

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: P934673

Luminaire Tested: SQ4-FA-075U-050D-940-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934673
REPORT IS A COMBINATION OF REPORTS P933705 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-050D-940-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

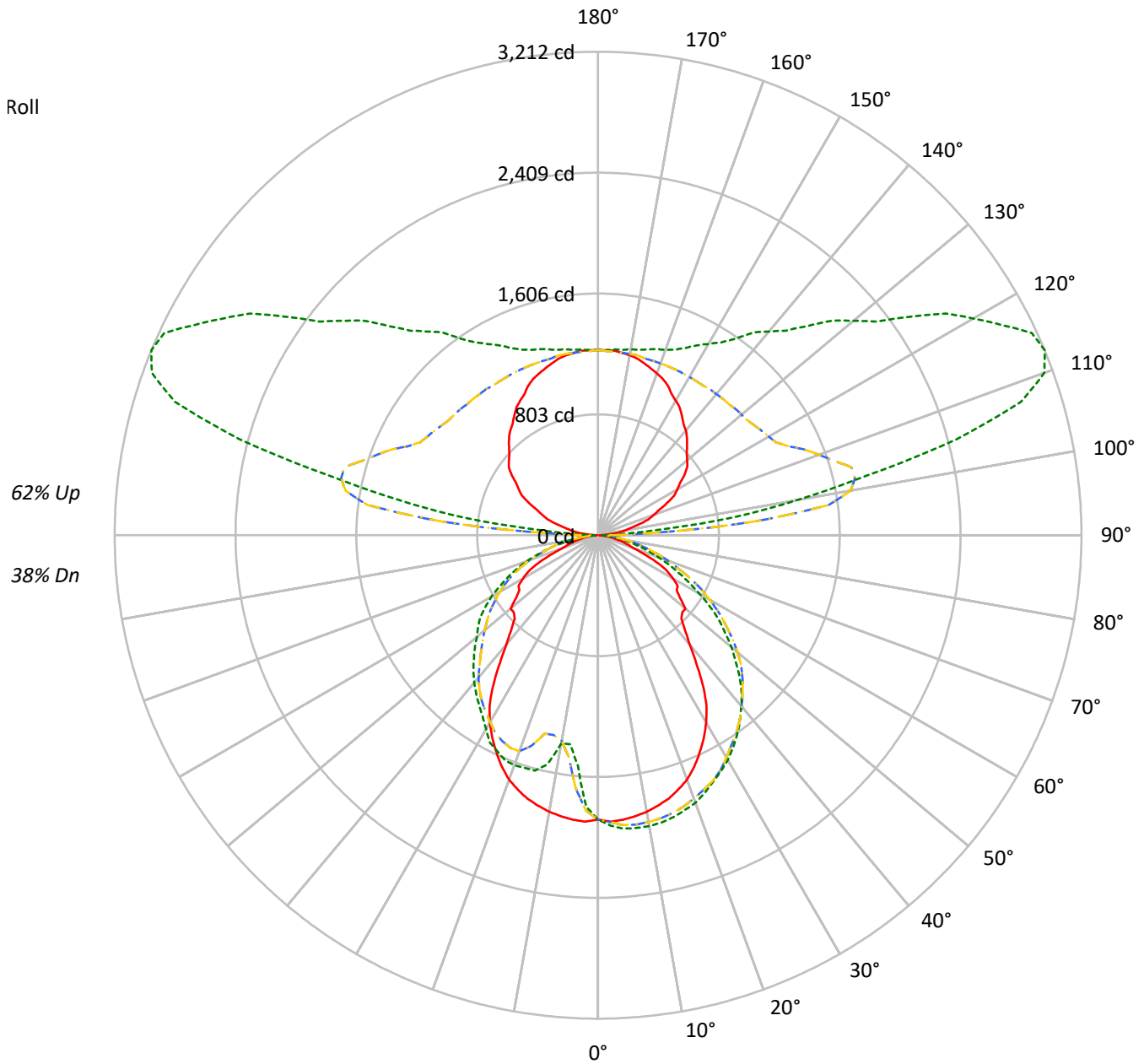
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12877.8 lumens
Efficiency: N/A
Efficacy: 124.8 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: Semi-Indirect

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



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	0	
RCR																						
0	104	104	104	104	95	95	95	95	77	77	77	60	60	60	45	45	45	38				38
1	95	91	87	84	86	83	79	77	67	65	63	53	52	50	40	39	38	32				32
2	87	79	73	68	78	72	67	63	59	55	52	47	44	42	35	34	32	27				27
3	79	70	63	57	71	64	57	52	52	47	44	41	38	35	31	29	27	23				23
4	72	62	54	48	65	56	50	44	46	41	37	37	33	30	28	25	24	20				20
5	66	55	47	41	60	50	43	38	41	36	32	33	29	26	25	22	20	17				17
6	61	49	41	35	55	45	38	33	37	32	28	30	26	23	23	20	18	15				15
7	56	44	36	31	51	40	34	29	33	28	24	27	23	20	21	18	16	13				13
8	52	40	32	27	47	37	30	25	30	25	22	24	21	18	19	16	14	12				12
9	48	36	29	24	44	33	27	22	28	23	19	22	19	16	17	15	13	11				11
10	45	33	26	22	41	31	24	20	26	21	17	21	17	14	16	14	12	10				10

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	5841	5841	5841	5841
5°	5887	5897	5887	4636
10°	5850	5808	5850	4152
15°	5788	5682	5788	4745
20°	5670	5534	5670	4755
25°	5424	5316	5424	4654
30°	5106	5135	5106	4433
35°	4554	4907	4554	4190
40°	3797	4638	3797	4006
45°	3395	4323	3395	3795
50°	3610	3948	3610	3583
55°	3399	3544	3399	3460
60°	3508	3010	3508	3169
65°	3186	2488	3186	2781
70°	2211	1983	2211	2332
75°	1946	1466	1946	1755
80°	1580	969	1580	1055
85°	927	514	927	436

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 5200 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.5	1.3
10°-20°	484.0	3.8
20°-30°	748.2	5.8
30°-40°	893.2	6.9
40°-50°	898.4	7.0
50°-60°	781.7	6.1
60°-70°	554.3	4.3
70°-80°	293.2	2.3
80°-90°	77.7	0.6
90°-100°	599.8	4.7
100°-110°	1576.9	12.2
110°-120°	1635.1	12.7
120°-130°	1311.5	10.2
130°-140°	1029.1	8.0
140°-150°	789.9	6.1
150°-160°	568.8	4.4
160°-170°	348.0	2.7
170°-180°	117.6	0.9
0°-30°	1402.6	10.9
0°-40°	2295.8	17.8
0°-60°	3975.9	30.9
0°-90°	4901.1	38.1
90°-120°	3811.7	29.6
90°-150°	6942.2	53.9
90°-180°	7977.0	61.9
0°-180°	12877.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1888	1888	1888	1888	1888	
5°	1897	1956	1897	1538	1897	180
15°	1812	1938	1812	1619	1812	510
25°	1596	1808	1596	1583	1596	733
35°	1213	1613	1213	1378	1213	751
45°	782	1329	782	1167	782	627
55°	638	981	638	958	638	586
65°	443	591	443	661	443	423
75°	168	280	168	336	168	177
85°	29	72	29	61	29	39
90°	8	31	8	31	8	8
95°	79	363	79	363	79	88
105°	284	2469	284	2469	284	301
115°	505	3179	505	3179	505	498
125°	702	2532	702	2532	702	623
135°	837	1965	837	1965	837	647
145°	970	1594	970	1594	970	608
155°	1097	1372	1097	1372	1097	504
165°	1183	1278	1183	1278	1183	334
175°	1230	1239	1230	1239	1230	117
180°	1230	1230	1230	1230	1230	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4
2.5°	1904.5	1904.5	1915.2	1918.8	1918.8	1913.5	1908.1	1913.5	1929.5	1934.9	1933.1
5°	1897.4	1911.7	1931.3	1934.9	1938.5	1936.7	1933.1	1936.7	1954.6	1958.1	1959.9
7.5°	1883.1	1909.9	1934.9	1940.3	1945.6	1940.3	1938.5	1942.1	1959.9	1963.5	1963.5
10°	1865.2	1902.7	1931.3	1934.9	1940.3	1934.9	1934.9	1942.1	1959.9	1963.5	1965.3
12.5°	1840.2	1892.1	1918.8	1922.4	1929.5	1927.8	1926.0	1933.1	1951.0	1954.6	1954.6
15°	1811.6	1872.3	1897.4	1900.9	1913.5	1909.9	1909.9	1917.0	1936.7	1942.1	1940.3
17.5°	1772.4	1847.4	1876.0	1881.3	1890.3	1888.4	1890.3	1897.4	1915.2	1918.8	1920.7
20°	1727.7	1813.4	1847.4	1852.7	1861.7	1861.7	1861.7	1870.6	1888.4	1895.6	1895.6
22.5°	1667.0	1777.7	1813.4	1817.0	1827.7	1827.7	1831.3	1843.8	1859.8	1861.7	1861.7
25°	1595.5	1738.3	1768.7	1779.5	1790.2	1795.5	1801.0	1808.1	1813.4	1811.6	1813.4
27.5°	1520.4	1688.4	1727.7	1734.8	1749.1	1754.4	1761.6	1763.4	1765.2	1770.5	1766.9
30°	1436.4	1618.6	1677.6	1684.8	1708.0	1711.6	1704.4	1708.0	1716.9	1720.5	1724.1
32.5°	1341.8	1515.0	1625.8	1641.9	1663.3	1652.7	1650.8	1656.2	1670.5	1670.5	1674.1
35°	1213.1	1434.7	1577.6	1591.9	1608.0	1595.5	1602.6	1604.3	1613.3	1618.6	1616.9
37.5°	1072.0	1364.9	1527.5	1538.3	1550.8	1534.7	1545.4	1550.8	1557.9	1554.4	1554.4
40°	946.9	1256.0	1468.6	1475.8	1486.4	1474.0	1484.6	1488.3	1491.8	1488.3	1486.4
42.5°	854.0	1136.3	1406.1	1415.0	1407.8	1416.8	1420.4	1427.5	1422.1	1415.0	1415.0
45°	782.5	1104.1	1338.2	1348.9	1338.2	1352.5	1357.8	1357.8	1341.8	1338.2	1336.4
47.5°	759.3	1039.8	1270.3	1270.3	1265.0	1282.8	1291.7	1279.3	1263.2	1257.8	1257.8
50°	757.6	968.4	1177.4	1170.2	1195.2	1216.6	1207.8	1195.2	1182.7	1163.1	1163.1
52.5°	687.8	880.8	1057.7	1084.5	1123.8	1136.3	1122.0	1109.5	1088.1	1079.1	1072.0
55°	637.9	789.7	948.7	1002.3	1043.4	1059.5	1032.7	1020.1	988.0	982.7	979.1
57.5°	627.1	657.5	848.7	916.5	966.6	964.8	948.7	925.5	898.7	893.3	891.6
60°	575.3	475.3	741.5	821.8	873.6	868.3	854.0	832.6	807.5	804.0	800.4
62.5°	521.7	344.8	619.9	711.1	784.3	782.5	770.1	737.8	720.0	711.1	703.9
65°	443.1	289.4	441.3	591.4	696.8	700.4	673.5	650.4	630.7	619.9	618.1
67.5°	337.7	235.9	298.4	493.1	612.8	609.3	575.3	564.6	539.5	534.2	523.5
70°	250.1	157.3	207.3	400.2	530.7	521.7	494.9	482.4	459.2	446.7	439.5
72.5°	207.3	126.8	151.8	310.9	446.7	435.9	412.7	398.4	378.7	368.1	360.9
75°	167.9	134.0	116.2	230.4	362.7	355.6	334.1	319.8	303.7	289.4	291.2
77.5°	123.3	125.0	92.9	169.7	287.6	277.0	264.4	246.6	239.4	225.1	225.1
80°	92.9	98.3	69.7	116.2	207.3	207.3	196.5	184.0	171.5	164.4	164.4
82.5°	62.5	62.5	51.8	73.3	141.1	135.8	128.7	125.0	117.9	114.4	114.4
85°	28.6	35.7	32.1	44.7	76.8	80.4	80.4	76.8	75.0	71.5	73.3
87.5°	9.0	16.1	19.6	25.0	39.3	41.1	42.9	42.9	42.9	44.7	44.7
90°	8.3	14.8	21.4	23.1	36.3	54.0	62.8	55.8	41.8	31.3	31.3
92.5°	33.0	89.2	145.4	159.4	224.0	310.3	353.4	309.7	222.4	156.9	150.7
95°	79.3	182.0	284.9	310.5	551.4	872.5	1033.1	921.9	699.5	532.6	513.7
97.5°	137.1	227.8	318.4	341.1	742.7	1278.2	1545.9	1475.6	1335.0	1229.6	1193.6
100°	181.7	263.9	346.1	366.7	812.3	1406.5	1703.6	1708.8	1719.1	1726.8	1683.9
102.5°	219.7	296.4	373.0	392.2	844.2	1446.9	1748.3	1837.8	2016.9	2151.3	2114.6
105°	284.1	349.1	414.0	430.2	867.9	1451.5	1743.3	1944.1	2345.7	2646.8	2627.1
107.5°	350.1	410.7	471.3	486.4	872.4	1387.0	1644.2	1924.3	2484.4	2904.4	2909.2
110°	394.7	449.4	504.1	517.8	865.7	1329.7	1561.6	1874.7	2500.9	2970.4	2991.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	438.5	490.6	542.7	555.8	866.1	1279.7	1486.5	1806.9	2447.8	2928.4	2959.9
115°	504.6	552.6	600.7	612.7	874.0	1222.3	1396.5	1705.1	2322.5	2785.5	2829.3
117.5°	569.8	613.5	657.1	668.0	890.2	1186.4	1334.5	1613.1	2170.2	2588.1	2636.6
120°	607.8	649.0	690.0	700.3	903.5	1174.3	1309.7	1564.2	2073.3	2455.1	2502.3
122.5°	645.0	686.4	727.9	738.3	922.5	1168.0	1290.7	1519.9	1978.4	2322.2	2368.7
125°	702.0	739.8	777.6	787.0	948.0	1162.7	1270.1	1464.8	1854.2	2146.3	2189.2
127.5°	748.2	786.4	824.6	834.1	973.7	1159.7	1252.8	1420.0	1754.3	2005.1	2041.2
130°	773.0	814.1	855.1	865.4	992.3	1161.5	1246.1	1395.0	1692.6	1915.9	1949.2
132.5°	798.6	839.7	880.7	891.0	1007.4	1162.7	1240.4	1373.6	1640.0	1839.9	1869.9
135°	836.6	874.0	911.4	920.8	1024.0	1161.7	1230.5	1342.0	1565.2	1732.6	1758.3
137.5°	875.4	912.4	949.5	958.8	1048.8	1168.8	1228.8	1323.1	1511.8	1653.3	1674.4
140°	907.5	941.6	975.8	984.3	1063.9	1170.0	1223.0	1304.6	1467.5	1589.7	1609.4
142.5°	932.3	963.9	995.4	1003.4	1076.6	1174.2	1223.0	1294.6	1437.8	1545.1	1562.1
145°	970.3	997.8	1025.4	1032.3	1093.1	1174.2	1214.8	1273.3	1390.4	1478.3	1491.1
147.5°	1008.3	1035.1	1062.0	1068.6	1117.4	1182.3	1214.8	1260.9	1353.0	1422.0	1432.7
150°	1033.1	1057.3	1081.6	1087.6	1130.0	1186.5	1214.8	1253.7	1331.5	1389.8	1398.4
152.5°	1058.7	1077.1	1095.3	1100.0	1138.2	1189.3	1214.8	1248.0	1314.4	1364.2	1370.7
155°	1096.7	1110.3	1123.9	1127.2	1156.4	1195.3	1214.8	1241.2	1294.1	1333.7	1338.0
157.5°	1124.7	1138.0	1151.2	1154.5	1174.6	1201.4	1214.8	1235.3	1276.4	1307.2	1310.2
160°	1143.7	1154.0	1164.3	1166.9	1182.9	1204.1	1214.8	1232.4	1267.6	1294.1	1295.9
162.5°	1162.7	1170.5	1178.1	1180.1	1191.6	1207.1	1214.8	1229.6	1259.4	1281.7	1283.3
165°	1183.4	1190.4	1197.3	1199.1	1204.3	1211.3	1214.8	1225.4	1246.7	1262.6	1264.4
167.5°	1202.4	1205.6	1209.0	1209.8	1214.3	1220.1	1223.0	1230.0	1243.9	1254.4	1255.1
170°	1214.8	1218.1	1221.4	1222.2	1222.5	1222.9	1223.0	1230.0	1243.9	1254.4	1254.4
172.5°	1221.4	1222.1	1222.9	1223.0	1223.0	1223.0	1223.0	1228.5	1239.6	1247.8	1247.2
175°	1230.5	1230.5	1230.5	1230.5	1228.0	1224.7	1223.0	1226.5	1233.5	1238.8	1238.8
177.5°	1230.5	1230.5	1230.5	1230.5	1228.5	1226.0	1224.7	1227.5	1233.0	1237.1	1236.4
180°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4
2.5°	1936.7	1931.3	1936.7	1933.1	1934.9	1929.5	1913.5	1908.1	1913.5	1918.8	1918.8
5°	1959.9	1956.4	1959.9	1959.9	1958.1	1954.6	1936.7	1933.1	1936.7	1938.5	1934.9
7.5°	1967.1	1961.7	1967.1	1963.5	1963.5	1959.9	1942.1	1938.5	1940.3	1945.6	1940.3
10°	1967.1	1961.7	1967.1	1965.3	1963.5	1959.9	1942.1	1934.9	1934.9	1940.3	1934.9
12.5°	1958.1	1954.6	1958.1	1954.6	1954.6	1951.0	1933.1	1926.0	1927.8	1929.5	1922.4
15°	1943.8	1938.5	1943.8	1940.3	1942.1	1936.7	1917.0	1909.9	1909.9	1913.5	1900.9
17.5°	1922.4	1915.2	1922.4	1920.7	1918.8	1915.2	1897.4	1890.3	1888.4	1890.3	1881.3
20°	1897.4	1892.1	1897.4	1895.6	1895.6	1888.4	1870.6	1861.7	1861.7	1861.7	1852.7
22.5°	1858.1	1852.7	1858.1	1861.7	1861.7	1859.8	1843.8	1831.3	1827.7	1827.7	1817.0
25°	1813.4	1808.1	1813.4	1813.4	1811.6	1813.4	1808.1	1801.0	1795.5	1790.2	1779.5
27.5°	1770.5	1766.9	1770.5	1766.9	1770.5	1765.2	1763.4	1761.6	1754.4	1749.1	1734.8
30°	1727.7	1724.1	1727.7	1724.1	1720.5	1716.9	1708.0	1704.4	1711.6	1708.0	1684.8
32.5°	1674.1	1670.5	1674.1	1674.1	1670.5	1670.5	1656.2	1650.8	1652.7	1663.3	1641.9
35°	1618.6	1613.3	1618.6	1616.9	1618.6	1613.3	1604.3	1602.6	1595.5	1608.0	1591.9
37.5°	1554.4	1549.0	1554.4	1554.4	1554.4	1557.9	1550.8	1545.4	1534.7	1550.8	1538.3
40°	1488.3	1481.1	1488.3	1486.4	1488.3	1491.8	1488.3	1484.6	1474.0	1486.4	1475.8
42.5°	1413.3	1411.4	1413.3	1415.0	1415.0	1422.1	1427.5	1420.4	1416.8	1407.8	1415.0
45°	1332.8	1329.2	1332.8	1336.4	1338.2	1341.8	1357.8	1357.8	1352.5	1338.2	1348.9
47.5°	1247.0	1238.1	1247.0	1257.8	1257.8	1263.2	1279.3	1291.7	1282.8	1265.0	1270.3
50°	1155.9	1157.7	1155.9	1163.1	1163.1	1182.7	1195.2	1207.8	1216.6	1195.2	1170.2
52.5°	1066.6	1064.8	1066.6	1072.0	1079.1	1088.1	1109.5	1122.0	1136.3	1123.8	1084.5
55°	977.2	980.9	977.2	979.1	982.7	988.0	1020.1	1032.7	1059.5	1043.4	1002.3
57.5°	887.9	882.6	887.9	891.6	893.3	898.7	925.5	948.7	964.8	966.6	916.5
60°	784.3	777.2	784.3	800.4	804.0	807.5	832.6	854.0	868.3	873.6	821.8
62.5°	693.2	680.7	693.2	703.9	711.1	720.0	737.8	770.1	782.5	784.3	711.1
65°	596.7	591.4	596.7	618.1	619.9	630.7	650.4	673.5	700.4	696.8	591.4
67.5°	509.2	509.2	509.2	523.5	534.2	539.5	564.6	575.3	609.3	612.8	493.1
70°	428.8	427.0	428.8	439.5	446.7	459.2	482.4	494.9	521.7	530.7	400.2
72.5°	352.0	350.1	352.0	360.9	368.1	378.7	398.4	412.7	435.9	446.7	310.9
75°	284.1	280.5	284.1	291.2	289.4	303.7	319.8	334.1	355.6	362.7	230.4
77.5°	218.0	218.0	218.0	225.1	225.1	239.4	246.6	264.4	277.0	287.6	169.7
80°	162.6	160.8	162.6	164.4	164.4	171.5	184.0	196.5	207.3	207.3	116.2
82.5°	114.4	110.7	114.4	114.4	114.4	117.9	125.0	128.7	135.8	141.1	73.3
85°	71.5	71.5	71.5	73.3	71.5	75.0	76.8	80.4	80.4	76.8	44.7
87.5°	46.4	44.7	46.4	44.7	44.7	42.9	42.9	42.9	41.1	39.3	25.0
90°	31.3	31.3	31.3	31.3	31.3	41.8	55.8	62.8	54.0	36.3	23.1
92.5°	125.7	100.8	125.7	150.7	156.9	222.4	309.7	353.4	310.3	224.0	159.4
95°	438.1	362.6	438.1	513.7	532.6	699.5	921.9	1033.1	872.5	551.4	310.5
97.5°	1049.8	905.9	1049.8	1193.6	1229.6	1335.0	1475.6	1545.9	1278.2	742.7	341.1
100°	1512.5	1341.1	1512.5	1683.9	1726.8	1719.1	1708.8	1703.6	1406.5	812.3	366.7
102.5°	1967.7	1820.9	1967.7	2114.6	2151.3	2016.9	1837.8	1748.3	1446.9	844.2	392.2
105°	2548.1	2469.2	2548.1	2627.1	2646.8	2345.7	1944.1	1743.3	1451.5	867.9	430.2
107.5°	2928.3	2947.4	2928.3	2909.2	2904.4	2484.4	1924.3	1644.2	1387.0	872.4	486.4
110°	3073.2	3155.4	3073.2	2991.0	2970.4	2500.9	1874.7	1561.6	1329.7	865.7	517.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3086.2	3212.4	3086.2	2959.9	2928.4	2447.8	1806.9	1486.5	1279.7	866.1	555.8
115°	3004.3	3179.4	3004.3	2829.3	2785.5	2322.5	1705.1	1396.5	1222.3	874.0	612.7
117.5°	2830.8	3025.0	2830.8	2636.6	2588.1	2170.2	1613.1	1334.5	1186.4	890.2	668.0
120°	2691.0	2879.6	2691.0	2502.3	2455.1	2073.3	1564.2	1309.7	1174.3	903.5	700.3
122.5°	2554.8	2740.9	2554.8	2368.7	2322.2	1978.4	1519.9	1290.7	1168.0	922.5	738.3
125°	2360.6	2532.0	2360.6	2189.2	2146.3	1854.2	1464.8	1270.1	1162.7	948.0	787.0
127.5°	2185.9	2330.5	2185.9	2041.2	2005.1	1754.3	1420.0	1252.8	1159.7	973.7	834.1
130°	2082.9	2216.5	2082.9	1949.2	1915.9	1692.6	1395.0	1246.1	1161.5	992.3	865.4
132.5°	1989.5	2109.2	1989.5	1869.9	1839.9	1640.0	1373.6	1240.4	1162.7	1007.4	891.0
135°	1861.5	1964.6	1861.5	1758.3	1732.6	1565.2	1342.0	1230.5	1161.7	1024.0	920.8
137.5°	1758.8	1843.2	1758.8	1674.4	1653.3	1511.8	1323.1	1228.8	1168.8	1048.8	958.8
140°	1688.4	1767.2	1688.4	1609.4	1589.7	1467.5	1304.6	1223.0	1170.0	1063.9	984.3
142.5°	1630.0	1697.9	1630.0	1562.1	1545.1	1437.8	1294.6	1223.0	1174.2	1076.6	1003.4
145°	1542.5	1593.8	1542.5	1491.1	1478.3	1390.4	1273.3	1214.8	1174.2	1093.1	1032.3
147.5°	1475.2	1517.9	1475.2	1432.7	1422.0	1353.0	1260.9	1214.8	1182.3	1117.4	1068.6
150°	1433.0	1467.5	1433.0	1398.4	1389.8	1331.5	1253.7	1214.8	1186.5	1130.0	1087.6
152.5°	1396.8	1422.8	1396.8	1370.7	1364.2	1314.4	1248.0	1214.8	1189.3	1138.2	1100.0
155°	1355.3	1372.5	1355.3	1338.0	1333.7	1294.1	1241.2	1214.8	1195.3	1156.4	1127.2
157.5°	1322.4	1334.5	1322.4	1310.2	1307.2	1276.4	1235.3	1214.8	1201.4	1174.6	1154.5
160°	1302.8	1309.7	1302.8	1295.9	1294.1	1267.6	1232.4	1214.8	1204.1	1182.9	1166.9
162.5°	1289.9	1296.6	1289.9	1283.3	1281.7	1259.4	1229.6	1214.8	1207.1	1191.6	1180.1
165°	1271.3	1278.4	1271.3	1264.4	1262.6	1246.7	1225.4	1214.8	1211.3	1204.3	1199.1
167.5°	1258.1	1261.0	1258.1	1255.1	1254.4	1243.9	1230.0	1223.0	1220.1	1214.3	1209.8
170°	1254.4	1254.4	1254.4	1254.4	1254.4	1243.9	1230.0	1223.0	1222.9	1222.5	1222.2
172.5°	1244.6	1242.0	1244.6	1247.2	1247.8	1239.6	1228.5	1223.0	1223.0	1223.0	1223.0
175°	1238.8	1238.8	1238.8	1238.8	1238.8	1233.5	1226.5	1223.0	1224.7	1228.0	1230.5
177.5°	1233.4	1230.5	1233.4	1236.4	1237.1	1233.0	1227.5	1224.7	1226.0	1228.5	1230.5
180°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4
2.5°	1915.2	1904.5	1904.5	1886.6	1879.5	1874.1	1865.2	1838.4	1831.3	1824.1	1834.9
5°	1931.3	1911.7	1897.4	1865.2	1838.4	1827.7	1793.8	1729.5	1686.6	1654.4	1636.6
7.5°	1934.9	1909.9	1883.1	1833.1	1768.7	1740.1	1636.6	1518.7	1486.4	1457.9	1440.0
10°	1931.3	1902.7	1865.2	1790.2	1638.4	1588.3	1484.6	1407.8	1388.2	1382.9	1388.2
12.5°	1918.8	1892.1	1840.2	1715.2	1502.6	1468.6	1407.8	1363.2	1359.6	1368.6	1416.8
15°	1897.4	1872.3	1811.6	1615.1	1427.5	1402.5	1359.6	1343.5	1363.2	1425.7	1570.4
17.5°	1876.0	1847.4	1772.4	1516.9	1370.4	1352.5	1322.1	1354.3	1465.0	1549.0	1597.2
20°	1847.4	1813.4	1727.7	1445.4	1329.2	1313.2	1298.9	1443.6	1527.5	1557.9	1584.7
22.5°	1813.4	1777.7	1667.0	1395.3	1286.4	1273.8	1282.8	1493.6	1527.5	1549.0	1572.2
25°	1768.7	1738.3	1595.5	1356.1	1252.4	1238.1	1272.1	1488.3	1507.9	1513.2	1559.7
27.5°	1727.7	1688.4	1520.4	1320.3	1211.3	1206.0	1281.0	1465.0	1479.3	1484.6	1534.7
30°	1677.6	1618.6	1436.4	1282.8	1168.4	1166.7	1282.8	1436.4	1432.9	1447.2	1497.2
32.5°	1625.8	1515.0	1341.8	1236.4	1127.3	1125.5	1270.3	1393.5	1390.0	1409.6	1447.2
35°	1577.6	1434.7	1213.1	1182.7	1075.5	1077.3	1239.9	1343.5	1345.3	1363.2	1386.4
37.5°	1527.5	1364.9	1072.0	1123.8	1025.6	1025.6	1198.8	1297.1	1293.5	1298.9	1331.0
40°	1468.6	1256.0	946.9	1047.0	979.1	973.7	1148.8	1247.0	1234.6	1232.8	1277.4
42.5°	1406.1	1136.3	854.0	945.1	925.5	918.3	1088.1	1186.3	1163.1	1168.4	1225.6
45°	1338.2	1104.1	782.5	798.6	870.1	864.7	1021.9	1116.7	1100.6	1114.9	1173.8
47.5°	1270.3	1039.8	759.3	662.8	811.1	809.3	948.7	1048.7	1039.8	1054.1	1116.7
50°	1177.4	968.4	757.6	568.1	745.0	752.1	861.2	982.7	982.7	995.2	1061.2
52.5°	1057.7	880.8	687.8	514.5	668.2	689.6	784.3	925.5	929.0	941.5	1000.5
55°	948.7	789.7	637.9	473.5	577.1	623.6	709.2	866.5	873.6	886.1	939.8
57.5°	848.7	657.5	627.1	425.2	493.1	537.8	643.2	809.3	812.9	823.6	875.5
60°	741.5	475.3	575.3	373.4	419.8	453.8	582.4	741.5	753.9	761.1	805.8
62.5°	619.9	344.8	521.7	337.7	384.1	391.3	532.4	677.1	693.2	698.6	725.4
65°	441.3	289.4	443.1	307.3	346.6	348.4	478.8	611.0	625.3	634.2	653.9
67.5°	298.4	235.9	337.7	278.7	318.0	319.8	427.0	534.2	553.8	561.0	573.5
70°	207.3	157.3	250.1	248.4	285.8	289.4	371.6	464.5	482.4	487.8	494.9
72.5°	151.8	126.8	207.3	223.3	251.9	255.5	314.4	385.9	403.8	409.1	412.7
75°	116.2	134.0	167.9	194.7	214.4	216.1	257.3	314.4	327.0	330.5	332.3
77.5°	92.9	125.0	123.3	157.3	175.1	171.5	201.9	243.0	253.7	253.7	253.7
80°	69.7	98.3	92.9	112.6	128.7	125.0	144.7	173.3	176.9	180.4	178.7
82.5°	51.8	62.5	62.5	71.5	85.8	82.2	96.4	112.6	112.6	112.6	116.2
85°	32.1	35.7	28.6	37.6	48.2	46.4	53.6	60.7	62.5	62.5	59.0
87.5°	19.6	16.1	9.0	14.3	21.4	21.4	25.0	26.8	25.0	25.0	25.0
90°	21.4	14.8	8.3	14.8	21.4	23.1	36.3	54.0	62.8	55.8	41.8
92.5°	145.4	89.2	33.0	89.2	145.4	159.4	224.0	310.3	353.4	309.7	222.4
95°	284.9	182.0	79.3	182.0	284.9	310.5	551.4	872.5	1033.1	921.9	699.5
97.5°	318.4	227.8	137.1	227.8	318.4	341.1	742.7	1278.2	1545.9	1475.6	1335.0
100°	346.1	263.9	181.7	263.9	346.1	366.7	812.3	1406.5	1703.6	1708.8	1719.1
102.5°	373.0	296.4	219.7	296.4	373.0	392.2	844.2	1446.9	1748.3	1837.8	2016.9
105°	414.0	349.1	284.1	349.1	414.0	430.2	867.9	1451.5	1743.3	1944.1	2345.7
107.5°	471.3	410.7	350.1	410.7	471.3	486.4	872.4	1387.0	1644.2	1924.3	2484.4
110°	504.1	449.4	394.7	449.4	504.1	517.8	865.7	1329.7	1561.6	1874.7	2500.9



TEST NUMBER: P934673

CATALOG NUMBER: SQ4-FA-075U-050D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	542.7	490.6	438.5	490.6	542.7	555.8	866.1	1279.7	1486.5	1806.9	2447.8
115°	600.7	552.6	504.6	552.6	600.7	612.7	874.0	1222.3	1396.5	1705.1	2322.5
117.5°	657.1	613.5	569.8	613.5	657.1	668.0	890.2	1186.4	1334.5	1613.1	2170.2
120°	690.0	649.0	607.8	649.0	690.0	700.3	903.5	1174.3	1309.7	1564.2	2073.3
122.5°	727.9	686.4	645.0	686.4	727.9	738.3	922.5	1168.0	1290.7	1519.9	1978.4
125°	777.6	739.8	702.0	739.8	777.6	787.0	948.0	1162.7	1270.1	1464.8	1854.2
127.5°	824.6	786.4	748.2	786.4	824.6	834.1	973.7	1159.7	1252.8	1420.0	1754.3
130°	855.1	814.1	773.0	814.1	855.1	865.4	992.3	1161.5	1246.1	1395.0	1692.6
132.5°	880.7	839.7	798.6	839.7	880.7	891.0	1007.4	1162.7	1240.4	1373.6	1640.0
135°	911.4	874.0	836.6	874.0	911.4	920.8	1024.0	1161.7	1230.5	1342.0	1565.2
137.5°	949.5	912.4	875.4	912.4	949.5	958.8	1048.8	1168.8	1228.8	1323.1	1511.8
140°	975.8	941.6	907.5	941.6	975.8	984.3	1063.9	1170.0	1223.0	1304.6	1467.5
142.5°	995.4	963.9	932.3	963.9	995.4	1003.4	1076.6	1174.2	1223.0	1294.6	1437.8
145°	1025.4	997.8	970.3	997.8	1025.4	1032.3	1093.1	1174.2	1214.8	1273.3	1390.4
147.5°	1062.0	1035.1	1008.3	1035.1	1062.0	1068.6	1117.4	1182.3	1214.8	1260.9	1353.0
150°	1081.6	1057.3	1033.1	1057.3	1081.6	1087.6	1130.0	1186.5	1214.8	1253.7	1331.5
152.5°	1095.3	1077.1	1058.7	1077.1	1095.3	1100.0	1138.2	1189.3	1214.8	1248.0	1314.4
155°	1123.9	1110.3	1096.7	1110.3	1123.9	1127.2	1156.4	1195.3	1214.8	1241.2	1294.1
157.5°	1151.2	1138.0	1124.7	1138.0	1151.2	1154.5	1174.6	1201.4	1214.8	1235.3	1276.4
160°	1164.3	1154.0	1143.7	1154.0	1164.3	1166.9	1182.9	1204.1	1214.8	1232.4	1267.6
162.5°	1178.1	1170.5	1162.7	1170.5	1178.1	1180.1	1191.6	1207.1	1214.8	1229.6	1259.4
165°	1197.3	1190.4	1183.4	1190.4	1197.3	1199.1	1204.3	1211.3	1214.8	1225.4	1246.7
167.5°	1209.0	1205.6	1202.4	1205.6	1209.0	1209.8	1214.3	1220.1	1223.0	1230.0	1243.9
170°	1221.4	1218.1	1214.8	1218.1	1221.4	1222.2	1222.5	1222.9	1223.0	1230.0	1243.9
172.5°	1222.9	1222.1	1221.4	1222.1	1222.9	1223.0	1223.0	1223.0	1223.0	1228.5	1239.6
175°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1228.0	1224.7	1223.0	1226.5	1233.5
177.5°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1228.5	1226.0	1224.7	1227.5	1233.0
180°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5



TEST NUMBER: P934673

CATALOG NUMBER: SQ4-FA-075U-050D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4	1888.4
2.5°	1822.4	1817.0	1824.1	1804.5	1824.1	1817.0	1822.4	1834.9	1824.1	1831.3	1838.4
5°	1599.0	1590.1	1561.5	1538.3	1561.5	1590.1	1599.0	1636.6	1654.4	1686.6	1729.5
7.5°	1429.3	1422.1	1415.0	1400.7	1415.0	1422.1	1429.3	1440.0	1457.9	1486.4	1518.7
10°	1391.8	1393.5	1404.3	1402.5	1404.3	1393.5	1391.8	1388.2	1382.9	1388.2	1407.8
12.5°	1488.3	1504.4	1563.3	1559.7	1563.3	1504.4	1488.3	1416.8	1368.6	1359.6	1363.2
15°	1599.0	1604.3	1616.9	1618.6	1616.9	1604.3	1599.0	1570.4	1425.7	1363.2	1343.5
17.5°	1609.8	1611.5	1620.4	1620.4	1620.4	1611.5	1609.8	1597.2	1549.0	1465.0	1354.3
20°	1600.8	1604.3	1622.3	1625.8	1622.3	1604.3	1600.8	1584.7	1557.9	1527.5	1443.6
22.5°	1597.2	1604.3	1618.6	1616.9	1618.6	1604.3	1597.2	1572.2	1549.0	1527.5	1493.6
25°	1579.4	1579.4	1581.2	1582.9	1581.2	1579.4	1579.4	1559.7	1513.2	1507.9	1488.3
27.5°	1541.8	1545.4	1556.1	1554.4	1556.1	1545.4	1541.8	1534.7	1484.6	1479.3	1465.0
30°	1507.9	1504.4	1495.4	1488.3	1495.4	1504.4	1507.9	1497.2	1447.2	1432.9	1436.4
32.5°	1450.7	1441.8	1432.9	1427.5	1432.9	1441.8	1450.7	1447.2	1409.6	1390.0	1393.5
35°	1382.9	1384.7	1382.9	1377.5	1382.9	1384.7	1382.9	1386.4	1363.2	1345.3	1343.5
37.5°	1334.6	1338.2	1336.4	1329.2	1336.4	1338.2	1334.6	1331.0	1298.9	1293.5	1297.1
40°	1284.6	1286.4	1284.6	1279.3	1284.6	1286.4	1284.6	1277.4	1232.8	1234.6	1247.0
42.5°	1236.4	1234.6	1229.2	1225.6	1229.2	1234.6	1236.4	1225.6	1168.4	1163.1	1186.3
45°	1181.0	1182.7	1172.0	1166.7	1172.0	1182.7	1181.0	1173.8	1114.9	1100.6	1116.7
47.5°	1125.5	1125.5	1116.7	1111.2	1116.7	1125.5	1125.5	1116.7	1054.1	1039.8	1048.7
50°	1066.6	1064.8	1052.3	1050.5	1052.3	1064.8	1066.6	1061.2	995.2	982.7	982.7
52.5°	998.7	998.7	1000.5	1004.1	1000.5	998.7	998.7	1000.5	941.5	929.0	925.5
55°	939.8	941.5	954.1	957.6	954.1	941.5	939.8	939.8	886.1	873.6	866.5
57.5°	879.0	879.0	887.9	887.9	887.9	879.0	879.0	875.5	823.6	812.9	809.3
60°	809.3	812.9	820.1	818.3	820.1	812.9	809.3	805.8	761.1	753.9	741.5
62.5°	736.1	739.7	741.5	737.8	741.5	739.7	736.1	725.4	698.6	693.2	677.1
65°	659.3	662.8	664.6	661.0	664.6	662.8	659.3	653.9	634.2	625.3	611.0
67.5°	580.7	578.9	577.1	584.2	577.1	578.9	580.7	573.5	561.0	553.8	534.2
70°	500.2	500.2	498.4	502.1	498.4	500.2	500.2	494.9	487.8	482.4	464.5
72.5°	414.5	412.7	419.8	414.5	419.8	412.7	414.5	412.7	409.1	403.8	385.9
75°	330.5	334.1	330.5	335.8	330.5	334.1	330.5	332.3	330.5	327.0	314.4
77.5°	251.9	255.5	251.9	251.9	251.9	255.5	251.9	253.7	253.7	253.7	243.0
80°	178.7	176.9	176.9	175.1	176.9	176.9	178.7	178.7	180.4	176.9	173.3
82.5°	114.4	112.6	112.6	116.2	112.6	112.6	114.4	116.2	112.6	112.6	112.6
85°	62.5	64.3	60.7	60.7	60.7	64.3	62.5	59.0	62.5	62.5	60.7
87.5°	23.3	21.4	21.4	21.4	21.4	21.4	23.3	25.0	25.0	25.0	26.8
90°	31.3	31.3	31.3	31.3	31.3	31.3	31.3	41.8	55.8	62.8	54.0
92.5°	156.9	150.7	125.7	100.8	125.7	150.7	156.9	222.4	309.7	353.4	310.3
95°	532.6	513.7	438.1	362.6	438.1	513.7	532.6	699.5	921.9	1033.1	872.5
97.5°	1229.6	1193.6	1049.8	905.9	1049.8	1193.6	1229.6	1335.0	1475.6	1545.9	1278.2
100°	1726.8	1683.9	1512.5	1341.1	1512.5	1683.9	1726.8	1719.1	1708.8	1703.6	1406.5
102.5°	2151.3	2114.6	1967.7	1820.9	1967.7	2114.6	2151.3	2016.9	1837.8	1748.3	1446.9
105°	2646.8	2627.1	2548.1	2469.2	2548.1	2627.1	2646.8	2345.7	1944.1	1743.3	1451.5
107.5°	2904.4	2909.2	2928.3	2947.4	2928.3	2909.2	2904.4	2484.4	1924.3	1644.2	1387.0
110°	2970.4	2991.0	3073.2	3155.4	3073.2	2991.0	2970.4	2500.9	1874.7	1561.6	1329.7



TEST NUMBER: P934673

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2928.4	2959.9	3086.2	3212.4	3086.2	2959.9	2928.4	2447.8	1806.9	1486.5	1279.7
115°	2785.5	2829.3	3004.3	3179.4	3004.3	2829.3	2785.5	2322.5	1705.1	1396.5	1222.3
117.5°	2588.1	2636.6	2830.8	3025.0	2830.8	2636.6	2588.1	2170.2	1613.1	1334.5	1186.4
120°	2455.1	2502.3	2691.0	2879.6	2691.0	2502.3	2455.1	2073.3	1564.2	1309.7	1174.3
122.5°	2322.2	2368.7	2554.8	2740.9	2554.8	2368.7	2322.2	1978.4	1519.9	1290.7	1168.0
125°	2146.3	2189.2	2360.6	2532.0	2360.6	2189.2	2146.3	1854.2	1464.8	1270.1	1162.7
127.5°	2005.1	2041.2	2185.9	2330.5	2185.9	2041.2	2005.1	1754.3	1420.0	1252.8	1159.7
130°	1915.9	1949.2	2082.9	2216.5	2082.9	1949.2	1915.9	1692.6	1395.0	1246.1	1161.5
132.5°	1839.9	1869.9	1989.5	2109.2	1989.5	1869.9	1839.9	1640.0	1373.6	1240.4	1162.7
135°	1732.6	1758.3	1861.5	1964.6	1861.5	1758.3	1732.6	1565.2	1342.0	1230.5	1161.7
137.5°	1653.3	1674.4	1758.8	1843.2	1758.8	1674.4	1653.3	1511.8	1323.1	1228.8	1168.8
140°	1589.7	1609.4	1688.4	1767.2	1688.4	1609.4	1589.7	1467.5	1304.6	1223.0	1170.0
142.5°	1545.1	1562.1	1630.0	1697.9	1630.0	1562.1	1545.1	1437.8	1294.6	1223.0	1174.2
145°	1478.3	1491.1	1542.5	1593.8	1542.5	1491.1	1478.3	1390.4	1273.3	1214.8	1174.2
147.5°	1422.0	1432.7	1475.2	1517.9	1475.2	1432.7	1422.0	1353.0	1260.9	1214.8	1182.3
150°	1389.8	1398.4	1433.0	1467.5	1433.0	1398.4	1389.8	1331.5	1253.7	1214.8	1186.5
152.5°	1364.2	1370.7	1396.8	1422.8	1396.8	1370.7	1364.2	1314.4	1248.0	1214.8	1189.3
155°	1333.7	1338.0	1355.3	1372.5	1355.3	1338.0	1333.7	1294.1	1241.2	1214.8	1195.3
157.5°	1307.2	1310.2	1322.4	1334.5	1322.4	1310.2	1307.2	1276.4	1235.3	1214.8	1201.4
160°	1294.1	1295.9	1302.8	1309.7	1302.8	1295.9	1294.1	1267.6	1232.4	1214.8	1204.1
162.5°	1281.7	1283.3	1289.9	1296.6	1289.9	1283.3	1281.7	1259.4	1229.6	1214.8	1207.1
165°	1262.6	1264.4	1271.3	1278.4	1271.3	1264.4	1262.6	1246.7	1225.4	1214.8	1211.3
167.5°	1254.4	1255.1	1258.1	1261.0	1258.1	1255.1	1254.4	1243.9	1230.0	1223.0	1220.1
170°	1254.4	1254.4	1254.4	1254.4	1254.4	1254.4	1254.4	1243.9	1230.0	1223.0	1222.9
172.5°	1247.8	1247.2	1244.6	1242.0	1244.6	1247.2	1247.8	1239.6	1228.5	1223.0	1223.0
175°	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1238.8	1233.5	1226.5	1223.0	1224.7
177.5°	1237.1	1236.4	1233.4	1230.5	1233.4	1236.4	1237.1	1233.0	1227.5	1224.7	1226.0
180°	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5	1230.5



TEST NUMBER: P934673

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1888.4	1888.4	1888.4	1888.4	1888.4
2.5°	1865.2	1874.1	1879.5	1886.6	1904.5
5°	1793.8	1827.7	1838.4	1865.2	1897.4
7.5°	1636.6	1740.1	1768.7	1833.1	1883.1
10°	1484.6	1588.3	1638.4	1790.2	1865.2
12.5°	1407.8	1468.6	1502.6	1715.2	1840.2
15°	1359.6	1402.5	1427.5	1615.1	1811.6
17.5°	1322.1	1352.5	1370.4	1516.9	1772.4
20°	1298.9	1313.2	1329.2	1445.4	1727.7
22.5°	1282.8	1273.8	1286.4	1395.3	1667.0
25°	1272.1	1238.1	1252.4	1356.1	1595.5
27.5°	1281.0	1206.0	1211.3	1320.3	1520.4
30°	1282.8	1166.7	1168.4	1282.8	1436.4
32.5°	1270.3	1125.5	1127.3	1236.4	1341.8
35°	1239.9	1077.3	1075.5	1182.7	1213.1
37.5°	1198.8	1025.6	1025.6	1123.8	1072.0
40°	1148.8	973.7	979.1	1047.0	946.9
42.5°	1088.1	918.3	925.5	945.1	854.0
45°	1021.9	864.7	870.1	798.6	782.5
47.5°	948.7	809.3	811.1	662.8	759.3
50°	861.2	752.1	745.0	568.1	757.6
52.5°	784.3	689.6	668.2	514.5	687.8
55°	709.2	623.6	577.1	473.5	637.9
57.5°	643.2	537.8	493.1	425.2	627.1
60°	582.4	453.8	419.8	373.4	575.3
62.5°	532.4	391.3	384.1	337.7	521.7
65°	478.8	348.4	346.6	307.3	443.1
67.5°	427.0	319.8	318.0	278.7	337.7
70°	371.6	289.4	285.8	248.4	250.1
72.5°	314.4	255.5	251.9	223.3	207.3
75°	257.3	216.1	214.4	194.7	167.9
77.5°	201.9	171.5	175.1	157.3	123.3
80°	144.7	125.0	128.7	112.6	92.9
82.5°	96.4	82.2	85.8	71.5	62.5
85°	53.6	46.4	48.2	37.6	28.6
87.5°	25.0	21.4	21.4	14.3	9.0
90°	36.3	23.1	21.4	14.8	8.3
92.5°	224.0	159.4	145.4	89.2	33.0
95°	551.4	310.5	284.9	182.0	79.3
97.5°	742.7	341.1	318.4	227.8	137.1
100°	812.3	366.7	346.1	263.9	181.7
102.5°	844.2	392.2	373.0	296.4	219.7
105°	867.9	430.2	414.0	349.1	284.1
107.5°	872.4	486.4	471.3	410.7	350.1
110°	865.7	517.8	504.1	449.4	394.7



TEST NUMBER: P934673
 CATALOG NUMBER: SQ4-FA-075U-050D-940-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	866.1	555.8	542.7	490.6	438.5
115°	874.0	612.7	600.7	552.6	504.6
117.5°	890.2	668.0	657.1	613.5	569.8
120°	903.5	700.3	690.0	649.0	607.8
122.5°	922.5	738.3	727.9	686.4	645.0
125°	948.0	787.0	777.6	739.8	702.0
127.5°	973.7	834.1	824.6	786.4	748.2
130°	992.3	865.4	855.1	814.1	773.0
132.5°	1007.4	891.0	880.7	839.7	798.6
135°	1024.0	920.8	911.4	874.0	836.6
137.5°	1048.8	958.8	949.5	912.4	875.4
140°	1063.9	984.3	975.8	941.6	907.5
142.5°	1076.6	1003.4	995.4	963.9	932.3
145°	1093.1	1032.3	1025.4	997.8	970.3
147.5°	1117.4	1068.6	1062.0	1035.1	1008.3
150°	1130.0	1087.6	1081.6	1057.3	1033.1
152.5°	1138.2	1100.0	1095.3	1077.1	1058.7
155°	1156.4	1127.2	1123.9	1110.3	1096.7
157.5°	1174.6	1154.5	1151.2	1138.0	1124.7
160°	1182.9	1166.9	1164.3	1154.0	1143.7
162.5°	1191.6	1180.1	1178.1	1170.5	1162.7
165°	1204.3	1199.1	1197.3	1190.4	1183.4
167.5°	1214.3	1209.8	1209.0	1205.6	1202.4
170°	1222.5	1222.2	1221.4	1218.1	1214.8
172.5°	1223.0	1223.0	1222.9	1222.1	1221.4
175°	1228.0	1230.5	1230.5	1230.5	1230.5
177.5°	1228.5	1230.5	1230.5	1230.5	1230.5
180°	1230.5	1230.5	1230.5	1230.5	1230.5



TEST NUMBER: P934673
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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	9.73	10.49	10.78	11.55	12.98	12.58	13.34	13.63	14.40	15.83
	3H	10.20	10.88	11.26	11.95	13.40	13.92	14.61	14.99	15.67	17.12
	4H	10.38	11.03	11.46	12.10	13.56	14.37	15.02	15.44	16.08	17.54
	6H	10.50	11.09	11.58	12.17	13.63	14.65	15.25	15.74	16.32	17.79
	8H	10.50	11.06	11.58	12.15	13.61	14.73	15.30	15.82	16.38	17.85
	12H	10.46	11.00	11.56	12.08	13.57	14.77	15.31	15.86	16.39	17.87
4H	2H	10.75	11.40	11.83	12.47	13.93	12.98	13.62	14.06	14.69	16.15
	3H	11.77	12.31	12.86	13.41	14.88	14.48	15.02	15.57	16.11	17.58
	4H	12.04	12.54	13.14	13.62	15.12	15.01	15.50	16.10	16.59	18.08
	6H	12.16	12.59	13.26	13.70	15.18	15.37	15.80	16.47	16.91	18.39
	8H	12.17	12.56	13.27	13.66	15.16	15.48	15.88	16.58	16.98	18.48
	12H	12.13	12.49	13.25	13.60	15.11	15.54	15.89	16.65	17.01	18.51
8H	4H	12.49	12.89	13.59	13.99	15.49	15.12	15.52	16.22	16.62	18.12
	6H	12.75	13.08	13.87	14.22	15.72	15.56	15.89	16.68	17.03	18.53
	8H	12.79	13.08	13.92	14.20	15.72	15.72	16.00	16.85	17.13	18.64
	12H	12.77	13.02	13.90	14.14	15.70	15.81	16.07	16.95	17.19	18.74
12H	4H	12.49	12.85	13.61	13.97	15.47	15.08	15.44	16.20	16.56	18.06
	6H	12.81	13.10	13.94	14.22	15.74	15.56	15.84	16.69	16.97	18.49
	8H	12.87	13.13	14.01	14.25	15.80	15.72	15.97	16.85	17.09	18.64