029.4	2029.4	2039.7	2047.3	2037.1	2032.0	2019.2	2029.4
45°	1911.5	1906.4	1911.5	1916.7	1919.2	1924.4	1947.4	1947.4	1939.7	1919.2	1934.6
47.5°	1788.5	1775.7	1788.5	1803.9	1803.9	1811.6	1834.7	1852.6	1839.8	1814.2	1821.9
50°	1657.9	1660.4	1657.9	1668.1	1668.1	1696.3	1714.2	1732.2	1745.0	1714.2	1678.4
52.5°	1529.7	1527.2	1529.7	1537.4	1547.7	1560.5	1591.2	1609.2	1629.7	1611.7	1555.4
55°	1401.6	1406.7	1401.6	1404.2	1409.3	1417.0	1463.1	1481.1	1519.5	1496.4	1437.5
57.5°	1273.5	1265.8	1273.5	1278.6	1281.2	1288.9	1327.3	1360.6	1383.7	1386.2	1314.5
60°	1124.9	1114.6	1124.9	1147.9	1153.1	1158.2	1194.1	1224.8	1245.3	1253.0	1178.7
62.5°	994.2	976.3	994.2	1009.6	1019.8	1032.6	1058.3	1104.4	1122.3	1124.9	1019.8
65°	855.8	848.1	855.8	886.6	889.1	904.5	932.7	966.0	1004.5	999.3	848.1
67.5°	730.3	730.3	730.3	750.8	766.2	773.8	809.7	825.1	873.8	878.9	707.2
70°	615.0	612.4	615.0	630.3	640.6	658.5	691.8	709.8	748.2	761.0	574.0
72.5°	504.8	502.2	504.8	517.6	527.9	543.2	571.4	591.9	625.2	640.6	445.9
75°	407.4	402.3	407.4	417.7	415.1	435.6	458.7	479.2	509.9	520.2	330.5
77.5°	312.6	312.6	312.6	322.9	322.9	343.4	353.6	379.2	397.2	412.5	243.4
80°	233.2	230.6	233.2	235.7	235.7	246.0	263.9	281.9	297.2	297.2	166.6
82.5°	164.0	158.9	164.0	164.0	164.0	169.1	179.4	184.5	194.7	202.4	105.1
85°	102.5	102.5	102.5	105.1	102.5	107.6	110.2	115.3	115.3	110.2	64.1
87.5°	66.6	64.1	66.6	64.1	64.1	61.5	61.5	61.5	58.9	56.4	35.9
90°	30.2	30.2	30.2	30.2	30.2	40.2	53.6	60.4	51.9	34.9	22.2
92.5°	120.9	96.9	120.9	144.9	150.9	214.0	297.9	339.9	298.4	215.5	153.3
95°	421.4	348.7	421.4	494.1	512.3	672.8	886.8	993.7	839.3	530.3	298.7
97.5°	1009.8	871.4	1009.8	1148.1	1182.7	1284.1	1419.3	1487.0	1229.4	714.4	328.1
100°	1454.8	1290.0	1454.8	1619.7	1660.9	1653.5	1643.6	1638.6	1352.9	781.4	352.7
102.5°	1892.7	1751.5	1892.7	2033.9	2069.2	1940.0	1767.7	1681.6	1391.7	812.0	377.3
105°	2450.9	2375.0	2450.9	2526.9	2545.8	2256.2	1869.9	1676.8	1396.2	834.8	413.8
107.5°	2816.6	2834.9	2816.6	2798.2	2793.6	2389.6	1850.9	1581.5	1334.1	839.1	467.9
110°	2956.0	3035.1	2956.0	2876.9	2857.1	2405.5	1803.2	1502.1	1279.0	832.7	498.0



TEST NUMBER: P934725

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2968.4	3089.9	2968.4	2847.0	2816.7	2354.4	1738.0	1429.8	1230.9	833.0	534.6
115°	2889.7	3058.1	2889.7	2721.3	2679.2	2233.9	1640.1	1343.2	1175.7	840.6	589.3
117.5°	2722.8	2909.6	2722.8	2536.1	2489.4	2087.4	1551.5	1283.6	1141.1	856.3	642.6
120°	2588.3	2769.8	2588.3	2406.8	2361.5	1994.2	1504.5	1259.8	1129.5	869.0	673.6
122.5°	2457.3	2636.4	2457.3	2278.4	2233.6	1902.9	1461.9	1241.5	1123.4	887.3	710.1
125°	2270.5	2435.4	2270.5	2105.7	2064.4	1783.5	1409.0	1221.7	1118.4	911.9	757.0
127.5°	2102.5	2241.6	2102.5	1963.4	1928.6	1687.4	1365.8	1205.0	1115.5	936.6	802.3
130°	2003.4	2132.0	2003.4	1874.9	1842.8	1628.1	1341.7	1198.6	1117.2	954.5	832.4
132.5°	1913.6	2028.7	1913.6	1798.5	1769.8	1577.5	1321.2	1193.0	1118.4	969.0	857.0
135°	1790.5	1889.7	1790.5	1691.3	1666.5	1505.5	1290.8	1183.6	1117.4	985.0	885.6
137.5°	1691.7	1772.9	1691.7	1610.5	1590.2	1454.2	1272.7	1181.9	1124.2	1008.8	922.2
140°	1624.0	1699.8	1624.0	1548.0	1529.1	1411.5	1254.8	1176.4	1125.4	1023.3	946.8
142.5°	1567.8	1633.1	1567.8	1502.5	1486.2	1382.9	1245.2	1176.4	1129.4	1035.5	965.1
145°	1483.6	1533.0	1483.6	1434.3	1421.9	1337.4	1224.7	1168.4	1129.4	1051.4	992.9
147.5°	1419.0	1460.0	1419.0	1378.1	1367.8	1301.3	1212.8	1168.4	1137.2	1074.7	1027.9
150°	1378.3	1411.5	1378.3	1345.1	1336.8	1280.7	1205.9	1168.4	1141.3	1086.9	1046.1
152.5°	1343.5	1368.6	1343.5	1318.4	1312.2	1264.3	1200.4	1168.4	1143.9	1094.8	1058.0
155°	1303.6	1320.1	1303.6	1287.0	1282.8	1244.7	1193.9	1168.4	1149.7	1112.3	1084.2
157.5°	1272.0	1283.6	1272.0	1260.3	1257.4	1227.7	1188.2	1168.4	1155.5	1129.8	1110.5
160°	1253.1	1259.8	1253.1	1246.4	1244.7	1219.3	1185.4	1168.4	1158.2	1137.8	1122.4
162.5°	1240.7	1247.1	1240.7	1234.4	1232.8	1211.3	1182.7	1168.4	1161.0	1146.2	1135.1
165°	1222.9	1229.6	1222.9	1216.2	1214.5	1199.1	1178.7	1168.4	1165.1	1158.4	1153.3
167.5°	1210.1	1212.9	1210.1	1207.2	1206.5	1196.5	1183.1	1176.4	1173.6	1167.9	1163.7
170°	1206.5	1206.5	1206.5	1206.5	1206.5	1196.5	1183.1	1176.4	1176.2	1175.9	1175.6
172.5°	1197.1	1194.7	1197.1	1199.6	1200.2	1192.3	1181.7	1176.4	1176.4	1176.4	1176.4
175°	1191.5	1191.5	1191.5	1191.5	1191.5	1186.5	1179.7	1176.4	1178.0	1181.2	1183.6
177.5°	1186.4	1183.6	1186.4	1189.2	1189.9	1186.0	1180.7	1178.0	1179.2	1181.7	1183.6
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



TEST NUMBER: P934725

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2747.0	2731.6	2731.6	2706.0	2695.7	2688.0	2675.2	2636.8	2626.5	2616.3	2631.7
5°	2770.0	2741.8	2721.3	2675.2	2636.8	2621.4	2572.7	2480.5	2419.0	2372.9	2347.2
7.5°	2775.1	2739.3	2700.8	2629.1	2536.8	2495.8	2347.2	2178.0	2131.9	2090.9	2065.3
10°	2770.0	2729.0	2675.2	2567.6	2349.8	2278.0	2129.3	2019.2	1991.0	1983.3	1991.0
12.5°	2752.1	2713.7	2639.3	2460.0	2155.0	2106.3	2019.2	1955.1	1950.0	1962.8	2032.0
15°	2721.3	2685.5	2598.3	2316.5	2047.3	2011.5	1950.0	1926.9	1955.1	2044.8	2252.3
17.5°	2690.6	2649.6	2542.0	2175.5	1965.3	1939.7	1896.2	1942.3	2101.2	2221.6	2290.9
20°	2649.6	2600.9	2477.9	2073.0	1906.4	1883.4	1862.9	2070.4	2190.8	2234.4	2272.9
22.5°	2600.9	2549.7	2390.8	2001.2	1844.9	1827.0	1839.8	2142.2	2190.8	2221.6	2254.9
25°	2536.8	2493.3	2288.3	1944.8	1796.2	1775.7	1824.4	2134.5	2162.7	2170.3	2237.0
27.5°	2477.9	2421.5	2180.6	1893.6	1737.3	1729.6	1837.2	2101.2	2121.7	2129.3	2201.1
30°	2406.2	2321.6	2060.2	1839.8	1675.8	1673.2	1839.8	2060.2	2055.0	2075.5	2147.3
32.5°	2331.9	2172.9	1924.4	1773.2	1616.9	1614.3	1821.9	1998.7	1993.5	2021.7	2075.5
35°	2262.7	2057.6	1739.9	1696.3	1542.6	1545.1	1778.3	1926.9	1929.5	1955.1	1988.4
37.5°	2190.8	1957.7	1537.4	1611.7	1470.8	1470.8	1719.4	1860.3	1855.2	1862.9	1909.0
40°	2106.3	1801.4	1358.1	1501.6	1404.2	1396.5	1647.6	1788.5	1770.6	1768.0	1832.1
42.5°	2016.6	1629.7	1224.8	1355.5	1327.3	1317.1	1560.5	1701.4	1668.1	1675.8	1757.8
45°	1919.2	1583.6	1122.3	1145.4	1247.9	1240.2	1465.7	1601.5	1578.4	1598.9	1683.5
47.5°	1821.9	1491.3	1089.0	950.6	1163.3	1160.8	1360.6	1504.1	1491.3	1511.8	1601.5
50°	1688.6	1388.8	1086.5	814.8	1068.5	1078.8	1235.1	1409.3	1409.3	1427.2	1522.1
52.5°	1516.9	1263.3	986.5	738.0	958.3	989.1	1124.9	1327.3	1332.4	1350.4	1434.9
55°	1360.6	1132.6	914.8	679.0	827.7	894.3	1017.3	1242.8	1253.0	1270.9	1347.8
57.5°	1217.1	943.0	899.4	609.8	707.2	771.3	922.5	1160.8	1165.9	1181.3	1255.6
60°	1063.4	681.6	825.1	535.5	602.2	650.8	835.3	1063.4	1081.3	1091.6	1155.6
62.5°	889.1	494.5	748.2	484.3	550.9	561.2	763.6	971.1	994.2	1001.9	1040.3
65°	632.9	415.1	635.5	440.7	497.1	499.7	686.7	876.3	896.8	909.6	937.8
67.5°	427.9	338.2	484.3	399.7	456.1	458.7	612.4	766.2	794.3	804.6	822.5
70°	297.2	225.5	358.7	356.2	410.0	415.1	533.0	666.2	691.8	699.5	709.8
72.5°	217.8	181.9	297.2	320.3	361.3	366.4	451.0	553.5	579.1	586.8	591.9
75°	166.6	192.2	240.9	279.3	307.5	310.0	369.0	451.0	468.9	474.0	476.6
77.5°	133.2	179.4	176.8	225.5	251.1	246.0	289.5	348.5	363.9	363.9	363.9
80°	99.9	140.9	133.2	161.4	184.5	179.4	207.6	248.6	253.7	258.8	256.2
82.5°	74.3	89.7	89.7	102.5	123.0	117.9	138.4	161.4	161.4	161.4	166.6
85°	46.1	51.2	41.0	53.8	69.2	66.6	76.9	87.1	89.7	89.7	84.6
87.5°	28.2	23.1	12.8	20.5	30.7	30.7	35.9	38.4	35.9	35.9	35.9
90°	20.6	14.3	7.9	14.3	20.6	22.2	34.9	51.9	60.4	53.6	40.2
92.5°	139.8	85.8	31.8	85.8	139.8	153.3	215.5	298.4	339.9	297.9	214.0
95°	274.0	175.1	76.3	175.1	274.0	298.7	530.3	839.3	993.7	886.8	672.8
97.5°	306.3	219.1	131.9	219.1	306.3	328.1	714.4	1229.4	1487.0	1419.3	1284.1
100°	332.9	253.8	174.8	253.8	332.9	352.7	781.4	1352.9	1638.6	1643.6	1653.5
102.5°	358.8	285.1	211.3	285.1	358.8	377.3	812.0	1391.7	1681.6	1767.7	1940.0
105°	398.2	335.8	273.2	335.8	398.2	413.8	834.8	1396.2	1676.8	1869.9	2256.2
107.5°	453.3	395.0	336.8	395.0	453.3	467.9	839.1	1334.1	1581.5	1850.9	2389.6
110°	484.9	432.3	379.7	432.3	484.9	498.0	832.7	1279.0	1502.1	1803.2	2405.5



TEST NUMBER: P934725

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	522.0	471.9	421.8	471.9	522.0	534.6	833.0	1230.9	1429.8	1738.0	2354.4
115°	577.8	531.5	485.3	531.5	577.8	589.3	840.6	1175.7	1343.2	1640.1	2233.9
117.5°	632.1	590.1	548.1	590.1	632.1	642.6	856.3	1141.1	1283.6	1551.5	2087.4
120°	663.7	624.2	584.7	624.2	663.7	673.6	869.0	1129.5	1259.8	1504.5	1994.2
122.5°	700.1	660.2	620.4	660.2	700.1	710.1	887.3	1123.4	1241.5	1461.9	1902.9
125°	748.0	711.6	675.2	711.6	748.0	757.0	911.9	1118.4	1221.7	1409.0	1783.5
127.5°	793.1	756.4	719.7	756.4	793.1	802.3	936.6	1115.5	1205.0	1365.8	1687.4
130°	822.5	783.1	743.5	783.1	822.5	832.4	954.5	1117.2	1198.6	1341.7	1628.1
132.5°	847.1	807.7	768.1	807.7	847.1	857.0	969.0	1118.4	1193.0	1321.2	1577.5
135°	876.7	840.6	804.7	840.6	876.7	885.6	985.0	1117.4	1183.6	1290.8	1505.5
137.5°	913.3	877.6	842.0	877.6	913.3	922.2	1008.8	1124.2	1181.9	1272.7	1454.2
140°	938.6	905.7	872.9	905.7	938.6	946.8	1023.3	1125.4	1176.4	1254.8	1411.5
142.5°	957.5	927.2	896.7	927.2	957.5	965.1	1035.5	1129.4	1176.4	1245.2	1382.9
145°	986.3	959.8	933.3	959.8	986.3	992.9	1051.4	1129.4	1168.4	1224.7	1337.4
147.5°	1021.5	995.7	969.9	995.7	1021.5	1027.9	1074.7	1137.2	1168.4	1212.8	1301.3
150°	1040.3	1017.0	993.7	1017.0	1040.3	1046.1	1086.9	1141.3	1168.4	1205.9	1280.7
152.5°	1053.6	1036.0	1018.3	1036.0	1053.6	1058.0	1094.8	1143.9	1168.4	1200.4	1264.3
155°	1081.0	1067.9	1054.8	1067.9	1081.0	1084.2	1112.3	1149.7	1168.4	1193.9	1244.7
157.5°	1107.3	1094.6	1081.8	1094.6	1107.3	1110.5	1129.8	1155.5	1168.4	1188.2	1227.7
160°	1119.9	1110.0	1100.1	1110.0	1119.9	1122.4	1137.8	1158.2	1168.4	1185.4	1219.3
162.5°	1133.2	1125.8	1118.4	1125.8	1133.2	1135.1	1146.2	1161.0	1168.4	1182.7	1211.3
165°	1151.6	1145.0	1138.3	1145.0	1151.6	1153.3	1158.4	1165.1	1168.4	1178.7	1199.1
167.5°	1162.9	1159.6	1156.5	1159.6	1162.9	1163.7	1167.9	1173.6	1176.4	1183.1	1196.5
170°	1174.9	1171.6	1168.4	1171.6	1174.9	1175.6	1175.9	1176.2	1176.4	1183.1	1196.5
172.5°	1176.2	1175.5	1174.8	1175.5	1176.2	1176.4	1176.4	1176.4	1176.4	1181.7	1192.3
175°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1181.2	1178.0	1176.4	1179.7
177.5°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1181.7	1179.2	1178.0	1180.7
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



TEST NUMBER: P934725

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2613.7	2606.0	2616.3	2588.1	2616.3	2606.0	2613.7	2631.7	2616.3	2626.5	2636.8
5°	2293.4	2280.6	2239.5	2206.2	2239.5	2280.6	2293.4	2347.2	2372.9	2419.0	2480.5
7.5°	2049.9	2039.7	2029.4	2008.9	2029.4	2039.7	2049.9	2065.3	2090.9	2131.9	2178.0
10°	1996.1	1998.7	2014.0	2011.5	2014.0	1998.7	1996.1	1991.0	1983.3	1991.0	2019.2
12.5°	2134.5	2157.5	2242.1	2237.0	2242.1	2157.5	2134.5	2032.0	1962.8	1950.0	1955.1
15°	2293.4	2301.1	2319.0	2321.6	2319.0	2301.1	2293.4	2252.3	2044.8	1955.1	1926.9
17.5°	2308.8	2311.4	2324.2	2324.2	2324.2	2311.4	2308.8	2290.9	2221.6	2101.2	1942.3
20°	2296.0	2301.1	2326.7	2331.9	2326.7	2301.1	2296.0	2272.9	2234.4	2190.8	2070.4
22.5°	2290.9	2301.1	2321.6	2319.0	2321.6	2301.1	2290.9	2254.9	2221.6	2190.8	2142.2
25°	2265.2	2265.2	2267.8	2270.4	2267.8	2265.2	2265.2	2237.0	2170.3	2162.7	2134.5
27.5°	2211.3	2216.5	2231.8	2229.3	2231.8	2216.5	2211.3	2201.1	2129.3	2121.7	2101.2
30°	2162.7	2157.5	2144.7	2134.5	2144.7	2157.5	2162.7	2147.3	2075.5	2055.0	2060.2
32.5°	2080.7	2067.8	2055.0	2047.3	2055.0	2067.8	2080.7	2075.5	2021.7	1993.5	1998.7
35°	1983.3	1985.8	1983.3	1975.6	1983.3	1985.8	1983.3	1988.4	1955.1	1929.5	1926.9
37.5°	1914.1	1919.2	1916.7	1906.4	1916.7	1919.2	1914.1	1909.0	1862.9	1855.2	1860.3
40°	1842.4	1844.9	1842.4	1834.7	1842.4	1844.9	1842.4	1832.1	1768.0	1770.6	1788.5
42.5°	1773.2	1770.6	1762.9	1757.8	1762.9	1770.6	1773.2	1757.8	1675.8	1668.1	1701.4
45°	1693.7	1696.3	1680.9	1673.2	1680.9	1696.3	1693.7	1683.5	1598.9	1578.4	1601.5
47.5°	1614.3	1614.3	1601.5	1593.8	1601.5	1614.3	1614.3	1601.5	1511.8	1491.3	1504.1
50°	1529.7	1527.2	1509.2	1506.7	1509.2	1527.2	1529.7	1522.1	1427.2	1409.3	1409.3
52.5°	1432.4	1432.4	1434.9	1440.1	1434.9	1432.4	1432.4	1434.9	1350.4	1332.4	1327.3
55°	1347.8	1350.4	1368.3	1373.4	1368.3	1350.4	1347.8	1347.8	1270.9	1253.0	1242.8
57.5°	1260.7	1260.7	1273.5	1273.5	1273.5	1260.7	1260.7	1255.6	1181.3	1165.9	1160.8
60°	1160.8	1165.9	1176.1	1173.6	1176.1	1165.9	1160.8	1155.6	1091.6	1081.3	1063.4
62.5°	1055.7	1060.8	1063.4	1058.3	1063.4	1060.8	1055.7	1040.3	1001.9	994.2	971.1
65°	945.5	950.6	953.2	948.1	953.2	950.6	945.5	937.8	909.6	896.8	876.3
67.5°	832.8	830.2	827.7	837.9	827.7	830.2	832.8	822.5	804.6	794.3	766.2
70°	717.5	717.5	714.9	720.0	714.9	717.5	717.5	709.8	699.5	691.8	666.2
72.5°	594.5	591.9	602.2	594.5	602.2	591.9	594.5	591.9	586.8	579.1	553.5
75°	474.0	479.2	474.0	481.7	474.0	479.2	474.0	476.6	474.0	468.9	451.0
77.5°	361.3	366.4	361.3	361.3	361.3	366.4	361.3	363.9	363.9	363.9	348.5
80°	256.2	253.7	253.7	251.1	253.7	253.7	256.2	256.2	258.8	253.7	248.6
82.5°	164.0	161.4	161.4	166.6	161.4	161.4	164.0	166.6	161.4	161.4	161.4
85°	89.7	92.2	87.1	87.1	87.1	92.2	89.7	84.6	89.7	89.7	87.1
87.5°	33.3	30.7	30.7	30.7	30.7	30.7	33.3	35.9	35.9	35.9	38.4
90°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	40.2	53.6	60.4	51.9
92.5°	150.9	144.9	120.9	96.9	120.9	144.9	150.9	214.0	297.9	339.9	298.4
95°	512.3	494.1	421.4	348.7	421.4	494.1	512.3	672.8	886.8	993.7	839.3
97.5°	1182.7	1148.1	1009.8	871.4	1009.8	1148.1	1182.7	1284.1	1419.3	1487.0	1229.4
100°	1660.9	1619.7	1454.8	1290.0	1454.8	1619.7	1660.9	1653.5	1643.6	1638.6	1352.9
102.5°	2069.2	2033.9	1892.7	1751.5	1892.7	2033.9	2069.2	1940.0	1767.7	1681.6	1391.7
105°	2545.8	2526.9	2450.9	2375.0	2450.9	2526.9	2545.8	2256.2	1869.9	1676.8	1396.2
107.5°	2793.6	2798.2	2816.6	2834.9	2816.6	2798.2	2793.6	2389.6	1850.9	1581.5	1334.1
110°	2857.1	2876.9	2956.0	3035.1	2956.0	2876.9	2857.1	2405.5	1803.2	1502.1	1279.0



TEST NUMBER: P934725

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2816.7	2847.0	2968.4	3089.9	2968.4	2847.0	2816.7	2354.4	1738.0	1429.8	1230.9
115°	2679.2	2721.3	2889.7	3058.1	2889.7	2721.3	2679.2	2233.9	1640.1	1343.2	1175.7
117.5°	2489.4	2536.1	2722.8	2909.6	2722.8	2536.1	2489.4	2087.4	1551.5	1283.6	1141.1
120°	2361.5	2406.8	2588.3	2769.8	2588.3	2406.8	2361.5	1994.2	1504.5	1259.8	1129.5
122.5°	2233.6	2278.4	2457.3	2636.4	2457.3	2278.4	2233.6	1902.9	1461.9	1241.5	1123.4
125°	2064.4	2105.7	2270.5	2435.4	2270.5	2105.7	2064.4	1783.5	1409.0	1221.7	1118.4
127.5°	1928.6	1963.4	2102.5	2241.6	2102.5	1963.4	1928.6	1687.4	1365.8	1205.0	1115.5
130°	1842.8	1874.9	2003.4	2132.0	2003.4	1874.9	1842.8	1628.1	1341.7	1198.6	1117.2
132.5°	1769.8	1798.5	1913.6	2028.7	1913.6	1798.5	1769.8	1577.5	1321.2	1193.0	1118.4
135°	1666.5	1691.3	1790.5	1889.7	1790.5	1691.3	1666.5	1505.5	1290.8	1183.6	1117.4
137.5°	1590.2	1610.5	1691.7	1772.9	1691.7	1610.5	1590.2	1454.2	1272.7	1181.9	1124.2
140°	1529.1	1548.0	1624.0	1699.8	1624.0	1548.0	1529.1	1411.5	1254.8	1176.4	1125.4
142.5°	1486.2	1502.5	1567.8	1633.1	1567.8	1502.5	1486.2	1382.9	1245.2	1176.4	1129.4
145°	1421.9	1434.3	1483.6	1533.0	1483.6	1434.3	1421.9	1337.4	1224.7	1168.4	1129.4
147.5°	1367.8	1378.1	1419.0	1460.0	1419.0	1378.1	1367.8	1301.3	1212.8	1168.4	1137.2
150°	1336.8	1345.1	1378.3	1411.5	1378.3	1345.1	1336.8	1280.7	1205.9	1168.4	1141.3
152.5°	1312.2	1318.4	1343.5	1368.6	1343.5	1318.4	1312.2	1264.3	1200.4	1168.4	1143.9
155°	1282.8	1287.0	1303.6	1320.1	1303.6	1287.0	1282.8	1244.7	1193.9	1168.4	1149.7
157.5°	1257.4	1260.3	1272.0	1283.6	1272.0	1260.3	1257.4	1227.7	1188.2	1168.4	1155.5
160°	1244.7	1246.4	1253.1	1259.8	1253.1	1246.4	1244.7	1219.3	1185.4	1168.4	1158.2
162.5°	1232.8	1234.4	1240.7	1247.1	1240.7	1234.4	1232.8	1211.3	1182.7	1168.4	1161.0
165°	1214.5	1216.2	1222.9	1229.6	1222.9	1216.2	1214.5	1199.1	1178.7	1168.4	1165.1
167.5°	1206.5	1207.2	1210.1	1212.9	1210.1	1207.2	1206.5	1196.5	1183.1	1176.4	1173.6
170°	1206.5	1206.5	1206.5	1206.5	1206.5	1206.5	1206.5	1196.5	1183.1	1176.4	1176.2
172.5°	1200.2	1199.6	1197.1	1194.7	1197.1	1199.6	1200.2	1192.3	1181.7	1176.4	1176.4
175°	1191.5	1191.5	1191.5	1191.5	1191.5	1191.5	1191.5	1186.5	1179.7	1176.4	1178.0
177.5°	1189.9	1189.2	1186.4	1183.6	1186.4	1189.2	1189.9	1186.0	1180.7	1178.0	1179.2
180°	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6	1183.6



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2708.5	2708.5	2708.5	2708.5	2708.5
2.5°	2675.2	2688.0	2695.7	2706.0	2731.6
5°	2572.7	2621.4	2636.8	2675.2	2721.3
7.5°	2347.2	2495.8	2536.8	2629.1	2700.8
10°	2129.3	2278.0	2349.8	2567.6	2675.2
12.5°	2019.2	2106.3	2155.0	2460.0	2639.3
15°	1950.0	2011.5	2047.3	2316.5	2598.3
17.5°	1896.2	1939.7	1965.3	2175.5	2542.0
20°	1862.9	1883.4	1906.4	2073.0	2477.9
22.5°	1839.8	1827.0	1844.9	2001.2	2390.8
25°	1824.4	1775.7	1796.2	1944.8	2288.3
27.5°	1837.2	1729.6	1737.3	1893.6	2180.6
30°	1839.8	1673.2	1675.8	1839.8	2060.2
32.5°	1821.9	1614.3	1616.9	1773.2	1924.4
35°	1778.3	1545.1	1542.6	1696.3	1739.9
37.5°	1719.4	1470.8	1470.8	1611.7	1537.4
40°	1647.6	1396.5	1404.2	1501.6	1358.1
42.5°	1560.5	1317.1	1327.3	1355.5	1224.8
45°	1465.7	1240.2	1247.9	1145.4	1122.3
47.5°	1360.6	1160.8	1163.3	950.6	1089.0
50°	1235.1	1078.8	1068.5	814.8	1086.5
52.5°	1124.9	989.1	958.3	738.0	986.5
55°	1017.3	894.3	827.7	679.0	914.8
57.5°	922.5	771.3	707.2	609.8	899.4
60°	835.3	650.8	602.2	535.5	825.1
62.5°	763.6	561.2	550.9	484.3	748.2
65°	686.7	499.7	497.1	440.7	635.5
67.5°	612.4	458.7	456.1	399.7	484.3
70°	533.0	415.1	410.0	356.2	358.7
72.5°	451.0	366.4	361.3	320.3	297.2
75°	369.0	310.0	307.5	279.3	240.9
77.5°	289.5	246.0	251.1	225.5	176.8
80°	207.6	179.4	184.5	161.4	133.2
82.5°	138.4	117.9	123.0	102.5	89.7
85°	76.9	66.6	69.2	53.8	41.0
87.5°	35.9	30.7	30.7	20.5	12.8
90°	34.9	22.2	20.6	14.3	7.9
92.5°	215.5	153.3	139.8	85.8	31.8
95°	530.3	298.7	274.0	175.1	76.3
97.5°	714.4	328.1	306.3	219.1	131.9
100°	781.4	352.7	332.9	253.8	174.8
102.5°	812.0	377.3	358.8	285.1	211.3
105°	834.8	413.8	398.2	335.8	273.2
107.5°	839.1	467.9	453.3	395.0	336.8
110°	832.7	498.0	484.9	432.3	379.7



TEST NUMBER: P934725
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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	833.0	534.6	522.0	471.9	421.8
115°	840.6	589.3	577.8	531.5	485.3
117.5°	856.3	642.6	632.1	590.1	548.1
120°	869.0	673.6	663.7	624.2	584.7
122.5°	887.3	710.1	700.1	660.2	620.4
125°	911.9	757.0	748.0	711.6	675.2
127.5°	936.6	802.3	793.1	756.4	719.7
130°	954.5	832.4	822.5	783.1	743.5
132.5°	969.0	857.0	847.1	807.7	768.1
135°	985.0	885.6	876.7	840.6	804.7
137.5°	1008.8	922.2	913.3	877.6	842.0
140°	1023.3	946.8	938.6	905.7	872.9
142.5°	1035.5	965.1	957.5	927.2	896.7
145°	1051.4	992.9	986.3	959.8	933.3
147.5°	1074.7	1027.9	1021.5	995.7	969.9
150°	1086.9	1046.1	1040.3	1017.0	993.7
152.5°	1094.8	1058.0	1053.6	1036.0	1018.3
155°	1112.3	1084.2	1081.0	1067.9	1054.8
157.5°	1129.8	1110.5	1107.3	1094.6	1081.8
160°	1137.8	1122.4	1119.9	1110.0	1100.1
162.5°	1146.2	1135.1	1133.2	1125.8	1118.4
165°	1158.4	1153.3	1151.6	1145.0	1138.3
167.5°	1167.9	1163.7	1162.9	1159.6	1156.5
170°	1175.9	1175.6	1174.9	1171.6	1168.4
172.5°	1176.4	1176.4	1176.2	1175.5	1174.8
175°	1181.2	1183.6	1183.6	1183.6	1183.6
177.5°	1181.7	1183.6	1183.6	1183.6	1183.6
180°	1183.6	1183.6	1183.6	1183.6	1183.6



TEST NUMBER: P934725
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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	11.99	12.83	12.97	13.82	15.12	14.84	15.68	15.82	16.67	17.97
	3H	12.47	13.22	13.45	14.22	15.54	16.19	16.95	17.18	17.94	19.27
	4H	12.66	13.37	13.66	14.37	15.70	16.64	17.35	17.64	18.36	19.69
	6H	12.77	13.43	13.78	14.44	15.78	16.93	17.59	17.94	18.59	19.94
	8H	12.77	13.40	13.79	14.42	15.76	17.01	17.63	18.02	18.66	20.00
	12H	12.74	13.34	13.77	14.36	15.72	17.05	17.64	18.07	18.66	20.03
4H	2H	13.02	13.74	14.03	14.74	16.07	15.25	15.96	16.25	16.96	18.30
	3H	14.05	14.65	15.07	15.68	17.02	16.76	17.35	17.77	18.38	19.73
	4H	14.33	14.87	15.35	15.89	17.26	17.29	17.83	18.31	18.86	20.23
	6H	14.45	14.92	15.48	15.96	17.33	17.66	18.13	18.69	19.17	20.54
	8H	14.45	14.89	15.49	15.93	17.31	17.77	18.21	18.80	19.24	20.63
	12H	14.42	14.82	15.47	15.87	17.26	17.83	18.22	18.88	19.28	20.66
8H	4H	14.78	15.22	15.82	16.26	17.64	17.41	17.85	18.45	18.89	20.27
	6H	15.04	15.40	16.10	16.48	17.86	17.85	18.21	18.91	19.30	20.67
	8H	15.08	15.40	16.15	16.47	17.86	18.01	18.33	19.07	19.39	20.79
	12H	15.07	15.35	16.14	16.41	17.85	18.11	18.39	19.18	19.45	20.89
12H	4H	14.79	15.18	15.84	16.24	17.62	17.38	17.77	18.43	18.82	20.21
	6H	15.10	15.42	16.17	16.49	17.88	17.85	18.17	18.92	19.23	20.63
	8H	15.17	15.45	16.24	16.51	17.95	18.01	18.29	19.08	19.35	20.79